

# **Unica Collaborate V12.1.1**

## **System Tables and Data Dictionary**



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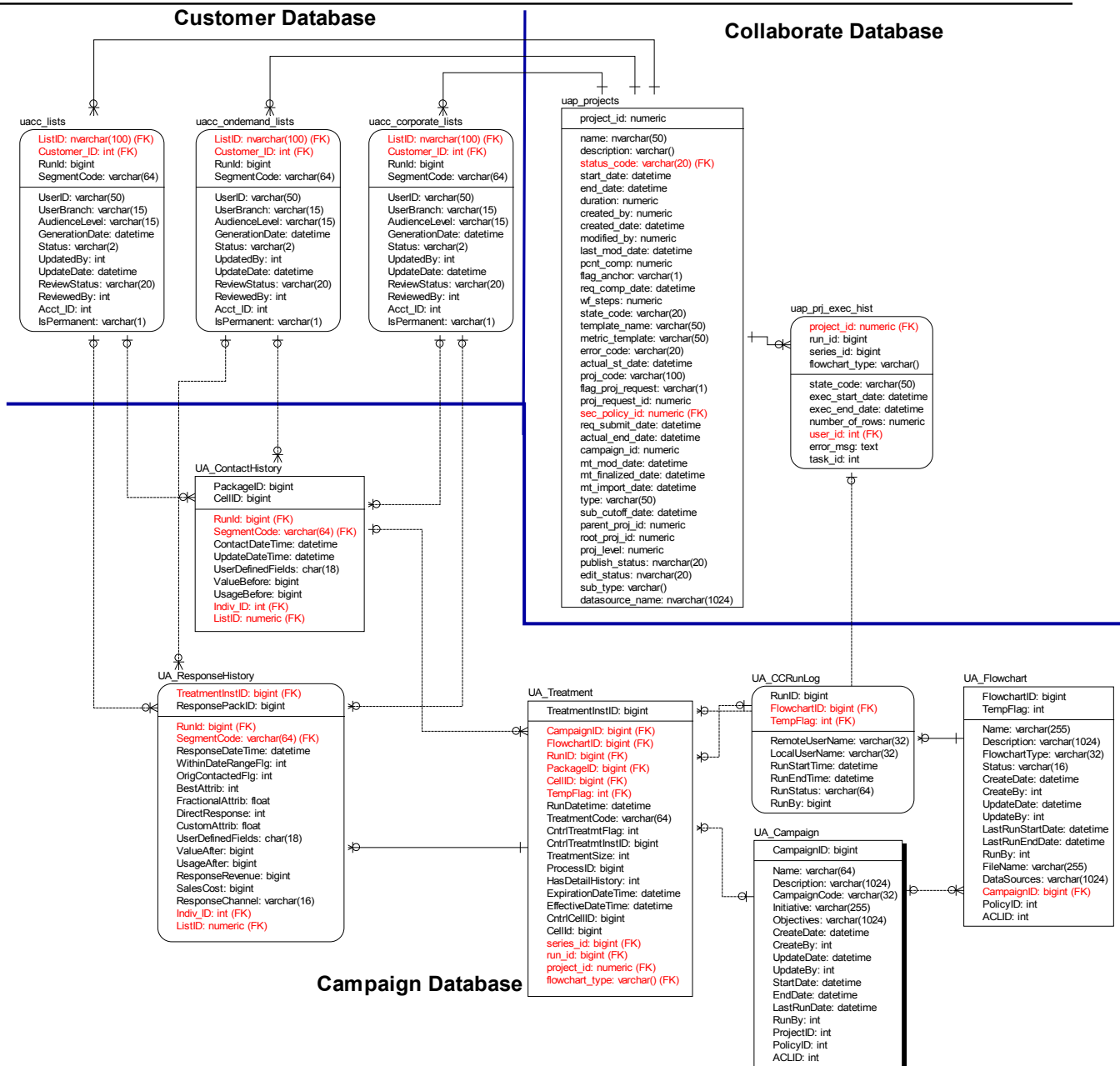
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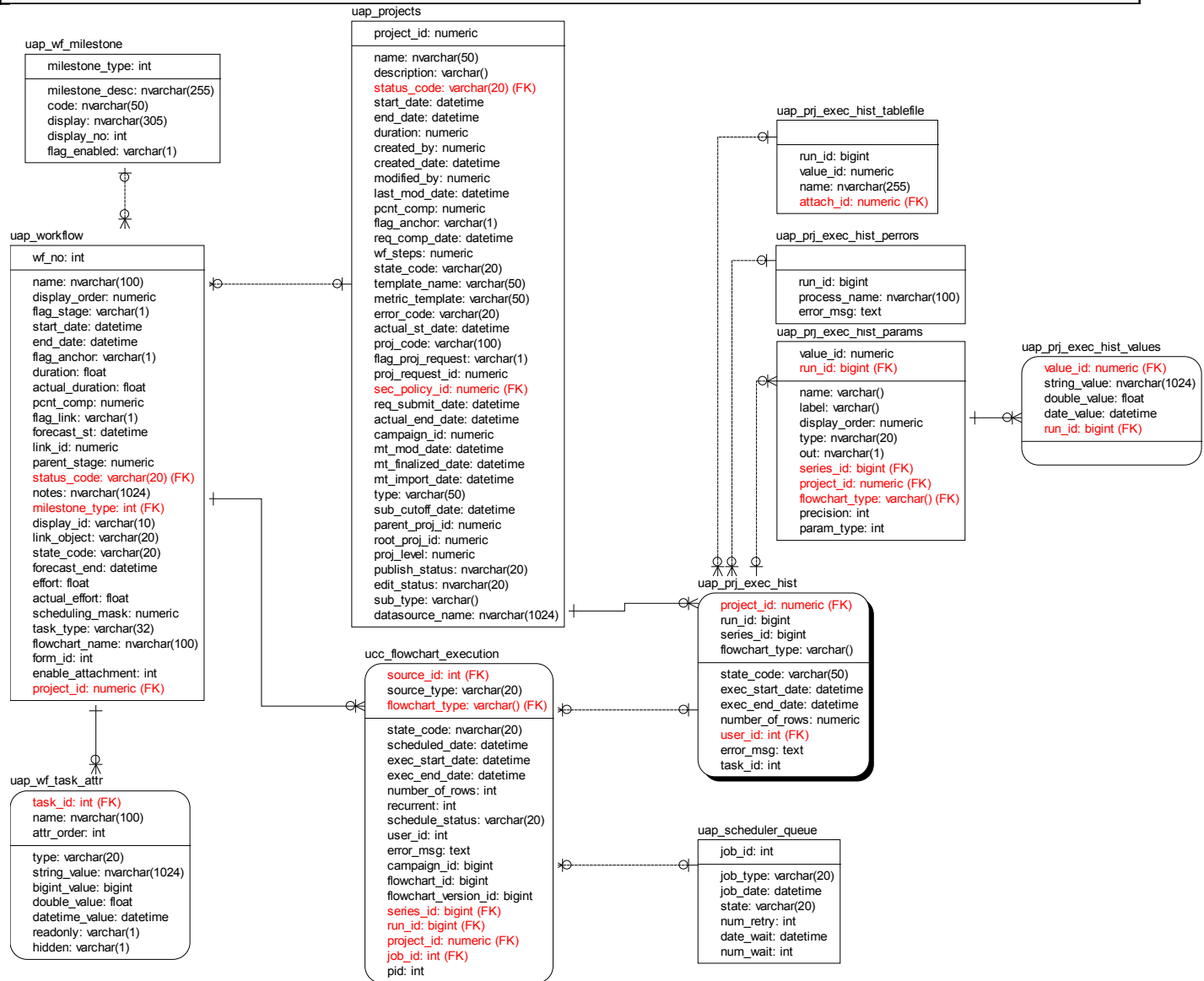


