## PROGRAM DEFINITION

|  |
| --- |
|  |
| * This program is used to maintain Property |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * GSM\_PROPERTY * GSM\_PROPERTY\_BUILIDNG * GSM\_PROPERTY\_FLOOR * GSM\_PROPERTY\_UNIT * GSM\_PROPERTY\_UNIT\_TYPE * GSM\_PROPERTY\_UNIT\_TYPE\_IMAGE * GSM\_PROPERTY\_UNIT\_VIEW * GSM\_PROPERTY\_UNIT\_PROMOTION\_TYPE * GSM\_PROPERTY\_UNIT\_PROMOTION * GSM\_PROPERTY\_USER | RW  RW  RW  RW  RW  RW  RW  RW  RW  RW  RW  RW |

## RELATED PROGRAMS

|  |  |
| --- | --- |
|  | **Access** |
|  |  |

## ROLES

|  |  |
| --- | --- |
|  | **Test** |
|  |  |

## INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
|  |  |

## TAB – PROPERTY

### TAB – GENERAL INFO

#### USER INTERFACE

**[CR02]**





#### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Modify * Button Delete * Button Active/Inactive * **[CR02]** Button Building |  |

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Property List [PROPERTY\_LIST]   EXEC RSP\_GS\_GET\_PROPERTY\_LIST @CLOGIN\_COMPANY\_ID, @CUSER\_LOGIN\_ID   * Display data [PROPERTY\_LIST]:   + "Property"     - Textbox     - Display = CPROPERTY\_NAME     - NVARCHAR(100) |  |
| * Load Property List [PROPERTY\_DETAIL]   EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @CUSER\_LOGIN\_ID   * Display data [PROPERTY\_DETAIL]:   + "Property"     - Textbox     - Display = CPROPERTY\_ID, CPROPERTY\_NAME     - VARCHAR(20), NVARCHAR(100)     - Mandatory   + "Address"     - Textbox     - Display = CADDRESS     - NVARCHAR(255)   + "Province"     - Textbox     - Display = CPROVINCE     - VARCHAR(30)   + "City"     - Textbox     - Display = CCITY     - VARCHAR(30)   + "District"     - Textbox     - Display = CDISTRICT     - VARCHAR(30)   + "Sub District"     - Textbox     - Display = CSUBDISTRICT     - VARCHAR(30)   + "Sales Tax Id"     - Lookup     - Display = CSALES\_TAX\_ID     - Value =   Onclick button lookup: Run **GSL00100 – Sales Tax Lookup**   * + "Percentage %"     - Textbox     - Display = NTAX\_PERCENTAGE     - Disabled     - Value from lookup Sales tax   + "Currency"     - Lookup     - Display = CCURRENCY     - Value =   Onclick button lookup: Run **GSL00300 – Currency Lookup**   * + "UOM" (Unit of Measurement)     - Textbox     - Display = CUOM     - VARCHAR(20)   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - Default Value = [0] Unchecked   + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Update Date"     - Textbox     - Display = CUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to MODIFY PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

#### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Disabled fields: "Last Update By", "Last Update Date" * Set focus to column: "Property" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

#### EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Property Id", "Last Update By", "Last Update Date" * Set focus to column: "Property Name" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

#### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_PROPERTY  "Login Company Id"  , "Property Id"  , "Property Name"  , "Address"  , "Province"  , "City"  , "District"  , "Sub District"  , "Sales Tax Id"  , "Currency"  , "UOM"  , "Active"  , "DELETE"  , Login User Id |  |

#### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Property   EXEC RSP\_GS\_MAINTAIN\_PROPERTY  "Login Company Id"  , "Property Id"  , "Property Name"  , "Address"  , "Province"  , "City"  , "District"  , "Sub District"  , "Sales Tax"  , "Currency"  , "Active"  , "Active"  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

#### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation: * Jalankan RSP\_ACTIVITY\_VALIDITY {Login Company ID}, 'GSM02501'   If no Error maka jalankan :  Baca result,  Munculkan Pop Up dengan  Label Reason = {Text Box Double byte max 100}  Button = OK / Cancel  Tampung Nilai di @DETAIL\_ACTION  If Result count = 1 and value = All, maka jalankan update  If Result Value <> 1 dan value <> = All maka buka GFF00900  @PROPERTY\_NO ={Login Property Id}  @ACTION\_CODE = 'GSM02501'  @DATE = @ActiveDate  @REQUEST\_BY = {Login User Id}  @DETAIL\_ACTION = CCOMPANY\_ID + ‘|’ + hasil detail action  @USER\_LIST = Result SP  Setelah melalui process applikasi tersebut, Bila Sukses jalankan :  [RSP\_CREATE\_ACTIVITY\_APPROVAL\_LOG]  @P\_CCOMPANY\_ID = {Login Company Id}  @P\_CAPPROVAL\_CODE = 'GSM02501'  @P\_CREFERENCE\_NO = CCOMPANY\_ID  @P\_CREFERENCE\_INFO = CCOMPANY\_ID + ‘|’ + hasil detail action  @P\_DAPPROVAL\_DATE = @ActiveDate  @P\_CAPPROVAL\_USER\_ID = {Return User Id}  @P\_CACTIVITY\_USER\_ID = {Login user Id}  @P\_CREASON\_CODE = ''  @P\_CAPPROVAL\_NOTE = @ACTION\_DETAIL   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_PROPERTY  Login Company Id  , "Property Id"  , Flag Active [True] / [False]  , Login User Id |  |