# Database Schema Pictures

## The Campaign Performance tables

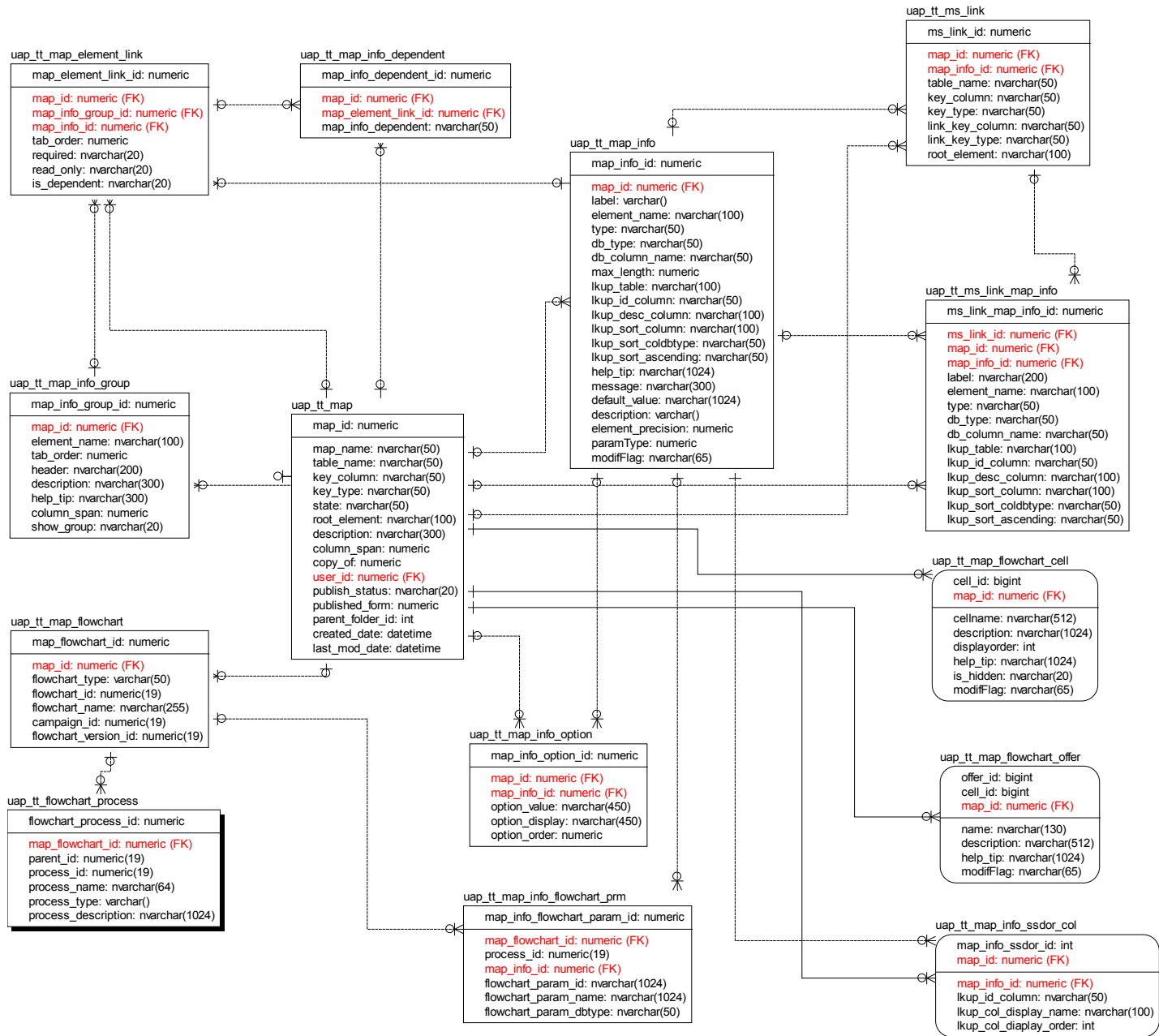


## The Flowchart Runs tables

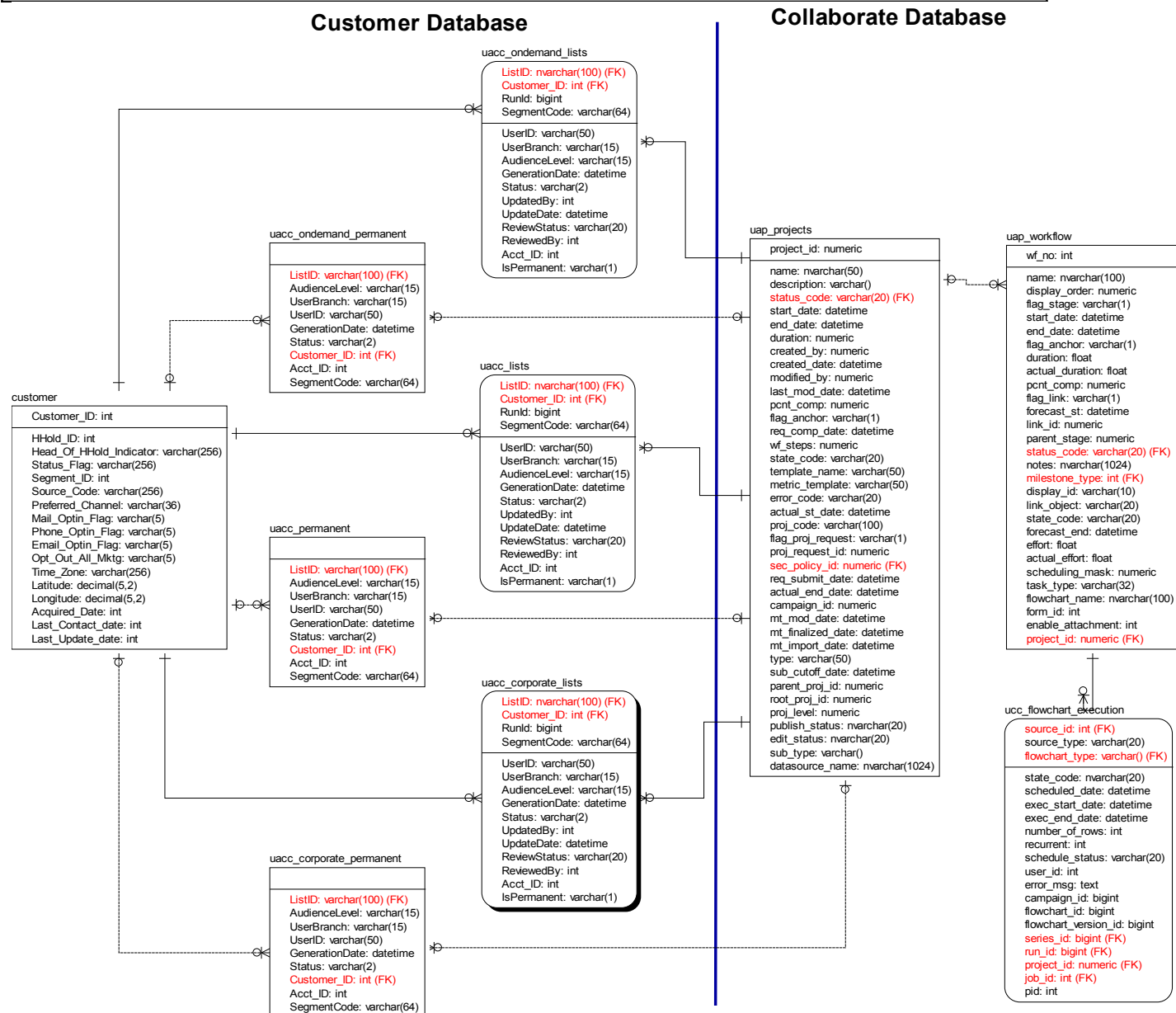




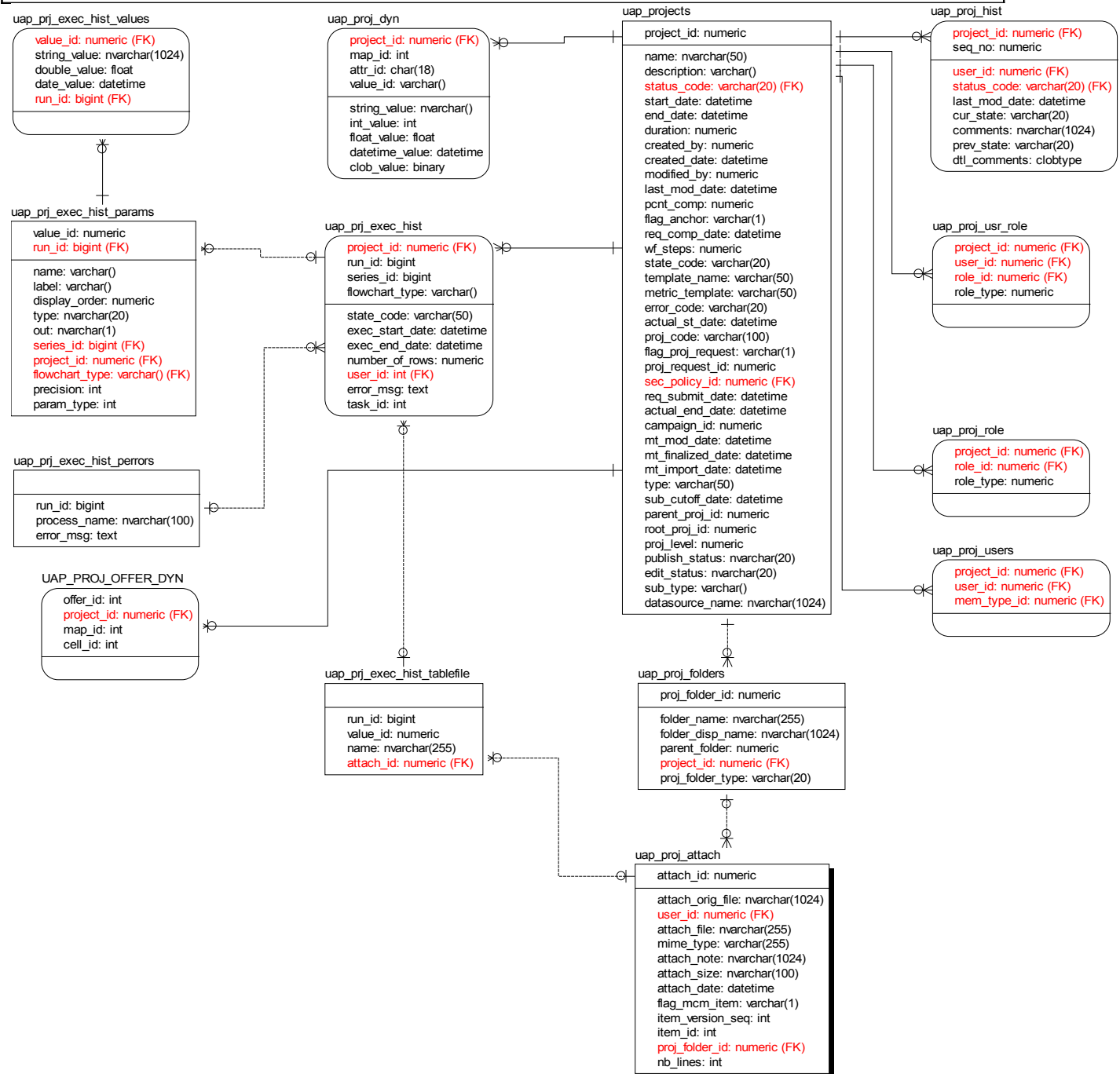
## The Form tables



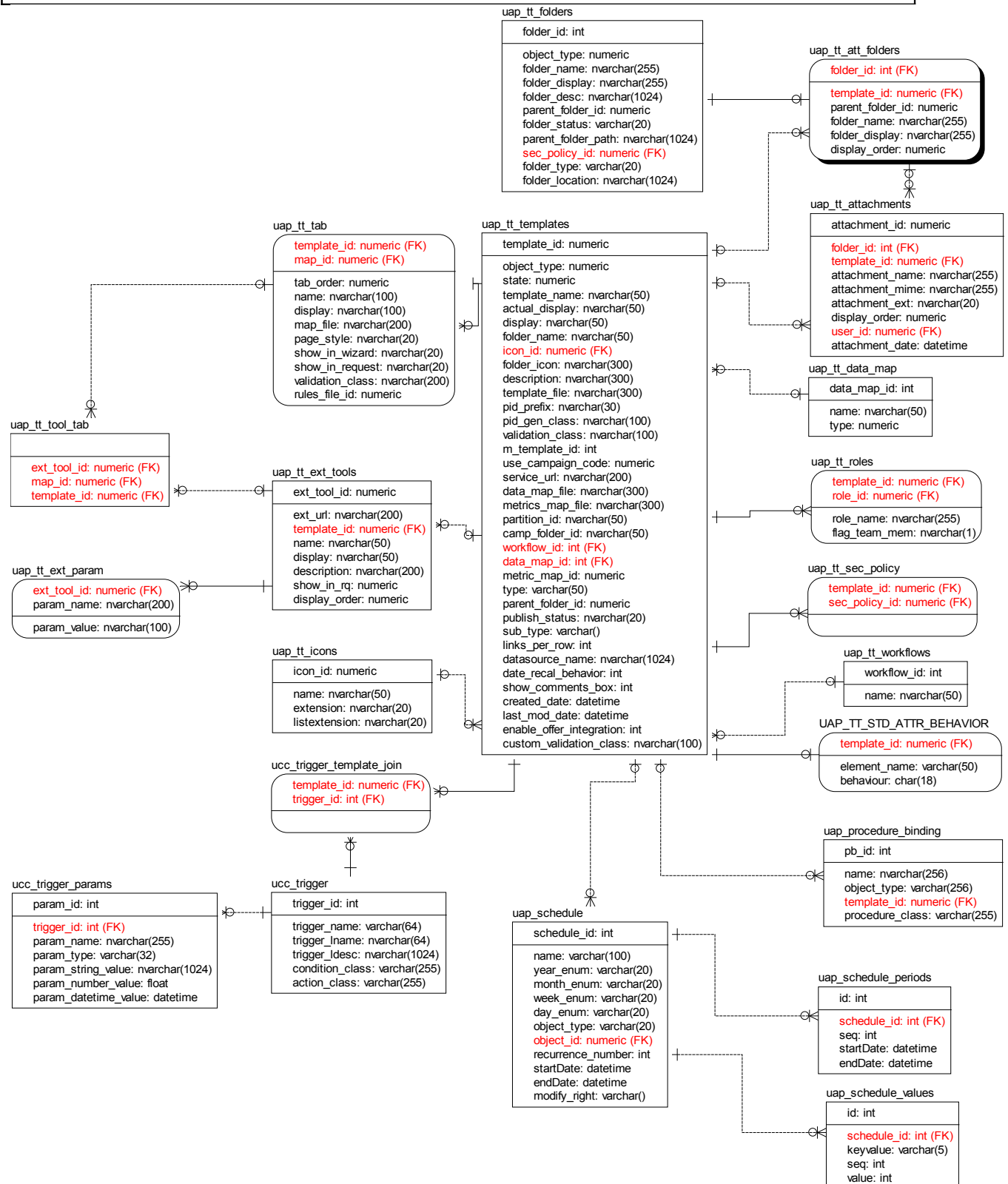
### *The List Manager tables*



## The Project tables



## The Template tables



## Tables

| Table                       |                                                                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Name                        | Comment                                                                                                                                   |
| customer                    |                                                                                                                                           |
| UA_Campaign                 |                                                                                                                                           |
| UA_CCRLog                   |                                                                                                                                           |
| UA_ContactHistory           |                                                                                                                                           |
| UA_Flowchart                |                                                                                                                                           |
| UA_ResponseHistory          |                                                                                                                                           |
| UA_Treatment                |                                                                                                                                           |
| uacc_corporate_lists        |                                                                                                                                           |
| uacc_corporate_permanent    |                                                                                                                                           |
| uacc_lists                  |                                                                                                                                           |
| uacc_ondemand_lists         |                                                                                                                                           |
| uacc_ondemand_permanent     |                                                                                                                                           |
| uacc_permanent              |                                                                                                                                           |
| uap_attach                  |                                                                                                                                           |
| uap_attach_folder           |                                                                                                                                           |
| uap_blackout_dates          | This table stores the system-wide blackout dates.                                                                                         |
| uap_cal_color_coding        |                                                                                                                                           |
| uap_cal_view_milestones     |                                                                                                                                           |
| uap_calendar_config         | This table stores attributes used to control the appearance of the Plan calendar. Each row determines the settings for a particular user. |
| uap_email_alerts            |                                                                                                                                           |
| uap_email_queue             |                                                                                                                                           |
| uap_event_cat_enum          |                                                                                                                                           |
| uap_event_queue             |                                                                                                                                           |
| uap_function                |                                                                                                                                           |
| uap_genids                  |                                                                                                                                           |
| uap_group_users             |                                                                                                                                           |
| uap_groups                  |                                                                                                                                           |
| uap_homepagepref            |                                                                                                                                           |
| uap_level                   |                                                                                                                                           |
| uap_listreview_hist         |                                                                                                                                           |
| uap_listreview_progress     | This table will store current status of list review                                                                                       |
| uap_managed_list            |                                                                                                                                           |
| uap_mem_fn_map              |                                                                                                                                           |
| uap_mem_notify              |                                                                                                                                           |
| uap_member_type             |                                                                                                                                           |
| uap_metric_cols             |                                                                                                                                           |
| uap_metric_grps             | This table contains details about metric groups.                                                                                          |
| uap_ml_bd_type              | This table stores the categories for system-wide blackout dates.                                                                          |
| uap_ml_role                 |                                                                                                                                           |
| uap_notifications           |                                                                                                                                           |
| uap_notify_attach           |                                                                                                                                           |
| uap_notify_msg              |                                                                                                                                           |
| uap_notify_rules            |                                                                                                                                           |
| uap_object_enum             |                                                                                                                                           |
| uap_object_prefs            |                                                                                                                                           |
| uap_prj_exec_hist           | This table stores run flowchart history                                                                                                   |
| uap_prj_exec_hist_params    | This table stores the list of parameters of the Flowcharts Runs                                                                           |
| uap_prj_exec_hist_perrors   | This table stores the error messages generated by Flowchart Runs                                                                          |
| uap_prj_exec_hist_tablefile | This table stores the name of the output files generated by Flowchart Runs                                                                |
| uap_prj_exec_hist_values    | this table stores the value of the parameters of Flowchart Runs                                                                           |
| uap_proj_attach             |                                                                                                                                           |
| uap_proj_dyn                |                                                                                                                                           |
| uap_proj_folders            |                                                                                                                                           |
| uap_proj_hist               | This table contains details about the Project history.                                                                                    |
| uap_proj_metrics            | This table holds metrics for the project, both user-entered and those computed by the system.                                             |
| uap_proj_msgboard           |                                                                                                                                           |

| Table                         |                                                                                                                                                                                                                      |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name                          | Comment                                                                                                                                                                                                              |
| uap_proj_mtc_hist             |                                                                                                                                                                                                                      |
| uap_proj_notify               |                                                                                                                                                                                                                      |
| uap_proj_role                 |                                                                                                                                                                                                                      |
| uap_proj_users                | This table contains the basic data for all project users.                                                                                                                                                            |
| uap_proj_usr_role             |                                                                                                                                                                                                                      |
| uap_projects                  | Project and Project Request data consist of base data and user defined/custom attributes data. The base data will be saved in the uap_projects table and user defined data will be saved in the user defined tables. |
| uap_role_fn_map               |                                                                                                                                                                                                                      |
| uap_roles                     |                                                                                                                                                                                                                      |
| uap_schedule                  |                                                                                                                                                                                                                      |
| uap_schedule_periods          |                                                                                                                                                                                                                      |
| uap_schedule_values           |                                                                                                                                                                                                                      |
| uap_scheduler_queue           | Stores the job (Flowchart Run) managed by the internal scheduler.                                                                                                                                                    |
| uap_search                    | This table stores saved searches.                                                                                                                                                                                    |
| uap_sec_policy                |                                                                                                                                                                                                                      |
| uap_status                    |                                                                                                                                                                                                                      |
| uap_system_version            |                                                                                                                                                                                                                      |
| uap_territory                 |                                                                                                                                                                                                                      |
| uap_tt_att_folders            |                                                                                                                                                                                                                      |
| uap_tt_attachments            |                                                                                                                                                                                                                      |
| uap_tt_data_map               |                                                                                                                                                                                                                      |
| uap_tt_ext_param              |                                                                                                                                                                                                                      |
| uap_tt_ext_tools              |                                                                                                                                                                                                                      |
| uap_tt_flowchart              |                                                                                                                                                                                                                      |
| uap_tt_flowchart_process      | uap_tt_flowchart_process table - This table stores the flowchart processes definitions                                                                                                                               |
| uap_tt_folders                |                                                                                                                                                                                                                      |
| uap_tt_icons                  |                                                                                                                                                                                                                      |
| uap_tt_map                    | uap_tt_map table - this table stores the forms                                                                                                                                                                       |
| uap_tt_map_element_link       | uap_tt_map_element_link table - This table stores form elements. The form element is form attribute linked to the form.                                                                                              |
| uap_tt_map_flowchart          | uap_tt_map_flowchart table - This table stores the flowchart form data mapping                                                                                                                                       |
| uap_tt_map_info               | uap_tt_map_info table - This table stores all form attributes                                                                                                                                                        |
| uap_tt_map_info_dependent     | uap_tt_map_info_dependent table - This table stores element dependent columns                                                                                                                                        |
| uap_tt_map_info_flowchart_prm | uap_tt_map_info_flowchart_prm table - This table stores the flowchart parameters and form attributes data mapping                                                                                                    |
| uap_tt_map_info_group         | uap_tt_map_info_group table - This table stores form groups                                                                                                                                                          |
| uap_tt_map_info_option        | uap_tt_map_info_option table - This table stores attribute options                                                                                                                                                   |
| uap_tt_ms_link                | uap_tt_ms_link table - this table stores multi select links<br>Not used anymore                                                                                                                                      |
| uap_tt_ms_link_map_info       | uap_tt_ms_link_map_info table - this table stores multi select link attributes<br>Not used anymore                                                                                                                   |
| uap_tt_roles                  |                                                                                                                                                                                                                      |
| uap_tt_sec_policy             |                                                                                                                                                                                                                      |
| uap_tt_tab                    |                                                                                                                                                                                                                      |
| uap_tt_templates              |                                                                                                                                                                                                                      |
| uap_tt_tool_tab               |                                                                                                                                                                                                                      |
| uap_tt_workflow               |                                                                                                                                                                                                                      |
| uap_tt_workflow_template      |                                                                                                                                                                                                                      |
| uap_tt_workflows              |                                                                                                                                                                                                                      |
| uap_uf_crit                   |                                                                                                                                                                                                                      |
| uap_user                      | A user defined in the Planning system. Contains definitions and privileges.                                                                                                                                          |
| uap_user_cal_opt              |                                                                                                                                                                                                                      |
| uap_user_folders              |                                                                                                                                                                                                                      |
| uap_user_list                 |                                                                                                                                                                                                                      |
| uap_user_pref                 |                                                                                                                                                                                                                      |
| uap_user_roles                |                                                                                                                                                                                                                      |
| uap_wf_dep                    | Project workflow steps can have one or more dependencies within a project workflow spreadsheet and this data will be stored here.                                                                                    |
| uap_wf_lo_tmp                 |                                                                                                                                                                                                                      |
| uap_wf_lo_user                |                                                                                                                                                                                                                      |
| uap_wf_milestone              |                                                                                                                                                                                                                      |
| uap_wf_role                   |                                                                                                                                                                                                                      |
| uap_wf_subscriptions          | This table contains the users who can subscribe to a Campaign Subscription task, and their                                                                                                                           |

| Table                          |                                                                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name                           | Comment                                                                                                                                                            |
|                                | associated territories                                                                                                                                             |
| uap_wf_subscriptions_completed |                                                                                                                                                                    |
| uap_wf_task_attr               | This table stores the extended attribute of workflow tasks                                                                                                         |
| uap_wf_users                   |                                                                                                                                                                    |
| uap_workflow                   | This table contains data for project workflow stages and steps.                                                                                                    |
| uap_ws_alerts                  |                                                                                                                                                                    |
| ucc_flowchart_execution        | This table will store runs information                                                                                                                             |
| ucc_trigger                    | The ucc_trigger table defines the trigger instances known to Collaborate.                                                                                          |
| ucc_trigger_params             | The ucc_trigger_params table captures the optional parameters defined for each trigger instance known to Collaborate                                               |
| ucc_trigger_task_join          | This table is a join table that binds one or more triggers to a particular task instance                                                                           |
| ucc_trigger_template_join      | The ucc_trigger_template_join table joins triggers and templates.                                                                                                  |
| ucc_trigger_tt_task_join       | This table is a join table that binds one or more triggers to a particular workflow template task. This table is not used with the current version of Collaborate. |
| uap_role_notify                | This table contains form related alerts.                                                                                                                           |
| uap_tt_std_attr_behavior       | This table contains whether standard attribute is hidden or visible.                                                                                               |
| uap_proj_offer_dyn             | This table stores offers associated with forms.                                                                                                                    |
| uap_procedure_binding          | This table stores custom class name associated with template.                                                                                                      |
| uap_tt_map_flowchart_cell      | This Table stores flowchart cell info                                                                                                                              |
| uap_tt_map_flowchart_offer     | This Table stores flowchart offer info                                                                                                                             |
| uap_tt_map_info_ssor_col       | This table is required for SSDOR attribute's display column settings                                                                                               |

### **"customer" table**

| Name                    | Datatype     | Is PK | Null Option | Is FK | Comment |
|-------------------------|--------------|-------|-------------|-------|---------|
| Customer ID             | int          | Yes   | NOT NULL    | No    |         |
| HHold ID                | int          | No    | NULL        | No    |         |
| Head_Of_HHold_Indicator | varchar(256) | No    | NULL        | No    |         |
| Status Flag             | varchar(256) | No    | NULL        | No    |         |
| Segment ID              | int          | No    | NULL        | No    |         |
| Source Code             | varchar(256) | No    | NULL        | No    |         |
| Preferred Channel       | varchar(36)  | No    | NULL        | No    |         |
| Mail Optin Flag         | varchar(5)   | No    | NULL        | No    |         |
| Phone Optin Flag        | varchar(5)   | No    | NULL        | No    |         |
| Email Optin Flag        | varchar(5)   | No    | NULL        | No    |         |
| Opt Out All Mktg        | varchar(5)   | No    | NULL        | No    |         |
| Time Zone               | varchar(256) | No    | NULL        | No    |         |
| Latitude                | decimal(5,2) | No    | NULL        | No    |         |
| Longitude               | decimal(5,2) | No    | NULL        | No    |         |
| Acquired Date           | int          | No    | NULL        | No    |         |
| Last Contact date       | int          | No    | NULL        | No    |         |
| Last Update date        | int          | No    | NULL        | No    |         |

### **"UA\_Campaign" table**

| Name         | Datatype      | Is PK | Null Option | Is FK | Comment |
|--------------|---------------|-------|-------------|-------|---------|
| CampaignID   | bigint        | Yes   | NOT NULL    | No    |         |
| Name         | varchar(64)   | No    | NOT NULL    | No    |         |
| Description  | varchar(1024) | No    | NULL        | No    |         |
| CampaignCode | varchar(32)   | No    | NOT NULL    | No    |         |
| Initiative   | varchar(255)  | No    | NULL        | No    |         |
| Objectives   | varchar(1024) | No    | NULL        | No    |         |
| CreateDate   | datetime      | No    | NULL        | No    |         |
| CreateBy     | int           | No    | NULL        | No    |         |
| UpdateDate   | datetime      | No    | NULL        | No    |         |
| UpdateBy     | int           | No    | NULL        | No    |         |
| StartDate    | datetime      | No    | NULL        | No    |         |
| EndDate      | datetime      | No    | NULL        | No    |         |
| LastRunDate  | datetime      | No    | NULL        | No    |         |
| RunBy        | int           | No    | NULL        | No    |         |

### "UA\_Campaign" table

| Name      | Datatype | Is PK | Null Option | Is FK | Comment |
|-----------|----------|-------|-------------|-------|---------|
| ProjectID | int      | No    | NULL        | No    |         |
| PolicyID  | int      | No    | NULL        | No    |         |
| ACLID     | int      | No    | NULL        | No    |         |

### "UA\_CCRunLog" Table

| Name           | Datatype    | Is PK | Null Option | Is FK | Comment |
|----------------|-------------|-------|-------------|-------|---------|
| RunID          | bigint      | Yes   | NOT NULL    | No    |         |
| FlowchartID    | bigint      | Yes   | NOT NULL    | Yes   |         |
| TempFlag       | int         | Yes   | NOT NULL    | Yes   |         |
| RemoteUserName | varchar(32) | No    | NULL        | No    |         |
| LocalUserName  | varchar(32) | No    | NULL        | No    |         |
| RunStartTime   | datetime    | No    | NULL        | No    |         |
| RunEndTime     | datetime    | No    | NULL        | No    |         |
| RunStatus      | varchar(64) | No    | NULL        | No    |         |
| RunBy          | bigint      | No    | NULL        | No    |         |

### "UA\_ContactHistory" table

| Name              | Datatype      | Is PK | Null Option | Is FK | Comment                                                                  |
|-------------------|---------------|-------|-------------|-------|--------------------------------------------------------------------------|
| PackageID         | bigint        | Yes   | NOT NULL    | No    |                                                                          |
| CellID            | bigint        | Yes   | NOT NULL    | No    |                                                                          |
| RunID             | bigint        | No    | NULL        | Yes   |                                                                          |
| SegmentCode       | varchar(64)   | No    | NULL        | Yes   |                                                                          |
| ContactDateTime   | datetime      | No    | NULL        | No    |                                                                          |
| UpdateDateTime    | datetime      | No    | NULL        | No    |                                                                          |
| UserDefinedFields | char(18)      | No    | NULL        | No    |                                                                          |
| ValueBefore       | bigint        | No    | NULL        | No    |                                                                          |
| UsageBefore       | bigint        | No    | NULL        | No    |                                                                          |
| Indiv ID          | int           | No    | NULL        | Yes   |                                                                          |
| UserID            | varchar(50)   | No    | NULL        | Yes   |                                                                          |
| ListID            | nvarchar(100) | No    | NULL        | Yes   | Unique ID generated by the system, for each Project and Project Request. |

### "UA\_Flowchart" table

| Name             | Datatype      | Is PK | Null Option | Is FK | Comment |
|------------------|---------------|-------|-------------|-------|---------|
| FlowchartID      | bigint        | Yes   | NOT NULL    | No    |         |
| TempFlag         | int           | Yes   | NOT NULL    | No    |         |
| Name             | varchar(255)  | No    | NULL        | No    |         |
| Description      | varchar(1024) | No    | NULL        | No    |         |
| FlowchartType    | varchar(32)   | No    | NULL        | No    |         |
| Status           | varchar(16)   | No    | NULL        | No    |         |
| CreateDate       | datetime      | No    | NULL        | No    |         |
| CreateBy         | int           | No    | NULL        | No    |         |
| UpdateDate       | datetime      | No    | NULL        | No    |         |
| UpdateBy         | int           | No    | NULL        | No    |         |
| LastRunStartDate | datetime      | No    | NULL        | No    |         |
| LastRunEndDate   | datetime      | No    | NULL        | No    |         |
| RunBy            | int           | No    | NULL        | No    |         |
| FileName         | varchar(255)  | No    | NULL        | No    |         |
| DataSources      | varchar(1024) | No    | NULL        | No    |         |
| CampaignID       | bigint        | No    | NULL        | Yes   |         |
| PolicyID         | int           | No    | NULL        | No    |         |
| ACLID            | int           | No    | NULL        | No    |         |



### **"UA\_ResponseHistory" table**

| Name               | Datatype      | Is PK | Null Option | Is FK | Comment                                                                  |
|--------------------|---------------|-------|-------------|-------|--------------------------------------------------------------------------|
| TreatmentInstID    | bigint        | Yes   | NOT NULL    | Yes   |                                                                          |
| ResponsePackID     | bigint        | Yes   | NOT NULL    | No    |                                                                          |
| RunId              | bigint        | No    | NULL        | Yes   |                                                                          |
| SegmentCode        | varchar(64)   | No    | NULL        | Yes   |                                                                          |
| ResponseDateTime   | datetime      | No    | NOT NULL    | No    |                                                                          |
| WithinDateRangeFlg | int           | No    | NULL        | No    |                                                                          |
| OrigContactedFlg   | int           | No    | NULL        | No    |                                                                          |
| BestAttrib         | int           | No    | NULL        | No    |                                                                          |
| FractionalAttrib   | float         | No    | NULL        | No    |                                                                          |
| DirectResponse     | int           | No    | NULL        | No    |                                                                          |
| CustomAttrib       | float         | No    | NULL        | No    |                                                                          |
| UserDefinedFields  | char(18)      | No    | NULL        | No    |                                                                          |
| ValueAfter         | bigint        | No    | NULL        | No    |                                                                          |
| UsageAfter         | bigint        | No    | NULL        | No    |                                                                          |
| ResponseRevenue    | bigint        | No    | NULL        | No    |                                                                          |
| SalesCost          | bigint        | No    | NULL        | No    |                                                                          |
| ResponseChannel    | varchar(16)   | No    | NULL        | No    |                                                                          |
| Indiv ID           | int           | No    | NULL        | Yes   |                                                                          |
| UserID             | varchar(50)   | No    | NULL        | Yes   |                                                                          |
| ListID             | nvarchar(100) | No    | NULL        | Yes   | Unique ID generated by the system, for each Project and Project Request. |

### **"UA\_Treatment" table**

| Name               | Datatype    | Is PK | Null Option | Is FK | Comment                                                                  |
|--------------------|-------------|-------|-------------|-------|--------------------------------------------------------------------------|
| TreatmentInstID    | bigint      | Yes   | NOT NULL    | No    |                                                                          |
| CampaignID         | bigint      | No    | NULL        | Yes   |                                                                          |
| FlowchartID        | bigint      | No    | NULL        | Yes   |                                                                          |
| RunID              | bigint      | No    | NULL        | Yes   |                                                                          |
| PackageID          | bigint      | No    | NULL        | Yes   |                                                                          |
| CellID             | bigint      | No    | NULL        | Yes   |                                                                          |
| TempFlag           | int         | No    | NULL        | Yes   |                                                                          |
| RunDatetime        | datetime    | No    | NULL        | No    |                                                                          |
| TreatmentCode      | varchar(64) | No    | NULL        | No    |                                                                          |
| CntrlTreatmtFlag   | int         | No    | NULL        | No    |                                                                          |
| CntrlTreatmtInstID | bigint      | No    | NULL        | No    |                                                                          |
| TreatmentSize      | int         | No    | NULL        | No    |                                                                          |
| ProcessID          | bigint      | No    | NOT NULL    | No    |                                                                          |
| HasDetailHistory   | int         | No    | NULL        | No    |                                                                          |
| ExpirationDateTime | datetime    | No    | NULL        | No    |                                                                          |
| EffectiveDateTime  | datetime    | No    | NULL        | No    |                                                                          |
| CntrlCellID        | bigint      | No    | NULL        | No    |                                                                          |
| CellId             | bigint      | No    | NULL        | No    |                                                                          |
| series_id          | bigint      | No    | NULL        | Yes   | Id for grouping the run history according to Flowchart version Id        |
| run_id             | bigint      | No    | NULL        | Yes   |                                                                          |
| project_id         | numeric     | No    | NULL        | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| flowchart type     | varchar()   | No    | NULL        | Yes   |                                                                          |

### **"uacc\_corporate\_lists" table**

| Name        | Datatype      | Is PK | Null Option | Is FK | Comment                                                                  |
|-------------|---------------|-------|-------------|-------|--------------------------------------------------------------------------|
| ListID      | nvarchar(100) | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| UserID      | varchar(50)   | Yes   | NOT NULL    | No    |                                                                          |
| Customer ID | int           | Yes   | NOT NULL    | Yes   |                                                                          |
| RunId       | bigint        | Yes   | NOT NULL    | No    |                                                                          |
| SegmentCode | varchar(64)   | Yes   | NOT NULL    | No    |                                                                          |

### ***"uacc\_corporate\_lists" table***

| Name           | Datatype    | Is PK | Null Option | Is FK | Comment |
|----------------|-------------|-------|-------------|-------|---------|
| UserBranch     | varchar(15) | No    | NULL        | No    |         |
| AudienceLevel  | varchar(15) | No    | NOT NULL    | No    |         |
| GenerationDate | datetime    | No    | NULL        | No    |         |
| Status         | varchar(2)  | No    | NOT NULL    | No    |         |
| UpdatedBy      | int         | No    | NULL        | No    |         |
| UpdateDate     | datetime    | No    | NULL        | No    |         |
| ReviewStatus   | varchar(20) | No    | NULL        | No    |         |
| ReviewedBy     | int         | No    | NULL        | No    |         |
| Acct ID        | int         | No    | NULL        | No    |         |
| IsPermanent    | varchar(1)  | No    | NULL        | No    |         |

### ***"uacc\_corporate\_permanent" table***

| Name           | Datatype     | Is PK | Null Option | Is FK | Comment                                                                  |
|----------------|--------------|-------|-------------|-------|--------------------------------------------------------------------------|
| ListID         | varchar(100) | No    | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| AudienceLevel  | varchar(15)  | No    | NOT NULL    | No    |                                                                          |
| UserBranch     | varchar(15)  | No    | NULL        | No    |                                                                          |
| UserID         | varchar(50)  | No    | NOT NULL    | No    |                                                                          |
| GenerationDate | datetime     | No    | NULL        | No    |                                                                          |
| Status         | varchar(2)   | No    | NOT NULL    | No    |                                                                          |
| Customer ID    | int          | No    | NULL        | Yes   |                                                                          |
| Acct ID        | int          | No    | NULL        | No    |                                                                          |
| SegmentCode    | varchar(64)  | No    | NULL        | No    |                                                                          |

### ***"uacc\_lists" table***

| Name           | Datatype      | Is PK | Null Option | Is FK | Comment                                                                  |
|----------------|---------------|-------|-------------|-------|--------------------------------------------------------------------------|
| ListID         | nvarchar(100) | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| UserID         | varchar(50)   | Yes   | NOT NULL    | No    |                                                                          |
| Customer ID    | int           | Yes   | NOT NULL    | Yes   |                                                                          |
| RunId          | bigint        | Yes   | NOT NULL    | No    |                                                                          |
| SegmentCode    | varchar(64)   | Yes   | NOT NULL    | No    |                                                                          |
| UserBranch     | varchar(15)   | No    | NULL        | No    |                                                                          |
| AudienceLevel  | varchar(15)   | No    | NOT NULL    | No    |                                                                          |
| GenerationDate | datetime      | No    | NULL        | No    |                                                                          |
| Status         | varchar(2)    | No    | NOT NULL    | No    |                                                                          |
| UpdatedBy      | int           | No    | NULL        | No    |                                                                          |
| UpdateDate     | datetime      | No    | NULL        | No    |                                                                          |
| ReviewStatus   | varchar(20)   | No    | NULL        | No    |                                                                          |
| ReviewedBy     | int           | No    | NULL        | No    |                                                                          |
| Acct ID        | int           | No    | NULL        | No    |                                                                          |
| IsPermanent    | varchar(1)    | No    | NULL        | No    |                                                                          |

### ***"uacc\_ondemand\_lists" table***

| Name           | Datatype      | Is PK | Null Option | Is FK | Comment                                                                  |
|----------------|---------------|-------|-------------|-------|--------------------------------------------------------------------------|
| ListID         | nvarchar(100) | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| UserID         | varchar(50)   | Yes   | NOT NULL    | No    |                                                                          |
| Customer ID    | int           | Yes   | NOT NULL    | Yes   |                                                                          |
| RunId          | bigint        | Yes   | NOT NULL    | No    |                                                                          |
| SegmentCode    | varchar(64)   | Yes   | NOT NULL    | No    |                                                                          |
| UserBranch     | varchar(15)   | No    | NULL        | No    |                                                                          |
| AudienceLevel  | varchar(15)   | No    | NOT NULL    | No    |                                                                          |
| GenerationDate | datetime      | No    | NULL        | No    |                                                                          |
| Status         | varchar(2)    | No    | NOT NULL    | No    |                                                                          |

### ***"uacc\_ondemand\_lists" table***

| Name         | Datatype    | Is PK | Null Option | Is FK | Comment |
|--------------|-------------|-------|-------------|-------|---------|
| UpdatedBy    | int         | No    | NULL        | No    |         |
| UpdateDate   | datetime    | No    | NULL        | No    |         |
| ReviewStatus | varchar(20) | No    | NULL        | No    |         |
| ReviewedBy   | int         | No    | NULL        | No    |         |
| Acct ID      | int         | No    | NULL        | No    |         |
| IsPermanent  | varchar(1)  | No    | NULL        | No    |         |

### ***"uacc\_ondemand\_permanent" table***

| Name           | Datatype     | Is PK | Null Option | Is FK | Comment                                                                  |
|----------------|--------------|-------|-------------|-------|--------------------------------------------------------------------------|
| ListID         | varchar(100) | No    | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| AudienceLevel  | varchar(15)  | No    | NOT NULL    | No    |                                                                          |
| UserBranch     | varchar(15)  | No    | NULL        | No    |                                                                          |
| UserID         | varchar(50)  | No    | NOT NULL    | No    |                                                                          |
| GenerationDate | datetime     | No    | NULL        | No    |                                                                          |
| Status         | varchar(2)   | No    | NOT NULL    | No    |                                                                          |
| Customer ID    | int          | No    | NULL        | Yes   |                                                                          |
| Acct ID        | int          | No    | NULL        | No    |                                                                          |
| SegmentCode    | varchar(64)  | No    | NULL        | No    |                                                                          |

### ***"uacc\_permanent" table***

| Name           | Datatype     | Is PK | Null Option | Is FK | Comment                                                                  |
|----------------|--------------|-------|-------------|-------|--------------------------------------------------------------------------|
| ListID         | varchar(100) | No    | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| AudienceLevel  | varchar(15)  | No    | NOT NULL    | No    |                                                                          |
| UserBranch     | varchar(15)  | No    | NULL        | No    |                                                                          |
| UserID         | varchar(50)  | No    | NOT NULL    | No    |                                                                          |
| GenerationDate | datetime     | No    | NULL        | No    |                                                                          |
| Status         | varchar(2)   | No    | NOT NULL    | No    |                                                                          |
| Customer ID    | int          | No    | NULL        | Yes   |                                                                          |
| Acct ID        | int          | No    | NULL        | No    |                                                                          |
| SegmentCode    | varchar(64)  | No    | NULL        | No    |                                                                          |

### ***"uap\_attach" table***

| Name             | Datatype       | Is PK | Null Option | Is FK | Comment                                                                             |
|------------------|----------------|-------|-------------|-------|-------------------------------------------------------------------------------------|
| attach_id        | numeric        | Yes   | NOT NULL    | Yes   | Unique Id generated by the system for each project attachment                       |
| attach_orig_file | nvarchar(255)  | No    | NULL        | No    |                                                                                     |
| attach_note      | nvarchar(1024) | No    | NULL        | No    |                                                                                     |
| attach_size      | numeric        | No    | NULL        | No    |                                                                                     |
| attach_date      | datetime       | No    | NULL        | No    |                                                                                     |
| mime_type        | varchar(255)   | No    | NULL        | No    |                                                                                     |
| flag_mcm_item    | varchar(1)     | No    | NULL        | No    |                                                                                     |
| item_id          | int            | No    | NULL        | No    |                                                                                     |
| item_version_seq | int            | No    | NULL        | No    |                                                                                     |
| attach_folder_id | numeric        | No    | NOT NULL    | Yes   |                                                                                     |
| user_id          | numeric        | No    | NULL        | Yes   | These calendar settings apply to this user_id.<br>Foreign key to uap_users.user_id. |
| parent_obj_id    | numeric        | No    | NOT NULL    | No    |                                                                                     |
| parent_obj_type  | varchar(20)    | No    | NOT NULL    | No    |                                                                                     |

### ***"uap\_attach\_folder" table***

| Name             | Datatype     | Is PK | Null Option | Is FK | Comment |
|------------------|--------------|-------|-------------|-------|---------|
| attach_folder_id | numeric      | Yes   | NOT NULL    | No    |         |
| folder_name      | nvarchar(50) | No    | NULL        | No    |         |
| parent_obj_id    | numeric      | No    | NOT NULL    | No    |         |
| parent_obj_type  | varchar(20)  | No    | NOT NULL    | No    |         |
| parent_folder_id | numeric      | No    | NULL        | No    |         |

### ***"uap\_blackout\_dates" table***

| Name          | Datatype       | Is PK | Null Option | Is FK | Comment                                                                                                 |
|---------------|----------------|-------|-------------|-------|---------------------------------------------------------------------------------------------------------|
| blackout_id   | numeric        | Yes   | NOT NULL    | No    | Unique ID generated by the system, for each blackout (non-work) date.                                   |
| name          | nvarchar(255)  | No    | NULL        | No    | Name of the blackout/non-work date.                                                                     |
| description   | nvarchar(1024) | No    | NULL        | No    | Description of the blackout/non-work date.                                                              |
| type_id       | numeric        | No    | NOT NULL    | Yes   | Unique ID for the blackout category for this blackout date.<br>Foreign key into uap_ml_bd_type.type_id. |
| start_date    | datetime       | No    | NOT NULL    | No    | Non-work date start date.                                                                               |
| end_date      | datetime       | No    | NOT NULL    | No    | Non-work date end date.                                                                                 |
| last_mod_date | datetime       | No    | NOT NULL    | No    | Last modification date of the item.                                                                     |
| is_notified   | numeric        | No    | NOT NULL    | No    | Not currently used.                                                                                     |

### ***"uap\_cal\_color\_coding" table***

| Name           | Datatype      | Is PK | Null Option | Is FK | Comment                                                                             |
|----------------|---------------|-------|-------------|-------|-------------------------------------------------------------------------------------|
| user_id        | numeric       | Yes   | NOT NULL    | Yes   | These calendar settings apply to this user_id.<br>Foreign key to uap_users.user_id. |
| entity_type_id | numeric       | Yes   | NOT NULL    | No    |                                                                                     |
| cust_attr_id   | nvarchar(255) | Yes   | NOT NULL    | No    |                                                                                     |

### ***"uap\_cal\_view\_milestones" table***

| Name           | Datatype | Is PK | Null Option | Is FK | Comment                                                                             |
|----------------|----------|-------|-------------|-------|-------------------------------------------------------------------------------------|
| user_id        | numeric  | Yes   | NOT NULL    | Yes   | These calendar settings apply to this user_id.<br>Foreign key to uap_users.user_id. |
| milestone_type | numeric  | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Milestone Type                          |

### ***"uap\_calendar\_config" table***

| Name              | Datatype | Is PK | Null Option | Is FK | Comment                                                                                                                                                                                                                               |
|-------------------|----------|-------|-------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| user_id           | numeric  | Yes   | NOT NULL    | Yes   | These calendar settings apply to this user_id.<br>Foreign key to uap_users.user_id.                                                                                                                                                   |
| show_weekends     | numeric  | No    | NULL        | No    | Determines whether or not to show weekends when displaying the calendar.                                                                                                                                                              |
| first_day_of_week | numeric  | No    | NULL        | No    | Determines whether the week begins on Sunday (0) or Monday (1).                                                                                                                                                                       |
| default_layout    | numeric  | No    | NULL        | No    | Determines the layout of the calendar.<br><br>Valid values : 1=1-Month Text Calendar, 2=1-Month Graphical Calendar, 3=1-Week Timeline, 4=1-Month Timeline, 5=1-Quarter Timeline, 6=1-Fiscal Year Timeline, 7=1-Calendar Year Timeline |

### **"uap\_calendar\_config" table**

| Name                    | Datatype | Is PK | Null Option | Is FK | Comment                                                                                                                   |
|-------------------------|----------|-------|-------------|-------|---------------------------------------------------------------------------------------------------------------------------|
| default_entity_type     | numeric  | No    | NULL        | No    | Determines which entities are displayed on the calendar.<br><br>Valid values: 2 = projects, 8= programs, 1 = plans        |
| default_search          | numeric  | No    | NULL        | No    | ID for the saved search used to filter the items displayed on the calendar.<br><br>Foreign key into uap_search.search_id. |
| last_mod_date           | datetime | No    | NULL        | No    | Last modification date of the item.                                                                                       |
| default_sub_entity_type | numeric  | No    | NULL        | No    |                                                                                                                           |

### **"uap\_email\_alerts" table**

| Name            | Datatype       | Is PK | Null Option | Is FK | Comment                                                                             |
|-----------------|----------------|-------|-------------|-------|-------------------------------------------------------------------------------------|
| notify_id       | numeric        | Yes   | NOT NULL    | Yes   |                                                                                     |
| user_id         | numeric        | Yes   | NOT NULL    | Yes   | These calendar settings apply to this user_id.<br>Foreign key to uap_users.user_id. |
| resend_count    | numeric        | No    | NOT NULL    | No    |                                                                                     |
| resend_datetime | datetime       | No    | NULL        | No    |                                                                                     |
| resend_status   | numeric        | No    | NOT NULL    | No    |                                                                                     |
| source_type     | numeric        | No    | NOT NULL    | No    |                                                                                     |
| source_id       | numeric        | No    | NOT NULL    | No    |                                                                                     |
| message         | nvarchar(1024) | No    | NULL        | No    |                                                                                     |

### **"uap\_email\_queue" table**

| Name            | Datatype      | Is PK | Null Option | Is FK | Comment |
|-----------------|---------------|-------|-------------|-------|---------|
| email_id        | numeric       | Yes   | NOT NULL    | No    |         |
| notify_id       | numeric       | No    | NOT NULL    | Yes   |         |
| post_datetime   | datetime      | No    | NOT NULL    | No    |         |
| resend_count    | numeric       | No    | NOT NULL    | No    |         |
| resend_datetime | datetime      | No    | NOT NULL    | No    |         |
| resend_status   | Numeric       | No    | NOT NULL    | No    |         |
| to_address      | nvarchar(64)  | No    | NOT NULL    | No    |         |
| from_address    | nvarchar(64)  | No    | NULL        | No    |         |
| reply_address   | nvarchar(64)  | No    | NULL        | No    |         |
| priority_type   | numeric       | No    | NOT NULL    | No    |         |
| subject         | nvarchar(100) | No    | NOT NULL    | No    |         |
| content         | text          | No    | NOT NULL    | No    |         |

### **"uap\_event\_cat\_enum" table**

| Name      | Datatype      | Is PK | Null Option | Is FK | Comment |
|-----------|---------------|-------|-------------|-------|---------|
| cat_value | numeric       | Yes   | NOT NULL    | No    |         |
| cat_name  | varchar(50)   | No    | NULL        | No    |         |
| cat_desc  | nvarchar(100) | No    | NULL        | No    |         |

### **"uap\_event\_queue" table**

| Name       | Datatype | Is PK | Null Option | Is FK | Comment |
|------------|----------|-------|-------------|-------|---------|
| event_id   | numeric  | Yes   | NOT NULL    | No    |         |
| event_type | numeric  | No    | NULL        | Yes   |         |

### **"uap\_event\_queue" table**

| Name            | Datatype       | Is PK | Null Option | Is FK | Comment                                                                             |
|-----------------|----------------|-------|-------------|-------|-------------------------------------------------------------------------------------|
| post_datetime   | datetime       | No    | NOT NULL    | No    |                                                                                     |
| src_object_type | numeric        | No    | NOT NULL    | No    |                                                                                     |
| src_object_id   | numeric        | No    | NOT NULL    | No    |                                                                                     |
| user_id         | numeric        | No    | NULL        | Yes   | These calendar settings apply to this user_id.<br>Foreign key to uap_users.user_id. |
| comments        | nvarchar(1024) | No    | NULL        | No    |                                                                                     |

### **"uap\_function" table**

| Name          | Datatype      | Is PK | Null Option | Is FK | Comment                                |
|---------------|---------------|-------|-------------|-------|----------------------------------------|
| function_id   | numeric       | Yes   | NOT NULL    | No    |                                        |
| name          | varchar(50)   | No    | NULL        | No    |                                        |
| description   | nvarchar(100) | No    | NULL        | No    |                                        |
| object_fn_cat | varchar(50)   | No    | NULL        | No    | General<br>Summary Tabs<br>Custom Tabs |
| object_type   | varchar(20)   | No    | NULL        | No    | PROJECT<br>APPROVAL                    |
| display_order | numeric       | No    | NULL        | No    |                                        |
| project_type  | varchar(50)   | No    | NULL        | No    |                                        |

### **"uap\_genids" table**

| Name        | Datatype     | Is PK | Null Option | Is FK | Comment |
|-------------|--------------|-------|-------------|-------|---------|
| entity_name | varchar(50)  | Yes   | NOT NULL    | No    |         |
| entity_key  | nvarchar(50) | Yes   | NOT NULL    | No    |         |
| key_value   | numeric      | No    | NULL        | No    |         |

### **"uap\_group\_users" table**

| Name     | Datatype | Is PK | Null Option | Is FK | Comment                                                                             |
|----------|----------|-------|-------------|-------|-------------------------------------------------------------------------------------|
| group_id | numeric  | Yes   | NOT NULL    | Yes   |                                                                                     |
| user_id  | numeric  | Yes   | NOT NULL    | Yes   | These calendar settings apply to this user_id.<br>Foreign key to uap_users.user_id. |

### **"uap\_groups" table**

| Name         | Datatype      | Is PK | Null Option | Is FK | Comment |
|--------------|---------------|-------|-------------|-------|---------|
| group_id     | numeric       | Yes   | NOT NULL    | No    |         |
| group_name   | nvarchar(50)  | No    | NULL        | No    |         |
| group_desc   | nvarchar(255) | No    | NULL        | No    |         |
| asm_group_id | numeric       | No    | NULL        | No    |         |
| parent_group | numeric       | No    | NULL        | No    |         |

### **"uap\_homepagepref" table**

| Name    | Datatype    | Is PK | Null Option | Is FK | Comment                                                     |
|---------|-------------|-------|-------------|-------|-------------------------------------------------------------|
| user_id | numeric     | No    | NOT NULL    | Yes   | Foreign key into uap_user table                             |
| block   | varchar(25) | No    | NOT NULL    | No    | Name of the section list (campaign, calendar, report, link) |
| show    | varchar(1)  | No    | NULL        | No    | Show (y,n)                                                  |

### **"uap\_homepagepref" table**

| Name     | Datatype | Is PK | Null Option | Is FK | Comment                      |
|----------|----------|-------|-------------|-------|------------------------------|
| position | numeric  | No    | NOT NULL    | No    | Display order of the section |

### **"uap\_level" table**

| Name               | Datatype  | Is PK | Null Option | Is FK | Comment |
|--------------------|-----------|-------|-------------|-------|---------|
| level_code         | varchar() | Yes   | NOT NULL    | No    |         |
| level_desc         | varchar() | No    | NULL        | No    |         |
| level_hierarchical | int       | No    | NULL        | No    |         |

### **"uap\_listreview\_hist" table**

| Name           | Datatype    | Is PK | Null Option | Is FK | Comment                                                            |
|----------------|-------------|-------|-------------|-------|--------------------------------------------------------------------|
| project_id     | int         | Yes   | NOT NULL    | No    | Foreign key into uap_projects table                                |
| user_id        | numeric     | Yes   | NOT NULL    | Yes   | Foreign key into uap_user table                                    |
| run_id         | numeric(19) | Yes   | NOT NULL    | No    | Id of the flowchart run from Campaign (ua_ccrunlog)                |
| creation_date  | datetime    | No    | NULL        | No    | Date when the record was created                                   |
| update_date    | datetime    | No    | NULL        | No    | Date when the record was last updated                              |
| status         | varchar(50) | No    | NULL        | No    | Review status of the list (TO_NOTIFY, NOTIFYING, NOTIFIED, SUBMIT) |
| rows_to_review | numeric     | No    | NULL        | No    | Number of records to review                                        |
| rows_approved  | numeric     | No    | NULL        | No    | Number of records approved                                         |
| rows_declined  | numeric     | No    | NULL        | No    | Number of records declined                                         |
| rows_added     | numeric     | No    | NULL        | No    | Number of records added                                            |
| total_count    | numeric     | No    | NULL        | No    | Total number of records (to_review + approved + added - declined)  |

### **"uap\_listreview\_progress" table**

| Name           | Datatype     | Is PK | Null Option | Is FK | Comment                                                                  |
|----------------|--------------|-------|-------------|-------|--------------------------------------------------------------------------|
| project_id     | numeric      | No    | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| user_id        | int          | No    | NOT NULL    | No    | Foreign key into uap_user table                                          |
| creation_date  | datetime     | No    | NULL        | No    | Datetime when record was created                                         |
| update_date    | datetime     | No    | NULL        | No    | Datetime when record was last updated                                    |
| status         | nvarchar(50) | No    | NULL        | No    | Status of the review (TO_NOTIFY, NOTIFYING, NOTIFIED, SUBMIT)            |
| rows_to_review | numeric      | No    | NULL        | No    | Number of records to review                                              |
| rows_approved  | numeric      | No    | NULL        | No    | Number of records accepted                                               |
| rows_declined  | numeric      | No    | NULL        | No    | Number of records declined                                               |
| rows_added     | numeric      | No    | NULL        | No    | Number of records added                                                  |
| total_count    | numeric      | No    | NULL        | No    | Total number of records                                                  |
| run_id         | bigint       | No    | NOT NULL    | No    | Id of the flowchart run from Campaign (ua_ccrunlog)                      |
| SegmentCode    | nvarchar(64) | No    | NULL        | No    | SegmentCode of the list                                                  |

### **"uap\_managed\_list" table**

| Name            | Datatype       | Is PK | Null Option | Is FK | Comment |
|-----------------|----------------|-------|-------------|-------|---------|
| list_id         | numeric        | No    | NOT NULL    | No    |         |
| list_code       | varchar(20)    | No    | NULL        | No    |         |
| list_name       | nvarchar(255)  | No    | NULL        | No    |         |
| list_table      | varchar(50)    | No    | NULL        | No    |         |
| key_column      | varchar(50)    | No    | NULL        | No    |         |
| description     | nvarchar(1024) | No    | NULL        | No    |         |
| flag_code_first | varchar(1)     | No    | NULL        | No    |         |

### ***"uap\_mem\_fn\_map" table***

| Name          | Datatype | Is PK | Null Option | Is FK | Comment |
|---------------|----------|-------|-------------|-------|---------|
| mem_type_id   | numeric  | Yes   | NOT NULL    | Yes   |         |
| function_id   | numeric  | Yes   | NOT NULL    | Yes   |         |
| sec_policy_id | numeric  | Yes   | NOT NULL    | Yes   |         |

### ***"uap\_mem\_notify" table***

| Name          | Datatype | Is PK | Null Option | Is FK | Comment |
|---------------|----------|-------|-------------|-------|---------|
| mem_type_id   | numeric  | Yes   | NOT NULL    | Yes   |         |
| event_type    | numeric  | Yes   | NOT NULL    | Yes   |         |
| delivery_mask | numeric  | No    | NULL        | No    |         |

### ***"uap\_member\_type" table***

| Name         | Datatype     | Is PK | Null Option | Is FK | Comment |
|--------------|--------------|-------|-------------|-------|---------|
| mem_type_id  | numeric      | Yes   | NOT NULL    | No    |         |
| mem_name     | nvarchar(50) | No    | NULL        | No    |         |
| object_type  | varchar(20)  | No    | NULL        | No    |         |
| project_type | varchar(50)  | No    | NULL        | No    |         |

### ***"uap\_metric\_cols" table***

| Name           | Datatype      | Is PK | Null Option | Is FK | Comment                                                                  |
|----------------|---------------|-------|-------------|-------|--------------------------------------------------------------------------|
| project_id     | numeric       | Yes   | NOT NULL    | No    | Unique ID generated by the system, for each Project and Project Request. |
| col_taborder   | numeric       | Yes   | NOT NULL    | No    | Metrics display order                                                    |
| col_display    | nvarchar(100) | No    | NULL        | No    | Metric display name                                                      |
| flag_target    | varchar(1)    | No    | NULL        | No    | Flag if this Metric is a Target                                          |
| dimension_type | varchar(20)   | No    | NULL        | No    | Metric dimension type                                                    |

### ***"uap\_metric\_grps" table***

| Name              | Datatype      | Is PK | Null Option | Is FK | Comment                                                                  |
|-------------------|---------------|-------|-------------|-------|--------------------------------------------------------------------------|
| project_id        | numeric       | Yes   | NOT NULL    | No    | Unique ID generated by the system, for each Project and Project Request. |
| grp_id            | varchar(50)   | Yes   | NOT NULL    | No    | Metric Group ID.                                                         |
| grp_display       | nvarchar(100) | No    | NULL        | No    | Metric Group Display Name                                                |
| grp_display_order | numeric       | No    | NULL        | No    | Metric Group Display Order                                               |

### ***"uap\_ml\_bd\_type" table***

| Name         | Datatype      | Is PK | Null Option | Is FK | Comment                                                                             |
|--------------|---------------|-------|-------------|-------|-------------------------------------------------------------------------------------|
| type_id      | numeric       | Yes   | NOT NULL    | No    | Unique ID generated by the system, for each blackout (non-work) category.           |
| name         | nvarchar(255) | No    | NOT NULL    | No    | Name of the blackout category.                                                      |
| code         | nvarchar(50)  | No    | NULL        | No    | User-defined code for this blackout category.                                       |
| display      | nvarchar(305) | No    | NOT NULL    | No    | Display for the name and code.<br><br>Valid values: "Name - Code" or "Code - Name". |
| display_no   | numeric       | No    | NULL        | No    | Not currently used.                                                                 |
| flag_enabled | varchar(1)    | No    | NULL        | No    | Flag that determines whether the category is enabled (1) or disabled (0).           |



### ***"uap\_ml\_role" table***

| Name         | Datatype      | Is PK | Null Option | Is FK | Comment                                                                                       |
|--------------|---------------|-------|-------------|-------|-----------------------------------------------------------------------------------------------|
| role_id      | numeric       | Yes   | NOT NULL    | Yes   | Unique Id generated by the system for resource role type                                      |
| code         | nvarchar(50)  | No    | NULL        | No    | Resource Code                                                                                 |
| name         | nvarchar(255) | No    | NULL        | No    | Resource Name                                                                                 |
| display      | nvarchar(305) | No    | NULL        | No    | resource display name                                                                         |
| display no   | numeric       | No    | NULL        | No    | Display Order                                                                                 |
| flag_enabled | varchar(1)    | No    | NULL        | No    | Value = 'Y' if this resource type is enabled<br>Value = 'N' if this resource type is disabled |

### ***"uap\_notifications" table***

| Name              | Datatype       | Is PK | Null Option | Is FK | Comment |
|-------------------|----------------|-------|-------------|-------|---------|
| notify id         | numeric        | Yes   | NOT NULL    | No    |         |
| post datetime     | datetime       | No    | NOT NULL    | No    |         |
| evt type          | numeric        | No    | NOT NULL    | No    |         |
| evt post datetime | datetime       | No    | NOT NULL    | No    |         |
| evt source type   | numeric        | No    | NOT NULL    | No    |         |
| evt source id     | numeric        | No    | NOT NULL    | No    |         |
| evt user id       | numeric        | No    | NULL        | No    |         |
| evt id            | numeric        | No    | NULL        | No    |         |
| evt comments      | nvarchar(1024) | No    | NULL        | No    |         |

### ***"uap\_notify\_attach" table***

| Name        | Datatype     | Is PK | Null Option | Is FK | Comment |
|-------------|--------------|-------|-------------|-------|---------|
| notify id   | int          | Yes   | NOT NULL    | No    |         |
| attach seq  | numeric      | Yes   | NOT NULL    | No    |         |
| user id     | int          | No    | NULL        | No    |         |
| attach date | datetime     | No    | NULL        | No    |         |
| attach file | varchar(50)  | No    | NULL        | No    |         |
| attach path | varchar(255) | No    | NULL        | No    |         |
| attach type | varchar(50)  | No    | NULL        | No    |         |
| attach note | varchar(255) | No    | NULL        | No    |         |

### ***"uap\_notify\_msg" table***

| Name          | Datatype      | Is PK | Null Option | Is FK | Comment |
|---------------|---------------|-------|-------------|-------|---------|
| event type    | numeric       | Yes   | NOT NULL    | No    |         |
| object type   | numeric       | No    | NULL        | No    |         |
| category type | numeric       | No    | NULL        | No    |         |
| description   | nvarchar(255) | No    | NULL        | No    |         |
| display order | numeric       | No    | NULL        | No    |         |

### ***"uap\_notify\_rules" table***

| Name             | Datatype     | Is PK | Null Option | Is FK | Comment |
|------------------|--------------|-------|-------------|-------|---------|
| notify rule id   | numeric      | Yes   | NOT NULL    | No    |         |
| notify rule desc | varchar(255) | No    | NULL        | No    |         |

### ***"uap\_object\_enum" table***

| Name      | Datatype    | Is PK | Null Option | Is FK | Comment |
|-----------|-------------|-------|-------------|-------|---------|
| obj value | numeric     | Yes   | NOT NULL    | No    |         |
| obj name  | varchar(50) | No    | NULL        | No    |         |

### **"uap\_object\_enum" table**

| Name     | Datatype      | Is PK | Null Option | Is FK | Comment |
|----------|---------------|-------|-------------|-------|---------|
| obj_desc | nvarchar(100) | No    | NULL        | No    |         |

### **"uap\_object\_prefs" table**

| Name        | Datatype     | Is PK | Null Option | Is FK | Comment |
|-------------|--------------|-------|-------------|-------|---------|
| object_id   | numeric      | Yes   | NOT NULL    | No    |         |
| object_type | varchar(250) | Yes   | NOT NULL    | No    |         |
| pref_name   | varchar(250) | Yes   | NOT NULL    | No    |         |
| pref_value  | varchar(250) | No    | NULL        | No    |         |

### **"uap\_prj\_exec\_hist" table**

| Name            | Datatype    | Is PK | Null Option | Is FK | Comment                                                                  |
|-----------------|-------------|-------|-------------|-------|--------------------------------------------------------------------------|
| project_id      | numeric     | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| run_id          | bigint      | Yes   | NOT NULL    | No    |                                                                          |
| series_id       | bigint      | Yes   | NOT NULL    | No    | Id for grouping the run history according to Flowchart version Id        |
| flowchart_type  | varchar()   | Yes   | NOT NULL    | No    |                                                                          |
| state_code      | varchar(50) | No    | NULL        | No    | Indicated the status of last run (FINISHED, ERROR)                       |
| exec_start_date | datetime    | No    | NULL        | No    | indicates datetime of run start                                          |
| exec_end_date   | datetime    | No    | NULL        | No    | indicates datetime of run end                                            |
| number_of_rows  | numeric     | No    | NULL        | No    | indicates number of rows generated in List Manager table                 |
| user_id         | int         | No    | NOT NULL    | Yes   | User who requested the flowchart run                                     |
| error_msg       | text        | No    | NULL        | No    | Error message received from Campaign                                     |
| task_id         | int         | No    | NULL        | No    |                                                                          |

### **"uap\_prj\_exec\_hist\_params" table**

| Name           | Datatype     | Is PK | Null Option | Is FK | Comment                                                                  |
|----------------|--------------|-------|-------------|-------|--------------------------------------------------------------------------|
| value_id       | numeric      | Yes   | NOT NULL    | No    | Id of the value                                                          |
| run_id         | bigint       | Yes   | NOT NULL    | Yes   |                                                                          |
| name           | varchar()    | No    | NOT NULL    | No    | Internal name of the Flowchart parameter                                 |
| label          | varchar()    | No    | NULL        | No    | Label of the Flowchart parameter                                         |
| display_order  | numeric      | No    | NOT NULL    | No    | Display order in the run history                                         |
| type           | nvarchar(20) | No    | NULL        | No    | Data type of the parameter                                               |
| out            | nvarchar(1)  | No    | NULL        | No    | Indicates whether it's an input parameter or output parameter            |
| series_id      | bigint       | No    | NULL        | Yes   | Id for grouping the run history according to Flowchart version Id        |
| project_id     | numeric      | No    | NULL        | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| flowchart_type | varchar()    | No    | NULL        | Yes   |                                                                          |
| precision      | int          | No    | NULL        | No    |                                                                          |
| param_type     | int          | No    | NOT NULL    | No    | Default is 1                                                             |

### **"uap\_prj\_exec\_hist\_perrors" table**

| Name         | Datatype      | Is PK | Null Option | Is FK | Comment                              |
|--------------|---------------|-------|-------------|-------|--------------------------------------|
| run_id       | bigint        | No    | NOT NULL    | No    |                                      |
| process_name | nvarchar(100) | No    | NOT NULL    | No    | Name of the process in the Flowchart |
| error_msg    | text          | No    | NOT NULL    | No    | Error message                        |

### **"uap\_prj\_exec\_hist\_tablefile" table**

| Name      | Datatype      | Is PK | Null Option | Is FK | Comment                                             |
|-----------|---------------|-------|-------------|-------|-----------------------------------------------------|
| run_id    | bigint        | No    | NOT NULL    | No    | Id of the flowchart run from Campaign (ua_ccrunlog) |
| value_id  | numeric       | No    | NOT NULL    | No    | Id of the value                                     |
| name      | nvarchar(255) | No    | NULL        | No    | Name of the file                                    |
| attach_id | numeric       | No    | NULL        | Yes   | Foreign key into uap_attach table                   |

### **"uap\_prj\_exec\_hist\_values" table**

| Name         | Datatype       | Is PK | Null Option | Is FK | Comment                                  |
|--------------|----------------|-------|-------------|-------|------------------------------------------|
| value_id     | numeric        | Yes   | NOT NULL    | Yes   | Id of the value                          |
| string_value | nvarchar(1024) | Yes   | NOT NULL    | No    | Value in case of parameter is a String   |
| double_value | float          | Yes   | NOT NULL    | No    | Value in case of parameter is a Number   |
| date_value   | datetime       | Yes   | NOT NULL    | No    | Value in case of parameter is a Datetime |
| run_id       | bigint         | Yes   | NOT NULL    | Yes   |                                          |

### **"uap\_proj\_attach" table**

| Name             | Datatype       | Is PK | Null Option | Is FK | Comment                                                                          |
|------------------|----------------|-------|-------------|-------|----------------------------------------------------------------------------------|
| attach_id        | numeric        | Yes   | NOT NULL    | No    | Unique Id generated by the system for each project attachment                    |
| attach_orig_file | nvarchar(1024) | No    | NULL        | No    | Attachment Original file name                                                    |
| user_id          | numeric        | No    | NULL        | Yes   | These calendar settings apply to this user_id. Foreign key to uap_users.user_id. |
| attach_file      | nvarchar(255)  | No    | NULL        | No    |                                                                                  |
| mime_type        | varchar(255)   | No    | NULL        | No    |                                                                                  |
| attach_note      | nvarchar(1024) | No    | NULL        | No    |                                                                                  |
| attach_size      | nvarchar(100)  | No    | NULL        | No    |                                                                                  |
| attach_date      | datetime       | No    | NULL        | No    |                                                                                  |
| flag_mcm_item    | varchar(1)     | No    | NULL        | No    |                                                                                  |
| item_version_seq | int            | No    | NULL        | No    |                                                                                  |
| item_id          | int            | No    | NULL        | No    |                                                                                  |
| proj_folder_id   | numeric        | No    | NULL        | Yes   | Unique Id generated by sytem for each project attachments catagory / folder      |
| nb_lines         | int            | No    | NULL        | No    |                                                                                  |

### **"uap\_proj\_dyn" table**

| Name           | Datatype   | Is PK | Null Option | Is FK | Comment                                                                  |
|----------------|------------|-------|-------------|-------|--------------------------------------------------------------------------|
| project_id     | numeric    | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| map_id         | int        | Yes   | NOT NULL    | No    |                                                                          |
| attr_id        | char(18)   | Yes   | NOT NULL    | No    |                                                                          |
| value_id       | varchar()  | Yes   | NOT NULL    | No    |                                                                          |
| string_value   | nvarchar() | No    | NOT NULL    | No    |                                                                          |
| int_value      | int        | No    | NOT NULL    | No    |                                                                          |
| float_value    | float      | No    | NOT NULL    | No    |                                                                          |
| datetime_value | datetime   | No    | NOT NULL    | No    |                                                                          |
| clob_value     | binary     | No    | NOT NULL    | No    |                                                                          |

### **"uap\_proj\_folders" table**

| Name           | Datatype      | Is PK | Null Option | Is FK | Comment                                                                     |
|----------------|---------------|-------|-------------|-------|-----------------------------------------------------------------------------|
| proj_folder_id | numeric       | Yes   | NOT NULL    | No    | Unique Id generated by sytem for each project attachments catagory / folder |
| folder_name    | nvarchar(255) | No    | NULL        | No    | Project Attachments Folder / Category Internal                              |

### **"uap\_proj\_folders" table**

| Name             | Datatype       | Is PK | Null Option | Is FK | Comment                                                                                                                                                          |
|------------------|----------------|-------|-------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |                |       |             |       | Name                                                                                                                                                             |
| folder_disp_name | nvarchar(1024) | No    | NULL        | No    |                                                                                                                                                                  |
| parent_folder    | numeric        | No    | NULL        | No    | Project Attachments Parent Folder Id. This will be null If there is no parent to the current attachment folder otherwise it will have valid proj_folder_id value |
| project_id       | numeric        | No    | NULL        | Yes   | FK value to uap_projects.projec_id                                                                                                                               |
| proj_folder_type | varchar(20)    | No    | NULL        | No    |                                                                                                                                                                  |

### **"uap\_proj\_hist" table**

| Name          | Datatype       | Is PK | Null Option | Is FK | Comment                                                                  |
|---------------|----------------|-------|-------------|-------|--------------------------------------------------------------------------|
| project_id    | numeric        | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| seq_no        | numeric        | Yes   | NOT NULL    | No    | Unique Number generated by the system for Project Revision History       |
| user_id       | numeric        | No    | NULL        | Yes   | Project Modified by User                                                 |
| status_code   | varchar(20)    | No    | NULL        | Yes   | Project Status                                                           |
| last_mod_date | datetime       | No    | NULL        | No    | Project Last modified date                                               |
| cur_state     | varchar(20)    | No    | NULL        | No    | Project Current State                                                    |
| comments      | nvarchar(1024) | No    | NULL        | No    | Project Revision History Descriptions                                    |
| prev_state    | varchar(20)    | No    | NULL        | No    | Project Previous state                                                   |
| dtl_comments  | clob           | No    | NULL        | No    |                                                                          |

### **"uap\_proj\_metrics" table**

| Name             | Datatype       | Is PK | Null Option | Is FK | Comment                                                                                                                                         |
|------------------|----------------|-------|-------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| metric_id        | varchar(50)    | Yes   | NOT NULL    | No    | Metric ID name                                                                                                                                  |
| project_id       | numeric        | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request.<br><br>Foreign key for uap_projects                                    |
| display_name     | nvarchar(100)  | No    | NULL        | No    | Metric display name                                                                                                                             |
| units            | varchar(20)    | No    | NULL        | No    | Metric unit type                                                                                                                                |
| display_order    | numeric        | No    | NULL        | No    | Metric display tab order                                                                                                                        |
| input_method     | varchar(20)    | No    | NULL        | No    | Metric value input method.<br><br>Values:<br>USER, COMPUTE, LINK, ROLLUP                                                                        |
| display_format   | varchar(20)    | No    | NULL        | No    | Metric value display format                                                                                                                     |
| description      | nvarchar(1024) | No    | NULL        | No    |                                                                                                                                                 |
| metric_columns   | numeric        | No    | NULL        | No    | Number of metric dimensions / columns.<br>Maximum no.of supported dimensions / columns is 5.                                                    |
| metric_value1    | float          | No    | NULL        | No    | Metric value 1                                                                                                                                  |
| metric_value2    | float          | No    | NULL        | No    | Metric value 2                                                                                                                                  |
| metric_value3    | float          | No    | NULL        | No    | Metric value 3                                                                                                                                  |
| metric_value4    | float          | No    | NULL        | No    | Metric value 4                                                                                                                                  |
| metric_value5    | float          | No    | NULL        | No    | Metric value 5                                                                                                                                  |
| formula          | varchar(1024)  | No    | NULL        | No    | Metric compute formula.<br><br>Value cannot be null if the input_method value is "Compute." Value will be null if input_method value is "User." |
| metric_precision | numeric        | No    | NULL        | No    | Metric value decimal precision.                                                                                                                 |
| grp_id           | varchar(50)    | No    | NULL        | Yes   | Metric Group ID. FK to uap_metric_grps.grp_id                                                                                                   |
| metric1_nan      | varchar(20)    | No    | NULL        | No    | Metric 1 value internal computation errors /                                                                                                    |

### **"uap\_proj\_metrics" table**

| Name             | Datatype    | Is PK | Null Option | Is FK | Comment                                                                                                                                                      |
|------------------|-------------|-------|-------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |             |       |             |       | conditions will be saved for display                                                                                                                         |
| metric2_nan      | varchar(20) | No    | NULL        | No    | Metric 2 value internal computation errors / conditions will be saved for display                                                                            |
| metric3_nan      | varchar(20) | No    | NULL        | No    | Metric 3 value internal computation errors / conditions will be saved for display                                                                            |
| metric4_nan      | varchar(20) | No    | NULL        | No    | Metric 4 value internal computation errors / conditions will be saved for display                                                                            |
| metric5_nan      | varchar(20) | No    | NULL        | No    | Metric 5 value internal computation errors / conditions will be saved for display                                                                            |
| planned_value    | float       | No    | NULL        | No    | Planned Metric Value                                                                                                                                         |
| planned_nan      | varchar(20) | No    | NULL        | No    | Planned Metric value internal computation errors / conditions will be saved for display                                                                      |
| is_planned_value | varchar(1)  | No    | NULL        | No    | Flag if this Metric has planned value or not<br>If this value = 'Y', then this metric has planned value                                                      |
| show as rollup   | varchar(1)  | No    | NULL        | No    | Flag if this metric show in rollup display table.                                                                                                            |
| is_visible       | varchar(1)  | No    | NULL        | No    | Flag if this metric is visible in GUI<br>If this value = 'Y', this metrics will be shown in GUI otherwise it will be hidden and used for computation purpose |

### **"uap\_proj\_msgboard" table**

| Name          | Datatype       | Is PK | Null Option | Is FK | Comment                                                                  |
|---------------|----------------|-------|-------------|-------|--------------------------------------------------------------------------|
| project_id    | numeric        | Yes   | NOT NULL    | No    | Unique ID generated by the system, for each Project and Project Request. |
| msg_id        | numeric        | Yes   | NOT NULL    | No    | Unique ID generated by the system for Project Message board              |
| post_datetime | datetime       | No    | NOT NULL    | No    | Project Message Posted date                                              |
| user_id       | numeric        | No    | NULL        | Yes   | Message Posted by User. FK to uap_user.user_id                           |
| msg_text      | nvarchar(1024) | No    | NULL        | No    | Message Text                                                             |
| recipients    | varchar(512)   | No    | NULL        | No    |                                                                          |

### **"uap\_proj\_mtc\_hist" table**

| Name          | Datatype    | Is PK | Null Option | Is FK | Comment                                                                                                      |
|---------------|-------------|-------|-------------|-------|--------------------------------------------------------------------------------------------------------------|
| metric_id     | varchar(50) | Yes   | NOT NULL    | Yes   | Metric ID name                                                                                               |
| project_id    | numeric     | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request.<br><br>Foreign key for uap_projects |
| hist_datetime | datetime    | Yes   | NOT NULL    | No    |                                                                                                              |
| metric_value1 | float       | No    | NULL        | No    |                                                                                                              |
| metric_value2 | float       | No    | NULL        | No    |                                                                                                              |
| metric_value3 | float       | No    | NULL        | No    |                                                                                                              |
| metric_value4 | float       | No    | NULL        | No    |                                                                                                              |
| metric_value5 | float       | No    | NULL        | No    |                                                                                                              |
| metric1_nan   | varchar(20) | No    | NULL        | No    |                                                                                                              |
| metric2_nan   | varchar(20) | No    | NULL        | No    |                                                                                                              |
| metric3_nan   | varchar(20) | No    | NULL        | No    |                                                                                                              |
| metric4_nan   | varchar(20) | No    | NULL        | No    |                                                                                                              |
| metric5_nan   | varchar(20) | No    | NULL        | No    |                                                                                                              |

### **"uap\_proj\_notify" table**

| Name          | Datatype | Is PK | Null Option | Is FK | Comment                                                                             |
|---------------|----------|-------|-------------|-------|-------------------------------------------------------------------------------------|
| project_id    | numeric  | Yes   | NOT NULL    | No    | Unique ID generated by the system, for each Project and Project Request.            |
| event_type    | numeric  | Yes   | NOT NULL    | Yes   |                                                                                     |
| user_id       | numeric  | Yes   | NOT NULL    | Yes   | These calendar settings apply to this user_id.<br>Foreign key to uap_users.user_id. |
| delivery_mask | numeric  | No    | NOT NULL    | No    |                                                                                     |

### **"uap\_proj\_role" table**

| Name       | Datatype | Is PK | Null Option | Is FK | Comment                                                                  |
|------------|----------|-------|-------------|-------|--------------------------------------------------------------------------|
| project_id | numeric  | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| role_id    | numeric  | Yes   | NOT NULL    | Yes   | Project resource role / type id. FK to uap_ml_role                       |
| role_type  | numeric  | Yes   | NOT NULL    | No    | Role Type                                                                |

### **"uap\_proj\_users" table**

| Name        | Datatype | Is PK | Null Option | Is FK | Comment                                                                                                                                         |
|-------------|----------|-------|-------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| project_id  | numeric  | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request.                                                                        |
| user_id     | numeric  | Yes   | NOT NULL    | Yes   | Project team member internal user ID                                                                                                            |
| mem_type_id | numeric  | Yes   | NOT NULL    | Yes   | Project member type role ID<br><br>Values:<br>Owner, Requestor, Participant, Observer/Advisor<br><br>Foreign key to uap_member_type.mem_type_id |

### **"uap\_proj\_usr\_role" table**

| Name       | Datatype | Is PK | Null Option | Is FK | Comment                                                                  |
|------------|----------|-------|-------------|-------|--------------------------------------------------------------------------|
| project_id | numeric  | Yes   | NOT NULL    | Yes   | Unique ID generated by the system, for each Project and Project Request. |
| user_id    | numeric  | Yes   | NOT NULL    | Yes   | Project Role User Id                                                     |
| role_id    | numeric  | Yes   | NOT NULL    | Yes   | Resource Type Role Id                                                    |
| role_type  | numeric  | Yes   | NOT NULL    | No    | Role Type                                                                |

### **"uap\_projects" table**

| Name         | Datatype     | Is PK | Null Option | Is FK | Comment                                                                        |
|--------------|--------------|-------|-------------|-------|--------------------------------------------------------------------------------|
| project_id   | numeric      | Yes   | NOT NULL    | No    | Unique ID generated by the system, for each Project and Project Request.       |
| name         | nvarchar(50) | No    | NULL        | No    | Name of the Project or Project Request.                                        |
| description  | varchar()    | No    | NULL        | No    |                                                                                |
| status_code  | varchar(20)  | No    | NULL        | Yes   | Project / Project Status<br><br>Values:<br>Project Status codes: Late, Overdue |
| start_date   | datetime     | No    | NULL        | No    | Project target start date                                                      |
| end_date     | datetime     | No    | NULL        | No    | Project target end date                                                        |
| duration     | numeric      | No    | NULL        | No    |                                                                                |
| created_by   | numeric      | No    | NULL        | No    | User who created the Project or Project Request.                               |
| created_date | datetime     | No    | NULL        | No    | Date and time the Project or Project Request was created.                      |

## ***"uap\_projects" table***

| <b>Name</b>       | <b>Datatype</b> | <b>Is PK</b> | <b>Null Option</b> | <b>Is FK</b> | <b>Comment</b>                                                                                                                                                                                                                                                    |
|-------------------|-----------------|--------------|--------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| modified_by       | numeric         | No           | NULL               | No           | User who last modified the Project or Project Request.                                                                                                                                                                                                            |
| last_mod_date     | datetime        | No           | NULL               | No           | Date when the Project or Project Request was last modified.                                                                                                                                                                                                       |
| pcnt_comp         | numeric         | No           | NULL               | No           |                                                                                                                                                                                                                                                                   |
| flag_anchor       | varchar(1)      | No           | NULL               | No           |                                                                                                                                                                                                                                                                   |
| req_comp_date     | datetime        | No           | NULL               | No           | Project Request completion date.<br><br>Values:<br>Null if project request is not completed or if entry is a Project.                                                                                                                                             |
| wf_steps          | numeric         | No           | NULL               | No           |                                                                                                                                                                                                                                                                   |
| state_code        | varchar(20)     | No           | NULL               | No           | Project or Project Request state codes.<br><br>Values:<br>Project Request state codes: Draft, Submitted, Returned, Accepted, Cancelled.<br><br>Project state codes: Not Started, In progress, On Hold, Cancelled, Completed                                       |
| template_name     | varchar(50)     | No           | NULL               | No           | Project Template name                                                                                                                                                                                                                                             |
| metric_template   | varchar(50)     | No           | NULL               | No           | Project Metric Template name<br><br>Values:<br>Null if Project does not have any metrics                                                                                                                                                                          |
| error_code        | varchar(20)     | No           | NULL               | No           |                                                                                                                                                                                                                                                                   |
| actual_st_date    | datetime        | No           | NULL               | No           | Project actual start date                                                                                                                                                                                                                                         |
| proj_code         | varchar(100)    | No           | NULL               | No           |                                                                                                                                                                                                                                                                   |
| flag_proj_request | varchar(1)      | No           | NULL               | No           | Values:<br>'Y' for Project Request<br>'N' or null for Project                                                                                                                                                                                                     |
| proj_request_id   | numeric         | No           | NULL               | No           | Project Request ID.<br><br>Values:<br>Null if Project Request or Project is not created from Project request.<br><br>If Project is created from Project Request, it should have a valid project_id value                                                          |
| sec_policy_id     | numeric         | No           | NULL               | Yes          | Project security policy in which the current project is created. The value determines the visibility for the project.                                                                                                                                             |
| req_submit_date   | datetime        | No           | NULL               | No           | Project Request submit date.<br><br>Values:<br>Null if project request is not submitted or if entry is a Project.                                                                                                                                                 |
| actual_end_date   | datetime        | No           | NULL               | No           | Project actual end date<br><br>Note for start_date, end_date, actual_st_date, and actual_end_date: We only use two of these columns. One set is used and overloaded (both forecast and actual stored there) and there is a relationship to the status_code field. |
| campaign_id       | numeric         | No           | NULL               | No           | Campaign Id of the linked campaign from Affinium Campaign                                                                                                                                                                                                         |
| mt_mod_date       | datetime        | No           | NULL               | No           |                                                                                                                                                                                                                                                                   |
| mt_finalized_date | datetime        | No           | NULL               | No           |                                                                                                                                                                                                                                                                   |

### **"uap\_projects" table**

| Name            | Datatype       | Is PK | Null Option | Is FK | Comment                                                                                                         |
|-----------------|----------------|-------|-------------|-------|-----------------------------------------------------------------------------------------------------------------|
| mt_import_date  | datetime       | No    | NULL        | No    |                                                                                                                 |
| type            | varchar(50)    | No    | NULL        | No    | Type of project : LIST for Lists, LOCAL for On-demand Campaigns, CORPORATE for Corporate Subscription Campaigns |
| sub_cutoff_date | datetime       | No    | NULL        | No    | Subscription Cutoff Date of last or current List Review task.                                                   |
| parent_proj_id  | numeric        | No    | NULL        | No    |                                                                                                                 |
| root_proj_id    | numeric        | No    | NULL        | No    |                                                                                                                 |
| proj_level      | numeric        | No    | NULL        | No    |                                                                                                                 |
| publish_status  | nvarchar(20)   | No    | NULL        | No    | Indicates status of the template the (Valid, Review )                                                           |
| edit_status     | nvarchar(20)   | No    | NULL        | No    | Indicated whether Project can be edited according to the Template/Form publish status (Null, Enabled, Disabled) |
| sub_type        | varchar()      | No    | NULL        | No    |                                                                                                                 |
| datasource_name | Nvarchar(1024) | No    | NULL        | No    |                                                                                                                 |

### **"uap\_role\_fn\_map" table**

| Name        | Datatype   | Is PK | Null Option | Is FK | Comment                                                  |
|-------------|------------|-------|-------------|-------|----------------------------------------------------------|
| role_id     | numeric    | Yes   | NOT NULL    | Yes   | Unique Id generated by the system for resource role type |
| function_id | numeric    | Yes   | NOT NULL    | Yes   |                                                          |
| extd_perm   | varchar(1) | No    | NULL        | No    |                                                          |

### **"uap\_roles" table**

| Name          | Datatype      | Is PK | Null Option | Is FK | Comment |
|---------------|---------------|-------|-------------|-------|---------|
| role_id       | numeric       | Yes   | NOT NULL    | No    |         |
| role_name     | nvarchar(50)  | No    | NULL        | No    |         |
| role_desc     | nvarchar(255) | No    | NULL        | No    |         |
| sec_policy_id | numeric       | No    | NULL        | Yes   |         |

### **"uap\_schedule" table**

| Name              | Datatype     | Is PK | Null Option | Is FK | Comment                                             |
|-------------------|--------------|-------|-------------|-------|-----------------------------------------------------|
| schedule_id       | int          | Yes   | NOT NULL    | No    | Unique Id for a schedule                            |
| name              | varchar(100) | No    | NULL        | No    | Schedule name                                       |
| year_enum         | varchar(20)  | No    | NOT NULL    | No    | String value of Year                                |
| month_enum        | varchar(20)  | No    | NOT NULL    | No    | String value of Month                               |
| week_enum         | varchar(20)  | No    | NOT NULL    | No    | String value of Week                                |
| day_enum          | varchar(20)  | No    | NOT NULL    | No    | String value of Day                                 |
| object_type       | varchar(20)  | No    | NOT NULL    | No    | Object type                                         |
| object_id         | numeric      | No    | NULL        | Yes   | Unique Id generated by the system for each Template |
| recurrence_number | int          | No    | NULL        | No    | Number of recurrence                                |
| startDate         | datetime     | No    | NULL        | No    | Optional start date of the schedule                 |
| endDate           | datetime     | No    | NULL        | No    | Optional end date of the schedule                   |
| modify_right      | varchar()    | No    | NULL        | No    |                                                     |

### **"uap\_schedule\_periods" table**

| Name        | Datatype | Is PK | Null Option | Is FK | Comment                             |
|-------------|----------|-------|-------------|-------|-------------------------------------|
| id          | int      | Yes   | NOT NULL    | No    | Unique Id for a schedule period     |
| schedule_id | int      | No    | NOT NULL    | Yes   | Foreign key into uap_schedule table |
| seq         | int      | No    | NOT NULL    | No    | Sequence number of periods          |
| startDate   | datetime | No    | NULL        | No    | Optional start date of period       |



### ***"uap\_schedule\_periods" table***

| Name    | Datatype | Is PK | Null Option | Is FK | Comment                     |
|---------|----------|-------|-------------|-------|-----------------------------|
| endDate | datetime | No    | NULL        | No    | Optional end date of period |

### ***"uap\_schedule\_values" table***

| Name        | Datatype   | Is PK | Null Option | Is FK | Comment                                                                           |
|-------------|------------|-------|-------------|-------|-----------------------------------------------------------------------------------|
| id          | int        | Yes   | NOT NULL    | No    | Unique Id for a schedule value                                                    |
| schedule_id | int        | No    | NOT NULL    | Yes   | Foreign key into uap_schedule table                                               |
| keyvalue    | varchar(5) | No    | NOT NULL    | No    | Character identifying schedule type value is for (D day, W week, M Month, Y year) |
| seq         | int        | No    | NOT NULL    | No    | Sequence number of values                                                         |
| value       | int        | No    | NULL        | No    | Schedule value                                                                    |

### ***"uap\_scheduler\_queue" table***

| Name      | Datatype    | Is PK | Null Option | Is FK | Comment                                                                                               |
|-----------|-------------|-------|-------------|-------|-------------------------------------------------------------------------------------------------------|
| job_id    | int         | Yes   | NOT NULL    | No    | Unique Id for a job                                                                                   |
| job_type  | varchar(20) | No    | NOT NULL    | No    | Type of job (PROJECT, TASK)                                                                           |
| job_date  | datetime    | No    | NOT NULL    | No    | Datetime when the job should start                                                                    |
| state     | varchar(20) | No    | NOT NULL    | No    | Status of the job (NOT_STARTED / RUNNING / RETRY / ERROR_RESULTS / ERROR / INIT_ERROR / WAIT_RESULTS) |
| num_retry | int         | No    | NOT NULL    | No    | Current number of tries                                                                               |
| date_wait | datetime    | No    | NULL        | No    | Is alive monitor next check date                                                                      |
| num_wait  | int         | No    | NOT NULL    | No    | Is alive monitor number of tries                                                                      |

### ***"uap\_search" table***

| Name            | Datatype | Is PK | Null Option | Is FK | Comment                                                                                                                      |
|-----------------|----------|-------|-------------|-------|------------------------------------------------------------------------------------------------------------------------------|
| search_id       | numeric  | Yes   | NOT NULL    | No    | Unique ID generated by the system, for each saved search.                                                                    |
| project_type    | numeric  | Yes   | NOT NULL    | No    |                                                                                                                              |
| search_criteria | text     | No    | NULL        | No    | Criteria used to make up the saved search. The saved search is stored as an XML string, and its length is arbitrarily large. |

### ***"uap\_sec\_policy" table***

| Name          | Datatype      | Is PK | Null Option | Is FK | Comment                     |
|---------------|---------------|-------|-------------|-------|-----------------------------|
| sec_policy_id | numeric       | Yes   | NOT NULL    | No    |                             |
| name          | nvarchar(50)  | No    | NULL        | No    |                             |
| description   | nvarchar(255) | No    | NULL        | No    |                             |
| policy_type   | varchar(20)   | No    | NULL        | No    | SYSTEM ( GLOBAL )<br>CUSTOM |
| status_code   | varchar(20)   | No    | NULL        | Yes   | ENABLED<br>DISABLED         |

### ***"uap\_status" table***

| Name        | Datatype      | Is PK | Null Option | Is FK | Comment |
|-------------|---------------|-------|-------------|-------|---------|
| status_code | varchar(20)   | Yes   | NOT NULL    | No    |         |
| status_desc | nvarchar(100) | No    | NULL        | No    |         |

### **"uap\_system\_version" table**

| Name             | Datatype    | Is PK | Null Option | Is FK | Comment |
|------------------|-------------|-------|-------------|-------|---------|
| software version | varchar(20) | No    | NOT NULL    | No    |         |
| database version | varchar(20) | No    | NOT NULL    | No    |         |
| database action  | varchar(20) | No    | NOT NULL    | No    |         |
| date performed   | datetime    | No    | NULL        | No    |         |

### **"uap\_territory" table**

| Name             | Datatype  | Is PK | Null Option | Is FK | Comment |
|------------------|-----------|-------|-------------|-------|---------|
| territory code   | varchar() | Yes   | NOT NULL    | No    |         |
| level code       | varchar() | Yes   | NOT NULL    | Yes   |         |
| territory desc   | varchar() | No    | NULL        | No    |         |
| territory parent | varchar() | No    | NULL        | No    |         |
| user id          | int       | No    | NULL        | No    |         |
| subscriber id    | int       | No    | NULL        | No    |         |

### **"uap\_tt\_att\_folders" table**

| Name             | Datatype      | Is PK | Null Option | Is FK | Comment                                                                           |
|------------------|---------------|-------|-------------|-------|-----------------------------------------------------------------------------------|
| folder_id        | int           | Yes   | NOT NULL    | Yes   | Unique Id genererted by the system for each template attachment folder / category |
| template_id      | numeric       | No    | NULL        | Yes   | Unique Id generated by the system for each Template                               |
| parent_folder_id | numeric       | No    | NULL        | No    | Parent Folder / Categroy Id. This is FK to uap tt att folders.folder_id           |
| folder_name      | nvarchar(255) | No    | NULL        | No    | Template Attachment Folder / Categoty name                                        |
| folder_display   | nvarchar(255) | No    | NULL        | No    | Template Attachment Folder / Category description                                 |
| display_order    | numeric       | No    | NULL        | No    | Folder display order.                                                             |

### **"uap\_tt\_attachments" table**

| Name            | Datatype      | Is PK | Null Option | Is FK | Comment                                                                           |
|-----------------|---------------|-------|-------------|-------|-----------------------------------------------------------------------------------|
| attachment_id   | numeric       | Yes   | NOT NULL    | No    | Unique Id generated by the system for each Template Attachment Id                 |
| folder_id       | int           | No    | NULL        | Yes   | Unique Id genererted by the system for each template attachment folder / category |
| template_id     | numeric       | No    | NULL        | Yes   | Unique Id generated by the system for each Template                               |
| attachment name | nvarchar(255) | No    | NULL        | No    | Attachment Name                                                                   |
| attachment mime | nvarchar(255) | No    | NULL        | No    | Attachment File MIME type                                                         |
| attachment ext  | nvarchar(20)  | No    | NULL        | No    | Attachment File Extension such .PDF, .DOC                                         |
| display_order   | numeric       | No    | NULL        | No    | Folder display order.                                                             |
| user_id         | numeric       | No    | NULL        | Yes   | These calendar settings apply to this user_id. Foreign key to uap_users.user_id.  |
| attachment date | datetime      | No    | NULL        | No    |                                                                                   |

### **"uap\_tt\_data\_map" table**

| Name        | Datatype     | Is PK | Null Option | Is FK | Comment                     |
|-------------|--------------|-------|-------------|-------|-----------------------------|
| data_map id | int          | Yes   | NOT NULL    | No    | Unique ID for each data map |
| name        | nvarchar(50) | No    | NULL        | No    | Name of the data map        |
| type        | numeric      | No    | NOT NULL    | No    | Type of the data map        |

### **"uap\_tt\_ext\_param" table**

| Name        | Datatype      | Is PK | Null Option | Is FK | Comment                                                       |
|-------------|---------------|-------|-------------|-------|---------------------------------------------------------------|
| ext_tool_id | numeric       | Yes   | NOT NULL    | Yes   | Unique Id generated by the system for each External Tool Link |
| param_name  | nvarchar(200) | Yes   | NOT NULL    | No    |                                                               |
| param_value | nvarchar(100) | No    | NULL        | No    |                                                               |

### **"uap\_tt\_ext\_tools" table**

| Name          | Datatype      | Is PK | Null Option | Is FK | Comment                                                                                           |
|---------------|---------------|-------|-------------|-------|---------------------------------------------------------------------------------------------------|
| ext_tool_id   | numeric       | Yes   | NOT NULL    | No    | Unique Id generated by the system for each External Tool Link                                     |
| ext_url       | nvarchar(200) | No    | NULL        | No    | External tool URL                                                                                 |
| template_id   | numeric       | No    | NULL        | Yes   | Unique Id generated by the system for each Template                                               |
| name          | nvarchar(50)  | No    | NULL        | No    | External Tool Name                                                                                |
| display       | nvarchar(50)  | No    | NULL        | No    | External Tool Display                                                                             |
| description   | nvarchar(200) | No    | NULL        | No    | External Tool description                                                                         |
| show_in_rq    | numeric       | No    | NULL        | No    | Flag to indicate if this external link is aviable in Project Request<br><br>Valid Values: YES, NO |
| display_order | numeric       | No    | NULL        | No    | External Tool Display order                                                                       |

### **"uap\_tt\_flowchart" table**

| Name           | Datatype      | Is PK | Null Option | Is FK | Comment                                             |
|----------------|---------------|-------|-------------|-------|-----------------------------------------------------|
| template_id    | numeric       | No    | NULL        | Yes   | Unique Id generated by the system for each Template |
| flowchart_type | varchar(50)   | No    | NULL        | No    |                                                     |
| flowchart_name | nvarchar(250) | No    | NULL        | No    |                                                     |
| id             | numeric       | No    | NULL        | No    |                                                     |

### **"uap\_tt\_flowchart\_process" table**

| Name                 | Datatype       | Is PK | Null Option | Is FK | Comment                                      |
|----------------------|----------------|-------|-------------|-------|----------------------------------------------|
| flowchart_process_id | numeric        | Yes   | NOT NULL    | No    | Unique Id for a flowchart process definition |
| map_flowchart_id     | numeric        | No    | NULL        | Yes   | Foreign key into uap_tt_map_flowchart table. |
| parent_id            | numeric(19)    | No    | NULL        | No    | Process Parent Id from Affinium Campaign     |
| process_id           | numeric(19)    | No    | NOT NULL    | No    | Process Id from Affinium Campaign            |
| process_name         | nvarchar(64)   | No    | NOT NULL    | No    | Process Name from Affinium Campaign          |
| process_type         | varchar()      | No    | NOT NULL    | No    | Process Type from Affinium Campaign          |
| process_description  | nvarchar(1024) | No    | NULL        | No    | Process Description from Affinium campaign   |

### **"uap\_tt\_folders" table**

| Name               | Datatype       | Is PK | Null Option | Is FK | Comment |
|--------------------|----------------|-------|-------------|-------|---------|
| folder_id          | int            | Yes   | NOT NULL    | No    |         |
| object_type        | numeric        | No    | NULL        | No    |         |
| folder_name        | nvarchar(255)  | No    | NULL        | No    |         |
| folder_display     | nvarchar(255)  | No    | NULL        | No    |         |
| folder_desc        | nvarchar(1024) | No    | NULL        | No    |         |
| parent_folder_id   | numeric        | No    | NULL        | No    |         |
| folder_status      | varchar(20)    | No    | NULL        | No    |         |
| parent_folder_path | nvarchar(1024) | No    | NULL        | No    |         |
| sec_policy_id      | numeric        | No    | NULL        | Yes   |         |
| folder_type        | varchar(20)    | No    | NULL        | No    |         |
| folder_location    | nvarchar(1024) | No    | NULL        | No    |         |

### **"uap\_tt\_icons" table**

| Name          | Datatype     | Is PK | Null Option | Is FK | Comment                                         |
|---------------|--------------|-------|-------------|-------|-------------------------------------------------|
| icon id       | numeric      | Yes   | NOT NULL    | No    | Unique Id generated by the system for each Icon |
| name          | nvarchar(50) | No    | NULL        | No    | Icon Display Name                               |
| extension     | nvarchar(20) | No    | NULL        | No    | Icon Extension                                  |
| listextension | nvarchar(20) | No    | NULL        | No    | Icon List Extension                             |

### **"uap\_tt\_map" table**

| Name             | Datatype      | Is PK | Null Option | Is FK | Comment                                         |
|------------------|---------------|-------|-------------|-------|-------------------------------------------------|
| map id           | numeric       | Yes   | NOT NULL    | No    | Unique Id for a form                            |
| map name         | nvarchar(50)  | No    | NULL        | No    | Name of the form                                |
| table name       | nvarchar(50)  | No    | NULL        | No    | Internal name of the form                       |
| key column       | nvarchar(50)  | No    | NULL        | No    | Not used                                        |
| key type         | nvarchar(50)  | No    | NULL        | No    | Not used                                        |
| state            | nvarchar(50)  | No    | NULL        | No    | Form state (Published, Non-Published, Disabled) |
| root element     | nvarchar(100) | No    | NULL        | No    | Not used. Default value is " details "          |
| description      | nvarchar(300) | No    | NULL        | No    | Description of the Form                         |
| column span      | numeric       | No    | NULL        | No    | Number of columns (1 or 2)                      |
| copy of          | numeric       | No    | NULL        | No    | Id of the form the form is issued from          |
| user id          | numeric       | No    | NULL        | Yes   | User who created the form                       |
| publish status   | nvarchar(20)  | No    | NULL        | No    | Publication status (Valid, Invalid, To Merge)   |
| published form   | numeric       | No    | NULL        | No    | Id of the Form to be merged with                |
| parent folder id | int           | No    | NULL        | No    | Default is -1                                   |
| created date     | datetime      | No    | NULL        | No    |                                                 |
| last mod date    | datetime      | No    | NULL        | No    |                                                 |

### **"uap\_tt\_map\_element\_link" table**

| Name                | Datatype     | Is PK | Null Option | Is FK | Comment                                      |
|---------------------|--------------|-------|-------------|-------|----------------------------------------------|
| map element link id | numeric      | Yes   | NOT NULL    | No    | Unique Id for a form multi select            |
| map id              | numeric      | No    | NOT NULL    | Yes   | Foreign key into uap_tt_map table.           |
| map info group id   | numeric      | No    | NULL        | Yes   | Foreign key into uap_tt_map_info_group table |
| map info id         | numeric      | No    | NOT NULL    | Yes   | Foreign key into uap_tt_map_info table       |
| tab order           | numeric      | No    | NULL        | No    | Order of the element                         |
| required            | nvarchar(20) | No    | NULL        | No    | Required flag                                |
| read only           | nvarchar(20) | No    | NULL        | No    | Read only flag                               |
| is dependent        | nvarchar(20) | No    | NULL        | No    | Is dependant flag                            |

### **"uap\_tt\_map\_flowchart" table**

| Name                 | Datatype      | Is PK | Null Option | Is FK | Comment                                     |
|----------------------|---------------|-------|-------------|-------|---------------------------------------------|
| map flowchart id     | numeric       | Yes   | NOT NULL    | No    | Unique Id for a flowchart map               |
| map id               | numeric       | No    | NULL        | Yes   | Foreign key into uap_tt_map table.          |
| flowchart type       | varchar(50)   | No    | NULL        | No    | Flowchart type (LIST or CAMAPIGN)           |
| flowchart id         | numeric(19)   | No    | NOT NULL    | No    | Flowchart Id from Affinium Campaign         |
| flowchart name       | nvarchar(255) | No    | NOT NULL    | No    | Flowchart Name from Affinium Campaign       |
| campaign id          | numeric(19)   | No    | NOT NULL    | No    | Campaign Id from Affinium Campaign          |
| flowchart version id | numeric(19)   | No    | NOT NULL    | No    | Flowchart Version Id from Affinium Campaign |

### **"uap\_tt\_map\_info" table**

| Name         | Datatype      | Is PK | Null Option | Is FK | Comment                            |
|--------------|---------------|-------|-------------|-------|------------------------------------|
| map info id  | numeric       | Yes   | NOT NULL    | No    | Unique Id for a form attribute     |
| map id       | numeric       | No    | NULL        | Yes   | Foreign key into uap_tt_map table. |
| label        | varchar()     | No    | NULL        | No    | Label of the attribute             |
| element name | nvarchar(100) | No    | NULL        | No    | Internal name of the attribute     |

### **"uap\_tt\_map\_info" table**

| Name                | Datatype       | Is PK | Null Option | Is FK | Comment                                                              |
|---------------------|----------------|-------|-------------|-------|----------------------------------------------------------------------|
| type                | nvarchar(50)   | No    | NULL        | No    | UI type of the attribute                                             |
| db_type             | nvarchar(50)   | No    | NULL        | No    | Datatype of the attribute                                            |
| db_column_name      | nvarchar(50)   | No    | NULL        | No    | Internal code                                                        |
| max_length          | numeric        | No    | NULL        | No    | Maximum length of the attribute value                                |
| lkup_table          | nvarchar(100)  | No    | NULL        | No    | Lookup table name for the attribute                                  |
| lkup_id_column      | nvarchar(50)   | No    | NULL        | No    | Name of the column from the lookup table where value is stored       |
| lkup_desc_column    | nvarchar(100)  | No    | NULL        | No    | Name of the column from the lookup table where description is stored |
| lkup_sort_column    | nvarchar(100)  | No    | NULL        | No    | Name of the column from the lookup table to sort on                  |
| lkup_sort_coldbtype | nvarchar(50)   | No    | NULL        | No    | Datatype of the sort column of the lookup table                      |
| lkup_sort_ascending | nvarchar(50)   | No    | NULL        | No    | Sort order for the lookup table                                      |
| help_tip            | nvarchar(1024) | No    | NULL        | No    | Help tip for the attribute                                           |
| message             | nvarchar(300)  | No    | NULL        | No    | Message to display when field is required and user forget to fill it |
| default_value       | nvarchar(1024) | No    | NULL        | No    | Default value                                                        |
| description         | varchar()      | No    | NULL        | No    | Description of the attribute                                         |
| element_precision   | numeric        | No    | NULL        | No    | Number of digits in the decimal part of the number                   |
| paramType           | numeric        | No    | NULL        | No    | Type of attribute (0, 1, 2, 4)                                       |
| modifFlag           | nvarchar(65)   | No    | NULL        | No    | Flag for type of update when republishing a flowchart                |

### **"uap\_tt\_map\_info\_dependent" table**

| Name                  | Datatype     | Is PK | Null Option | Is FK | Comment                                         |
|-----------------------|--------------|-------|-------------|-------|-------------------------------------------------|
| map_info_dependent_id | numeric      | Yes   | NOT NULL    | No    | Unique Id for a form dependant element          |
| map_id                | numeric      | No    | NOT NULL    | Yes   | Foreign key into uap_tt_map table.              |
| map_element_link_id   | numeric      | No    | NOT NULL    | Yes   | Foreign key into uap_tt_map_element_link table. |
| map_info_dependent    | nvarchar(50) | No    | NULL        | No    | Foreign key into uap_tt_map_info.db_column_name |

### **"uap\_tt\_map\_info\_flowchart\_prm" table**

| Name                        | Datatype       | Is PK | Null Option | Is FK | Comment                                        |
|-----------------------------|----------------|-------|-------------|-------|------------------------------------------------|
| map_info_flowchart_param_id | numeric        | Yes   | NOT NULL    | No    | Unique Id for a flowchart parameter definition |
| map_flowchart_id            | numeric        | No    | NULL        | Yes   | Foreign key into uap_tt_map_flowchart table.   |
| process_id                  | numeric(19)    | No    | NULL        | No    | Process Id from Affinium Campaign              |
| map_info_id                 | numeric        | No    | NULL        | Yes   | Foreign key into uap_tt_map_info table         |
| flowchart_param_id          | nvarchar(1024) | No    | NOT NULL    | No    | Flowchart parameter Id from Campaign           |
| flowchart_param_name        | nvarchar(1024) | No    | NOT NULL    | No    | Flowchart Parameter name from Campaign         |
| flowchart_param_dbtype      | nvarchar(50)   | No    | NOT NULL    | No    | Flowchart Parameter DB type from Campaign      |

### **"uap\_tt\_map\_info\_group" table**

| Name              | Datatype      | Is PK | Null Option | Is FK | Comment                               |
|-------------------|---------------|-------|-------------|-------|---------------------------------------|
| map_info_group_id | numeric       | Yes   | NOT NULL    | No    | Unique Id for a form group            |
| map_id            | numeric       | No    | NULL        | Yes   | Foreign key into uap_tt_map table.    |
| element_name      | nvarchar(100) | No    | NULL        | No    | Internal name of the group            |
| tab_order         | numeric       | No    | NULL        | No    | Display order of the group            |
| header            | nvarchar(200) | No    | NULL        | No    | Label of the group header             |
| description       | nvarchar(300) | No    | NULL        | No    | Description of the group              |
| help_tip          | nvarchar(300) | No    | NULL        | No    | Help tip of the group                 |
| column_span       | numeric       | No    | NULL        | No    | Number of columns of the group (1, 2) |

### **"uap\_tt\_map\_info\_group" table**

| Name       | Datatype     | Is PK | Null Option | Is FK | Comment                     |
|------------|--------------|-------|-------------|-------|-----------------------------|
| show_group | nvarchar(20) | No    | NULL        | No    | Display Group header or not |

### **"uap\_tt\_map\_info\_option" table**

| Name               | Datatype      | Is PK | Null Option | Is FK | Comment                                |
|--------------------|---------------|-------|-------------|-------|----------------------------------------|
| map_info_option_id | numeric       | Yes   | NOT NULL    | No    | Unique Id for a form attribute option  |
| map_id             | numeric       | No    | NULL        | Yes   | Foreign key into uap_tt_map table.     |
| map_info_id        | numeric       | No    | NULL        | Yes   | Foreign key into uap_tt_map_info table |
| option_value       | nvarchar(450) | No    | NULL        | No    | Value of the option                    |
| option_display     | nvarchar(450) | No    | NULL        | No    | Label of the option                    |
| option_order       | numeric       | No    | NOT NULL    | No    | Display order of the option            |

### **"uap\_tt\_ms\_link" table**

| Name            | Datatype      | Is PK | Null Option | Is FK | Comment                                 |
|-----------------|---------------|-------|-------------|-------|-----------------------------------------|
| ms_link_id      | numeric       | Yes   | NOT NULL    | No    | Unique Id for a form multi select       |
| map_id          | numeric       | No    | NULL        | Yes   | Foreign key into uap_tt_map table.      |
| map_info_id     | numeric       | No    | NULL        | Yes   | Foreign key into uap_tt_map_info table. |
| table_name      | nvarchar(50)  | No    | NULL        | No    |                                         |
| key_column      | nvarchar(50)  | No    | NULL        | No    |                                         |
| key_type        | nvarchar(50)  | No    | NULL        | No    |                                         |
| link_key_column | nvarchar(50)  | No    | NULL        | No    |                                         |
| link_key_type   | nvarchar(50)  | No    | NULL        | No    |                                         |
| root_element    | nvarchar(100) | No    | NULL        | No    |                                         |

### **"uap\_tt\_ms\_link\_map\_info" table**

| Name                | Datatype      | Is PK | Null Option | Is FK | Comment                                |
|---------------------|---------------|-------|-------------|-------|----------------------------------------|
| ms_link_map_info_id | numeric       | Yes   | NOT NULL    | No    |                                        |
| ms_link_id          | numeric       | No    | NULL        | Yes   | Foreign key into uap_tt_ms_link table  |
| map_id              | numeric       | No    | NULL        | Yes   | Foreign key into uap_tt_map table.     |
| map_info_id         | numeric       | No    | NULL        | Yes   | Foreign key into uap_tt_map_info table |
| label               | nvarchar(200) | No    | NULL        | No    |                                        |
| element_name        | nvarchar(100) | No    | NULL        | No    |                                        |
| type                | nvarchar(50)  | No    | NULL        | No    |                                        |
| db_type             | nvarchar(50)  | No    | NULL        | No    |                                        |
| db_column_name      | nvarchar(50)  | No    | NULL        | No    |                                        |
| lkup_table          | nvarchar(100) | No    | NULL        | No    |                                        |
| lkup_id_column      | nvarchar(50)  | No    | NULL        | No    |                                        |
| lkup_desc_column    | nvarchar(100) | No    | NULL        | No    |                                        |
| lkup_sort_column    | nvarchar(100) | No    | NULL        | No    |                                        |
| lkup_sort_coldbtype | nvarchar(50)  | No    | NULL        | No    |                                        |
| lkup_sort_ascending | nvarchar(50)  | No    | NULL        | No    |                                        |

### **"uap\_tt\_roles" table**

| Name          | Datatype      | Is PK | Null Option | Is FK | Comment                                                                     |
|---------------|---------------|-------|-------------|-------|-----------------------------------------------------------------------------|
| template_id   | numeric       | Yes   | NOT NULL    | Yes   | Unique Id generated by the system for each Template                         |
| role_id       | numeric       | Yes   | NOT NULL    | Yes   | Unique Id generated by the system for resource role type. FK to uap_ml_role |
| role_name     | nvarchar(255) | No    | NULL        | No    | Name of the role                                                            |
| flag_team_mem | nvarchar(1)   | No    | NULL        | No    | Whether or not this is a team member role                                   |

### "uap\_tt\_sec\_policy" table

| Name          | Datatype | Is PK | Null Option | Is FK | Comment                                             |
|---------------|----------|-------|-------------|-------|-----------------------------------------------------|
| template_id   | numeric  | Yes   | NOT NULL    | Yes   | Unique Id generated by the system for each Template |
| sec_policy_id | numeric  | Yes   | NOT NULL    | Yes   | Security Policy ID                                  |

### "uap\_tt\_tab" table

| Name             | Datatype      | Is PK | Null Option | Is FK | Comment                                                                                                 |
|------------------|---------------|-------|-------------|-------|---------------------------------------------------------------------------------------------------------|
| template_id      | numeric       | Yes   | NOT NULL    | Yes   | Unique Id generated by the system for each Template                                                     |
| map_id           | numeric       | Yes   | NOT NULL    | Yes   | Unique Id for a form.                                                                                   |
| tab_order        | numeric       | No    | NULL        | No    |                                                                                                         |
| name             | nvarchar(100) | No    | NULL        | No    |                                                                                                         |
| display          | nvarchar(100) | No    | NULL        | No    |                                                                                                         |
| map_file         | nvarchar(200) | No    | NULL        | No    |                                                                                                         |
| page_style       | nvarchar(20)  | No    | NULL        | No    |                                                                                                         |
| show_in_wizard   | nvarchar(20)  | No    | NULL        | No    |                                                                                                         |
| show_in_request  | nvarchar(20)  | No    | NULL        | No    |                                                                                                         |
| validation_class | nvarchar(200) | No    | NULL        | No    | Grid tabs can have validation; if so, this is the validation class used to validate this grid tab.      |
| rules_file_id    | numeric       | No    | NULL        | No    | Unique Id for the rules file associated with this grid tab.<br><br>Foreign key into uap_tt_rules table. |

### "uap\_tt\_templates" table

| Name              | Datatype      | Is PK | Null Option | Is FK | Comment                                                                     |
|-------------------|---------------|-------|-------------|-------|-----------------------------------------------------------------------------|
| template_id       | numeric       | Yes   | NOT NULL    | No    | Unique Id generated by the system for each Template                         |
| object_type       | numeric       | No    | NULL        | No    |                                                                             |
| state             | numeric       | No    | NULL        | No    | Template state<br>Valid values : 0 - Development 1 - Production 2 - Retired |
| template_name     | nvarchar(50)  | No    | NULL        | No    | Template id name                                                            |
| actual_display    | nvarchar(50)  | No    | NULL        | No    |                                                                             |
| display           | nvarchar(50)  | No    | NULL        | No    | Template display                                                            |
| folder_name       | nvarchar(50)  | No    | NULL        | No    |                                                                             |
| icon_id           | numeric       | No    | NULL        | Yes   | Unique Id generated by the system for each Icon                             |
| folder_icon       | nvarchar(300) | No    | NULL        | No    | Template Folder Icon Image                                                  |
| description       | nvarchar(300) | No    | NULL        | No    | Template Description                                                        |
| template_file     | nvarchar(300) | No    | NULL        | No    |                                                                             |
| pid_prefix        | nvarchar(30)  | No    | NULL        | No    |                                                                             |
| pid_gen_class     | nvarchar(100) | No    | NULL        | No    | PID generation java class name                                              |
| validation_class  | nvarchar(100) | No    | NULL        | No    | Validation java class name                                                  |
| m_template_id     | int           | No    | NULL        | No    | Unique Id generated by the system for each metric template                  |
| use_campaign_code | numeric       | No    | NULL        | No    |                                                                             |
| service_url       | nvarchar(200) | No    | NULL        | No    | Campaign webservice URL                                                     |
| data_map_file     | nvarchar(300) | No    | NULL        | No    | Campaign data map file name                                                 |
| metrics_map_file  | nvarchar(300) | No    | NULL        | No    | Campaign Import metrics map file name                                       |
| partition_id      | nvarchar(50)  | No    | NULL        | No    |                                                                             |
| camp_folder_id    | nvarchar(50)  | No    | NULL        | No    |                                                                             |
| workflow_id       | int           | No    | NULL        | Yes   | Unique Id generated by the system for each Workflow Template                |
| workflow_id       | int           | No    | NULL        | Yes   |                                                                             |
| data_map_id       | numeric       | No    | NULL        | Yes   | Unique ID for each data map                                                 |
| metric_map_id     | numeric       | No    | NULL        | No    |                                                                             |
| type              | varchar(50)   | No    | NULL        | No    |                                                                             |

### ***"uap\_tt\_templates" table***

| Name                     | Datatype       | Is PK | Null Option | Is FK | Comment |
|--------------------------|----------------|-------|-------------|-------|---------|
| parent folder id         | numeric        | No    | NULL        | No    |         |
| publish status           | nvarchar(20)   | No    | NULL        | No    |         |
| sub_type                 | varchar()      | No    | NULL        | No    |         |
| links per row            | int            | No    | NULL        | No    |         |
| datasource name          | nvarchar(1024) | No    | NULL        | No    |         |
| date recal behavior      | int            | No    | NULL        | No    |         |
| show comments box        | int            | No    | NULL        | No    |         |
| created date             | datetime       | No    | NULL        | No    |         |
| last mod date            | datetime       | No    | NULL        | No    |         |
| enable offer integration | int            | No    | NULL        | No    |         |
| custom validation class  | nvarchar(100)  | No    | NULL        | No    |         |

### ***"uap\_tt\_tool\_tab" table***

| Name        | Datatype | Is PK | Null Option | Is FK | Comment                                                       |
|-------------|----------|-------|-------------|-------|---------------------------------------------------------------|
| ext_tool_id | numeric  | No    | NULL        | Yes   | Unique Id generated by the system for each External Tool Link |
| map_id      | numeric  | No    | NULL        | Yes   | Unique Id for a form.                                         |
| template_id | numeric  | No    | NULL        | Yes   | Unique Id generated by the system for each Template           |

### ***"uap\_tt\_workflow" table***

| Name             | Datatype       | Is PK | Null Option | Is FK | Comment                                                    |
|------------------|----------------|-------|-------------|-------|------------------------------------------------------------|
| workflow_id      | Int            | Yes   | NOT NULL    | No    |                                                            |
| display name     | Nvarchar(100)  | No    | NULL        | No    |                                                            |
| description      | Nvarchar(1024) | No    | NULL        | No    |                                                            |
| task_type        | varchar(10)    | No    | NOT NULL    | No    |                                                            |
| task_order       | Int            | No    | NOT NULL    | No    |                                                            |
| parent_id        | Int            | No    | NOT NULL    | No    |                                                            |
| anchored         | varchar(1)     | No    | NOT NULL    | No    |                                                            |
| duration units   | varchar(20)    | No    | NULL        | No    |                                                            |
| duration         | Float          | No    | NULL        | No    |                                                            |
| role_id          | Int            | No    | NOT NULL    | No    |                                                            |
| milestone_id     | Int            | No    | NOT NULL    | Yes   | Unique ID generated by the system, for each Milestone Type |
| schedule through | varchar(20)    | No    | NOT NULL    | No    |                                                            |

### ***"uap\_tt\_workflow\_template" table***

| Name          | Datatype  | Is PK | Null Option | Is FK | Comment |
|---------------|-----------|-------|-------------|-------|---------|
| workflow_id   | Int       | Yes   | NOT NULL    | No    |         |
| name          | varchar() | No    | NULL        | No    |         |
| status_flag   | Int       | No    | NULL        | No    |         |
| created date  | Datetime  | No    | NULL        | No    |         |
| last mod date | Datetime  | No    | NULL        | No    |         |

### ***"uap\_tt\_workflows" table***

| Name        | Datatype     | Is PK | Null Option | Is FK | Comment                                                      |
|-------------|--------------|-------|-------------|-------|--------------------------------------------------------------|
| workflow_id | Int          | Yes   | NOT NULL    | No    | Unique Id generated by the system for each Workflow Template |
| name        | Nvarchar(50) | No    | NULL        | No    | Workflow Template Name                                       |



### "uap\_uf\_crit" table

| Name          | Datatype      | Is PK | Null Option | Is FK | Comment                                                             |
|---------------|---------------|-------|-------------|-------|---------------------------------------------------------------------|
| ufolder_id    | Numeric       | Yes   | NOT NULL    | No    | Unique Id generated by the System for each user personalized folder |
| seq_no        | Numeric       | Yes   | NOT NULL    | No    | User folder search / selection criteria sequence no                 |
| col_name      | varchar(50)   | No    | NULL        | No    | Search criteria column name                                         |
| crit_operator | varchar(20)   | No    | NULL        | No    | Search criteria operator. valid values are =,LIKE                   |
| col_value     | Nvarchar(255) | No    | NULL        | No    | Search criteria column vlue                                         |
| crit_logic_op | varchar(3)    | No    | NULL        | No    | Search criteria logical operator. Valid values AND, OR              |

### "uap\_user" table

| Name          | Datatype      | Is PK | Null Option | Is FK | Comment                     |
|---------------|---------------|-------|-------------|-------|-----------------------------|
| user_id       | numeric       | Yes   | NOT NULL    | Yes   |                             |
| last_name     | nvarchar(50)  | No    | NULL        | No    |                             |
| first_name    | nvarchar(50)  | No    | NULL        | No    |                             |
| last_mod_date | datetime      | No    | NULL        | No    |                             |
| login_id      | nvarchar(20)  | No    | NULL        | No    |                             |
| status_code   | varchar(20)   | No    | NULL        | Yes   | ENABLED<br>DISABLED/DELETED |
| email_id      | nvarchar(100) | No    | NULL        | Yes   |                             |

### "uap\_user\_cal\_opt" table

| Name          | Datatype    | Is PK | Null Option | Is FK | Comment                                                                                                                                                                       |
|---------------|-------------|-------|-------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| calendar_type | varchar(20) | Yes   | NOT NULL    | No    | Its value is one of the CAT_* constants defined in UAPConstants.java                                                                                                          |
| user_id       | numeric     | Yes   | NOT NULL    | Yes   | These calendar settings apply to this user_id.<br>Foreign key to uap_users.user_id.                                                                                           |
| seq_no        | numeric     | Yes   | NOT NULL    | No    |                                                                                                                                                                               |
| column_value  | varchar(50) | No    | NULL        | No    | For predefined info,<br>its value is one of the PROJECT_* constants defined in UAPListConstants.java<br><br>For milestone types, its value is uap_wf_milestone.milestone_type |
| column_type   | varchar(20) | No    | NULL        | No    |                                                                                                                                                                               |

### "uap\_user\_folders" table

| Name          | Datatype      | Is PK | Null Option | Is FK | Comment                                                                                          |
|---------------|---------------|-------|-------------|-------|--------------------------------------------------------------------------------------------------|
| ufolder_id    | numeric       | Yes   | NOT NULL    | No    | Unique Id generated by the System for each user personalized folder                              |
| project_type  | numeric       | Yes   | NOT NULL    | No    |                                                                                                  |
| user_id       | numeric       | No    | NULL        | Yes   | Folder User Id. FK to uap_user.user_id                                                           |
| folder_type   | varchar(20)   | No    | NULL        | No    | Folder Type.<br>Valid values are PROJECT, PROGRAM,PLAN                                           |
| name          | nvarchar(50)  | No    | NULL        | No    | Folder Name                                                                                      |
| description   | nvarchar(255) | No    | NULL        | No    | Folder Description                                                                               |
| parent_folder | numeric       | No    | NULL        | No    | Parent System Folder ID.<br><br>This value refers to ufolder_id of other rows within this table. |
| sys_folder_id | numeric       | No    | NULL        | No    | System Folder ID.<br>-1 - User saved search                                                      |

### **"uap\_user\_folders" table**

| Name       | Datatype | Is PK | Null Option | Is FK | Comment                                                                                                                                                                                                                                                                                                                                           |
|------------|----------|-------|-------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            |          |       |             |       | 1 - All Projects and Requests<br>2 - Active Projects and Requests<br>3 - My Projects<br>4 - My Requests<br>11 - All Programs<br>12 - Active Programs<br>13 - My Programs<br>21 - All Invoices<br>22 - My Active Invoices<br>31 - All Plans<br>32 - Active Plans<br>41 - All Accounts<br>42 - Active Accounts<br>51 - All RFQs<br>52 - Active RFQs |
| created by | numeric  | No    | NULL        | No    |                                                                                                                                                                                                                                                                                                                                                   |

### **"uap\_user\_list" table**

| Name         | Datatype    | Is PK | Null Option | Is FK | Comment                                                                                                                                                |
|--------------|-------------|-------|-------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| column_type  | varchar(20) | Yes   | NOT NULL    | No    | list, calendar                                                                                                                                         |
| ufolder_id   | numeric     | Yes   | NOT NULL    | Yes   | Unique Id generated by the System for each user personalized folder                                                                                    |
| seq_no       | numeric     | Yes   | NOT NULL    | Yes   | List Column Sequence no                                                                                                                                |
| column_id    | varchar(50) | No    | NULL        | No    | List column database column id / name                                                                                                                  |
| flag_ext_col | varchar(1)  | No    | NULL        | No    | Value = 'Y' if this column is extended/custom database table column<br>Value = 'N' if this column is a standard/predefined column such as PROJECT_NAME |
| tab_order    | numeric     | No    | NULL        | No    | List column display order                                                                                                                              |

### **"uap\_user\_pref" table**

| Name               | Datatype    | Is PK | Null Option | Is FK | Comment                           |
|--------------------|-------------|-------|-------------|-------|-----------------------------------|
| user_id            | numeric     | Yes   | NOT NULL    | No    |                                   |
| ufolder_id         | numeric     | No    | NULL        | No    |                                   |
| default_module     | varchar(20) | No    | NULL        | No    | PROJECT<br>APPROVAL<br>PLAN       |
| default_view       | varchar(20) | No    | NULL        | No    | LIST<br>CALENDAR                  |
| proj_wf_view       | varchar(20) | No    | NULL        | No    |                                   |
| default_cal_opt    | varchar(1)  | No    | NULL        | No    |                                   |
| default_alert_ch   | varchar(20) | No    | NULL        | No    |                                   |
| default_sec_policy | numeric     | No    | NULL        | No    |                                   |
| appr_folder_id     | numeric     | No    | NULL        | No    | The approval folder for the user. |
| ulistfolder_id     | numeric     | No    | NULL        | No    |                                   |
| ulocalfolder_id    | numeric     | No    | NULL        | No    |                                   |
| ucorpfolder_id     | numeric     | No    | NULL        | No    |                                   |

### **"uap\_user\_roles" table**

| Name    | Datatype | Is PK | Null Option | Is FK | Comment                                                  |
|---------|----------|-------|-------------|-------|----------------------------------------------------------|
| role_id | numeric  | Yes   | NOT NULL    | Yes   | Unique Id generated by the system for resource role type |

### **"uap\_user\_roles" table**

| Name          | Datatype | Is PK | Null Option | Is FK | Comment                                                                             |
|---------------|----------|-------|-------------|-------|-------------------------------------------------------------------------------------|
| sec_policy_id | numeric  | Yes   | NOT NULL    | Yes   |                                                                                     |
| user_id       | numeric  | Yes   | NOT NULL    | Yes   | These calendar settings apply to this user_id.<br>Foreign key to uap_users.user_id. |

### **"uap\_wf\_dep" table**

| Name      | Datatype | Is PK | Null Option | Is FK | Comment                          |
|-----------|----------|-------|-------------|-------|----------------------------------|
| dep_seq   | numeric  | Yes   | NOT NULL    | No    |                                  |
| wf_no     | int      | Yes   | NOT NULL    | Yes   |                                  |
| dep_wf_no | numeric  | No    | NULL        | No    | Workflow step internal number/ID |

### **"uap\_wf\_lo\_tmp" table**

| Name          | Datatype       | Is PK | Null Option | Is FK | Comment                                                                                |
|---------------|----------------|-------|-------------|-------|----------------------------------------------------------------------------------------|
| wf_no         | int            | Yes   | NOT NULL    | Yes   |                                                                                        |
| link_obj_name | nvarchar(100)  | No    | NULL        | No    | Workflow Task Template object name such as approval task template, etc                 |
| link_obj_desc | nvarchar(1024) | No    | NULL        | No    | Workflow Task Template object description such as approval task template, etc          |
| method        | numeric        | No    | NULL        | No    | The approval method. Allowed values are:<br>- 0 = simultaneous, or<br>- 1 = sequential |

### **"uap\_wf\_lo\_user" table**

| Name     | Datatype   | Is PK | Null Option | Is FK | Comment                                              |
|----------|------------|-------|-------------|-------|------------------------------------------------------|
| user_id  | numeric    | Yes   | NOT NULL    | Yes   | Workflow Task Member User Id. FK to uap_user.user_id |
| wf_no    | int        | Yes   | NOT NULL    | Yes   |                                                      |
| required | varchar(1) | No    | NULL        | No    |                                                      |

### **"uap\_wf\_milestone" table**

| Name           | Datatype      | Is PK | Null Option | Is FK | Comment                                                                                       |
|----------------|---------------|-------|-------------|-------|-----------------------------------------------------------------------------------------------|
| milestone_type | numeric       | Yes   | NOT NULL    | No    | Unique ID generated by the system, for each Milestone Type                                    |
| milestone_desc | nvarchar(255) | No    | NULL        | No    | Milestone Type Description / display name                                                     |
| code           | nvarchar(50)  | No    | NULL        | No    | Resource Code                                                                                 |
| display        | nvarchar(305) | No    | NULL        | No    | resource display name                                                                         |
| display_no     | numeric       | No    | NULL        | No    | Display Order                                                                                 |
| flag_enabled   | nvarchar(1)   | No    | NULL        | No    | Value = 'Y' if this resource type is enabled<br>Value = 'N' if this resource type is disabled |

### **"uap\_wf\_role" table**

| Name    | Datatype | Is PK | Null Option | Is FK | Comment                                                  |
|---------|----------|-------|-------------|-------|----------------------------------------------------------|
| role_id | numeric  | Yes   | NOT NULL    | Yes   | Workflow Task resource role / type id. FK to uap_ml_role |

### **"uap\_wf\_role" table**

| Name       | Datatype | Is PK | Null Option | Is FK | Comment                                                                             |
|------------|----------|-------|-------------|-------|-------------------------------------------------------------------------------------|
| role_type  | numeric  | Yes   | NOT NULL    | No    | Type of the role (integer enumeration, 1=Team Member/Owner or 2=Reviewer/Recipient) |
| wf no      | int      | Yes   | NOT NULL    | Yes   |                                                                                     |
| role_order | numeric  | No    | NULL        | No    | The order of the role in the approval (1 = first, 2 = second, etc.)                 |

### **"uap\_wf\_subscriptions" table**

| Name              | Datatype  | Is PK | Null Option | Is FK | Comment |
|-------------------|-----------|-------|-------------|-------|---------|
| wf no             | int       | Yes   | NOT NULL    | Yes   |         |
| runFC wf no       | int       | Yes   | NOT NULL    | No    |         |
| subscription code | varchar() | Yes   | NOT NULL    | No    |         |
| territory code    | varchar() | Yes   | NOT NULL    | Yes   |         |
| level code        | varchar() | Yes   | NOT NULL    | Yes   |         |
| subscribed        | varchar() | No    | NULL        | No    |         |

### **"uap\_wf\_subscriptions\_completed" table**

| Name          | Datatype  | Is PK | Null Option | Is FK | Comment |
|---------------|-----------|-------|-------------|-------|---------|
| wf no         | int       | Yes   | NOT NULL    | Yes   |         |
| subscriber id | int       | Yes   | NOT NULL    | No    |         |
| completed     | varchar() | No    | NULL        | No    |         |

### **"uap\_wf\_task\_attr" table**

| Name           | Datatype       | Is PK | Null Option | Is FK | Comment                                          |
|----------------|----------------|-------|-------------|-------|--------------------------------------------------|
| task_id        | int            | Yes   | NOT NULL    | Yes   |                                                  |
| name           | nvarchar(100)  | Yes   | NOT NULL    | No    | Internal name of the attribute                   |
| attr_order     | int            | Yes   | NOT NULL    | No    | Display order of the attribute                   |
| type           | varchar(20)    | No    | NOT NULL    | No    | Datatype of the attribute                        |
| string value   | nvarchar(1024) | No    | NULL        | No    | Value in case of String attribute                |
| bigint value   | bigint         | No    | NULL        | No    | Value in case of Number attribute                |
| double value   | float          | No    | NULL        | No    | Value in case of Float attribute                 |
| datetime value | datetime       | No    | NULL        | No    | Value in case of Datetime attribute              |
| readonly       | varchar(1)     | No    | NULL        | No    | Indicates is attribute value can be edited (y,n) |
| hidden         | varchar(1)     | No    | NULL        | No    | Indicates if attribute is visible in UI (y,n)    |

### **"uap\_wf\_users" table**

| Name      | Datatype | Is PK | Null Option | Is FK | Comment                                              |
|-----------|----------|-------|-------------|-------|------------------------------------------------------|
| user_id   | numeric  | Yes   | NOT NULL    | Yes   | Workflow Task Member User Id. FK to uap_user.user_id |
| wf no     | int      | Yes   | NOT NULL    | Yes   |                                                      |
| est_usage | numeric  | No    | NULL        | No    |                                                      |
| act_usage | numeric  | No    | NULL        | No    |                                                      |

### **"uap\_workflow" table**

| Name          | Datatype      | Is PK | Null Option | Is FK | Comment                                                                                   |
|---------------|---------------|-------|-------------|-------|-------------------------------------------------------------------------------------------|
| wf no         | int           | Yes   | NOT NULL    | No    |                                                                                           |
| name          | nvarchar(100) | No    | NULL        | No    | Name of the step or stage                                                                 |
| display_order | numeric       | No    | NULL        | No    | Order of the stage or step. This value is used to determine the sort order for the steps. |
| flag_stage    | varchar(1)    | No    | NULL        | No    | Workflow item type.                                                                       |

| <b>"uap_workflow" table</b> |                 |              |                    |              |                                                                                                                                                                             |
|-----------------------------|-----------------|--------------|--------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>                 | <b>Datatype</b> | <b>Is PK</b> | <b>Null Option</b> | <b>Is FK</b> | <b>Comment</b>                                                                                                                                                              |
|                             |                 |              |                    |              | Values:<br>If value = 'Y' then it is workflow stage otherwise it is workflow step                                                                                           |
| start_date                  | datetime        | No           | NULL               | No           | Workflow step start date                                                                                                                                                    |
| end_date                    | datetime        | No           | NULL               | No           | Workflow step end date                                                                                                                                                      |
| flag_anchor                 | varchar(1)      | No           | NULL               | No           | Anchor date flag                                                                                                                                                            |
| duration_str                | varchar(20)     | No           | NULL               | No           | Workflow step target duration in DD-HH-MM format<br><br>Values: null is allowed                                                                                             |
| actual_duration_str         | varchar(20)     | No           | NULL               | No           | Workflow step actual duration in DD-HH-MM format<br><br>Values: null is allowed                                                                                             |
| pcent_comp                  | numeric         | No           | NULL               | No           | Percent complete                                                                                                                                                            |
| flag_link                   | varchar(1)      | No           | NULL               | No           | Workflow step link flag.<br><br>Values:<br>'Y' if the workflow step is linked. Null if there is no link.                                                                    |
| forecast_st                 | datetime        | No           | NULL               | No           | Workflow step forecast start date                                                                                                                                           |
| link_id                     | numeric         | No           | NULL               | No           | Workflow step link object ID.<br><br>If link object value = APPROVAL, then the value for this field is the approval_id.                                                     |
| parent_stage                | numeric         | No           | NULL               | No           | Parent stage if the entry is a step.                                                                                                                                        |
| status_code                 | varchar(20)     | No           | NULL               | Yes          | Status of stage or task.<br><br>Values:<br>PENDING, ACTIVE, FINISHED, or SKIPPED                                                                                            |
| notes                       | nvarchar(1024)  | No           | NULL               | No           |                                                                                                                                                                             |
| milestone_type              | numeric         | No           | NULL               | Yes          | Workflow step / Task milestone type. Foreign key to uap_wf_milestone.milestone_type                                                                                         |
| display_id                  | varchar(10)     | No           | NULL               | No           | Step display integer. This will be shown along with step or stage name in the GUI. For example, "1.1 Creative Approval Task."                                               |
| link_object                 | varchar(20)     | No           | NULL               | No           | Workflow step link object.<br><br>Values: APPROVAL or null.                                                                                                                 |
| state_code                  | varchar(20)     | No           | NULL               | No           |                                                                                                                                                                             |
| forecast_end                | datetime        | No           | NULL               | No           | Workflow step forecast end date                                                                                                                                             |
| effort                      | float           | No           | NULL               | No           | Estimated effort                                                                                                                                                            |
| actual_effort               | float           | No           | NULL               | No           | Actual Effort                                                                                                                                                               |
| scheduling_mask             | numeric         | No           | NULL               | No           | Determines whether a workflow step schedules through weekends, non-work time, or both.                                                                                      |
| task_type                   | varchar(32)     | No           | NOT NULL           | No           | Task type : USER manually created task, UNDEFINED stage, SYSTEM_FLOWCHART_RUN Flowchart Run, SYSTEM_LIST_REVIEW List Review, SYSTEM_NOTIFY_CAMPAIGN Notify Field Marketers. |

### **"uap\_workflow" table**

| Name              | Datatype      | Is PK | Null Option | Is FK | Comment                                                                           |
|-------------------|---------------|-------|-------------|-------|-----------------------------------------------------------------------------------|
| flowchart_name    | nvarchar(100) | No    | NULL        | No    | Name of the flowchart used for binding when Flowchart is published from Campaign. |
| form_id           | int           | No    | NULL        | No    |                                                                                   |
| enable_attachment | int           | No    | NULL        | No    |                                                                                   |
| project_id        | numeric       | No    | NULL        | Yes   | Unique ID generated by the system, for each Project and Project Request.          |

### **"uap\_ws\_alerts" table**

| Name          | Datatype | Is PK | Null Option | Is FK | Comment                                                                             |
|---------------|----------|-------|-------------|-------|-------------------------------------------------------------------------------------|
| notify_id     | numeric  | Yes   | NOT NULL    | Yes   |                                                                                     |
| user_id       | numeric  | Yes   | NOT NULL    | Yes   | These calendar settings apply to this user_id.<br>Foreign key to uap_users.user_id. |
| post_datetime | datetime | No    | NULL        | No    |                                                                                     |
| status        | numeric  | No    | NULL        | No    |                                                                                     |
| source_type   | numeric  | No    | NULL        | No    |                                                                                     |
| source_id     | numeric  | No    | NULL        | No    |                                                                                     |
| message       | text     | No    | NULL        | No    |                                                                                     |

### **"ucc\_flowchart\_execution" table**

| Name                 | Datatype     | Is PK | Null Option | Is FK | Comment                                                                                                                                                                     |
|----------------------|--------------|-------|-------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| source_id            | int          | Yes   | NOT NULL    | Yes   |                                                                                                                                                                             |
| source_type          | varchar(20)  | Yes   | NOT NULL    | No    | Source type of the execution request : TASK for if request comes from a workflow task (i.e. Corporate Campaign), PROJECT when run is requested from List/On-demand Campaign |
| flowchart_type       | varchar()    | Yes   | NOT NULL    | Yes   |                                                                                                                                                                             |
| state_code           | nvarchar(20) | No    | NULL        | No    | State of the run request (NOT_STARTED, FINISHED, ERROR)                                                                                                                     |
| scheduled_date       | datetime     | No    | NULL        | No    | Datetime when the run is scheduled for                                                                                                                                      |
| exec_start_date      | datetime     | No    | NULL        | No    | Real start date of the run                                                                                                                                                  |
| exec_end_date        | datetime     | No    | NULL        | No    | Real end date of the run                                                                                                                                                    |
| number_of_rows       | int          | No    | NULL        | No    | Numbers of records generated in the List Manager table                                                                                                                      |
| recurrent            | int          | No    | NULL        | No    | Flag indicating if the run is recurring. Possible values are 0 or 1. Not used.                                                                                              |
| schedule_status      | varchar(20)  | No    | NULL        | No    | Status of next run (NOT_SCHEDULED, SCHEDULED, RUNNING)                                                                                                                      |
| user_id              | int          | No    | NULL        | No    | Foreign key into uap_user table.                                                                                                                                            |
| error_msg            | text         | No    | NULL        | No    | Error message sent back by Campaign                                                                                                                                         |
| campaign_id          | bigint       | No    | NULL        | No    | Id of the Campaign the flowchart belong to (ua_campaign)                                                                                                                    |
| flowchart_id         | bigint       | No    | NULL        | No    | Id of the Flowchart to be run (ua_flowchart)                                                                                                                                |
| flowchart_version_id | bigint       | No    | NULL        | No    | Version Id of the flowchart                                                                                                                                                 |
| series_id            | bigint       | No    | NULL        | Yes   | Id for grouping the run history according to Flowchart version Id                                                                                                           |
| run_id               | bigint       | No    | NULL        | Yes   |                                                                                                                                                                             |
| project_id           | numeric      | No    | NULL        | Yes   | Unique ID generated by the system, for each Project and Project Request.                                                                                                    |
| job_id               | int          | No    | NULL        | Yes   | Unique Id for a job                                                                                                                                                         |
| pid                  | Int          | No    | NULL        | no    |                                                                                                                                                                             |

### **"ucc\_trigger" table**

| Name       | Datatype | Is PK | Null Option | Is FK | Comment                 |
|------------|----------|-------|-------------|-------|-------------------------|
| trigger_id | int      | Yes   | NOT NULL    | No    | Unique Id for a trigger |

### ***"ucc\_trigger" table***

| Name            | Datatype       | Is PK | Null Option | Is FK | Comment                                                                            |
|-----------------|----------------|-------|-------------|-------|------------------------------------------------------------------------------------|
| trigger_name    | varchar(64)    | No    | NOT NULL    | No    | Text name for a trigger.                                                           |
| trigger_lname   | nvarchar(64)   | No    | NOT NULL    | No    | Text Long name for a trigger.                                                      |
| trigger_ldesc   | nvarchar(1024) | No    | NULL        | No    | Text description for a trigger.                                                    |
| condition_class | varchar(255)   | No    | NOT NULL    | No    | fully-qualified Java class name of the trigger condition defined for this trigger. |
| action_class    | varchar(255)   | No    | NOT NULL    | No    | fully-qualified Java class name of the trigger action defined for this trigger     |

### ***"ucc\_trigger\_params" table***

| Name                 | Datatype       | Is PK | Null Option | Is FK | Comment                                        |
|----------------------|----------------|-------|-------------|-------|------------------------------------------------|
| param_id             | int            | Yes   | NOT NULL    | No    | Unique Id for a trigger parameter.             |
| trigger_id           | int            | No    | NOT NULL    | Yes   | Foreign key into uap_trigger_defn table.       |
| param_name           | nvarchar(255)  | No    | NOT NULL    | No    | short or fully-qualified name of the parameter |
| param_type           | varchar(32)    | No    | NOT NULL    | No    | type of parameter value                        |
| param_string_value   | nvarchar(1024) | No    | NULL        | No    | optional string parameter value                |
| param_number_value   | float          | No    | NULL        | No    | optional numeric parameter value               |
| param_datetime_value | datetime       | No    | NULL        | No    | optional datetime parameter value              |

### ***"ucc\_trigger\_task\_join" table***

| Name       | Datatype | Is PK | Null Option | Is FK | Comment                                  |
|------------|----------|-------|-------------|-------|------------------------------------------|
| trigger_id | int      | Yes   | NOT NULL    | Yes   | Foreign key into ucc_trigger_defn table. |
| wf_no      | int      | Yes   | NOT NULL    | Yes   |                                          |

### ***"ucc\_trigger\_template\_join" table***

| Name        | Datatype | Is PK | Null Option | Is FK | Comment                                  |
|-------------|----------|-------|-------------|-------|------------------------------------------|
| template_id | numeric  | Yes   | NOT NULL    | Yes   | Foreign key into uap_tt_template table.  |
| trigger_id  | int      | Yes   | NOT NULL    | Yes   | Foreign key into ucc_trigger_defn table. |

### ***"ucc\_trigger\_tt\_task\_join" table***

| Name       | Datatype | Is PK | Null Option | Is FK | Comment                                  |
|------------|----------|-------|-------------|-------|------------------------------------------|
| trigger_id | int      | Yes   | NOT NULL    | Yes   | Foreign key into ucc_trigger_defn table. |

### ***"uap\_role\_notify" table***

| Name          | Datatype | Is PK | Null Option | Is FK | Comment                             |
|---------------|----------|-------|-------------|-------|-------------------------------------|
| role_id       | int      | Yes   | NOT NULL    | Yes   | Foreign key into uap_ml_role table. |
| delivery_mask | int      | No    | NULL        | No    |                                     |
| event_type    | int      | No    | NOT NULL    | No    |                                     |

### ***"uap\_tt\_std\_attr\_behavior" table***

| Name         | Datatype    | Is PK | Null Option | Is FK | Comment                                  |
|--------------|-------------|-------|-------------|-------|------------------------------------------|
| template_id  | int         | Yes   | NOT NULL    | Yes   | Foreign key into uap_tt_templates table. |
| element_name | varchar(50) | Yes   | NOT NULL    | No    |                                          |
| behavior     | int         | No    | NOT NULL    | No    | Default value 1                          |

### **" uap\_proj\_offer\_dyn" table**

| Name       | Datatype | Is PK | Null Option | Is FK | Comment                                           |
|------------|----------|-------|-------------|-------|---------------------------------------------------|
| project id | Int      | Yes   | NOT NULL    | Yes   | Foreign key into uap tt projects table.           |
| map id     | int      | Yes   | NOT NULL    | Yes   | Foreign key into uap tt_map table                 |
| cell id    | Int      | Yes   | NOT NULL    | Yes   | Foreign key into uap tt_map flowchart cell table  |
| offer id   | int      | Yes   | NOT NULL    | Yes   | Foreign key into uap tt_map flowchart offer table |

### **"uap\_procedure\_binding" table**

| Name            | Datatype      | Is PK | Null Option | Is FK | Comment                                  |
|-----------------|---------------|-------|-------------|-------|------------------------------------------|
| pb id           | Int           | Yes   | NOT NULL    | No    | Foreign key into uap tt projects table.  |
| name            | nvarchar(256) | No    | NOT NULL    | No    | Foreign key into uap tt_map table        |
| object type     | varchar(256)  | No    | NULL        | No    | Unique Id for cell                       |
| template id     | int           | No    | NOT NULL    | Yes   | Unique Id for offer                      |
| procedure class | varchar(255)  | No    | NOT NULL    | No    | Foreign key into uap tt templates table. |

### **"uap\_tt\_map\_flowchart\_cell" table**

| Name         | Datatype       | Is PK | Null Option | Is FK | Comment                           |
|--------------|----------------|-------|-------------|-------|-----------------------------------|
| cell id      | Bigint         | Yes   | NOT NULL    | No    | Unique Id for Cell                |
| map id       | int            | Yes   | NOT NULL    | Yes   | Foreign key into uap tt_map table |
| cellname     | nvarchar(512)  | No    | NULL        | No    |                                   |
| description  | nvarchar(1024) | No    | NULL        | No    |                                   |
| displayorder | int            | No    | NOT NULL    | No    |                                   |
| help tip     | Nvarchar(1024) | No    | NULL        | No    |                                   |
| is hidden    | nvarchar(20)   | No    | NULL        | No    |                                   |
| modiffFlag   | nvarchar(65)   | No    | NULL        | No    |                                   |

### **"uap\_tt\_map\_flowchart\_offer" table**

| Name        | Datatype       | Is PK | Null Option | Is FK | Comment                                          |
|-------------|----------------|-------|-------------|-------|--------------------------------------------------|
| offer id    | bigint         | Yes   | NOT NULL    | No    | Unique Id for Offer                              |
| cell id     | bigint         | Yes   | NOT NULL    | Yes   | Foreign key into uap tt_map flowchart cell table |
| map id      | int            | Yes   | NOT NULL    | Yes   | Foreign key into uap tt_map table                |
| name        | nvarchar(130)  | No    | NULL        | No    |                                                  |
| description | nvarchar(512)  | No    | NULL        | No    |                                                  |
| help tip    | nvarchar(1024) | No    | NULL        | No    |                                                  |
| modiffFlag  | nvarchar(65)   | No    | NULL        | No    |                                                  |

### **"uap\_tt\_map\_info\_ssdr\_col" table**

| Name                   | Datatype      | Is PK | Null Option | Is FK | Comment                                |
|------------------------|---------------|-------|-------------|-------|----------------------------------------|
| map info ssdr id       | Int           | Yes   | NOT NULL    | No    | Unique id                              |
| map id                 | int           | No    | NOT NULL    | Yes   | Foreign key into uap tt_map table      |
| map info id            | int           | No    | NOT NULL    | Yes   | Foreign key into uap tt_map info table |
| lkup id column         | nvarchar(50)  | No    | NULL        | No    |                                        |
| lkup col display name  | nvarchar(100) | No    | NULL        | No    |                                        |
| lkup col diaplay order | int           | No    | NULL        | No    |                                        |