#### BUTTON - BUILDING

##### USER INTERFACE

**[CR02]**





##### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Modify * Button Delete * Button Active/Inactive * **[CR02]** Button Floor |  |

##### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Building List [BUILDING\_LIST]   EXEC RSP\_GS\_GET\_BUILDING\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id @CUSER\_LOGIN\_ID   * Display data [PROPERTY\_LIST]:   + "Building"     - Textbox     - Display = CBUILDING\_NAME     - NVARCHAR(100) |  |
| * Load Building Detail [BUILDING\_DETAIL]   EXEC RSP\_GS\_GET\_BUILDING\_DETAIL @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Building\_Id, @CUSER\_LOGIN\_ID   * Display data [BUILDING\_DETAIL]:   + "Building"     - Textbox     - Display = CBUILDING\_ID, CBUILDING\_NAME     - VARCHAR(20), NVARCHAR(100)     - Mandatory   + "Description"     - Textbox     - Display = CDESCRIPTION     - VARCHAR(MAX)   "Floor and Unit Info"   * + "Total Floor"     - Textbox     - Display = NTOTAL\_FLOOR     - Disabled   + "Active" Floor     - Textbox     - Display = NTOTAL\_ACTIVE\_FLOOR     - Disabled   + "Total Unit"     - Textbox     - Display = NTOTAL\_UNIT     - Disabled   + "Active" Unit     - Textbox     - Display = NTOTAL\_ACTIVE\_UNIT     - Disabled   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - Default Value = [0] Unchecked   + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Update Date"     - Textbox     - Display = CUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to MODIFY PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

##### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Disabled fields: "Last Update By", "Last Update Date" * Set focus to column: "Building Id" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

##### EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Building Id", "Last Update By", "Last Update Date" * Set focus to column: "Building Name" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

##### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_BUILDING  "Login Company Id"  , "Property Id"  , "Building Id"  , "Building Name"  , "Description"  , "Active"  , "DELETE"  , Login User Id |  |

##### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Building   EXEC RSP\_GS\_MAINTAIN\_BUILDING  "Login Company Id"  , "Property Id"  , "Building Id"  , "Building Name"  , "Description"  , "Active"  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

##### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation: * Jalankan RSP\_ACTIVITY\_VALIDITY {Login Company ID}, 'GSM02502'   If no Error maka jalankan :  Baca result,  Munculkan Pop Up dengan  Label Reason = {Text Box Double byte max 100}  Button = OK / Cancel  Tampung Nilai di @DETAIL\_ACTION  If Result count = 1 and value = All, maka jalankan update  If Result Value <> 1 dan value <> = All maka buka GFF00900  @PROPERTY\_NO ={Login Property Id}  @ACTION\_CODE = 'GSM02502'  @DATE = @ActiveDate  @REQUEST\_BY = {Login User Id}  @DETAIL\_ACTION = CCOMPANY\_ID + ‘|’ + hasil detail action  @USER\_LIST = Result SP  Setelah melalui process applikasi tersebut, Bila Sukses jalankan :  [RSP\_CREATE\_ACTIVITY\_APPROVAL\_LOG]  @P\_CCOMPANY\_ID = {Login Company Id}  @P\_CAPPROVAL\_CODE = 'GSM02502'  @P\_CREFERENCE\_NO = CCOMPANY\_ID  @P\_CREFERENCE\_INFO = CCOMPANY\_ID + ‘|’ + hasil detail action  @P\_DAPPROVAL\_DATE = @ActiveDate  @P\_CAPPROVAL\_USER\_ID = {Return User Id}  @P\_CACTIVITY\_USER\_ID = {Login user Id}  @P\_CREASON\_CODE = ''  @P\_CAPPROVAL\_NOTE = @ACTION\_DETAIL   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_BUILIDNG  Login Company Id  , "Property Id"  , "Building Id"  , Flag Active [True] / [False]  , Login User Id |  |

##### BUTTON – FLOOR

**[CR02]**

###### USER INTERFACE





###### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Modify * Button Delete * Button Active/Inactive * Button Upload * Button Template   Download excel untuk kebutuhan upload floor |  |

###### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Selected Building   SELECT CBUILDING\_ID, CBUILDING\_NAME FROM GSM\_PROPERTY\_BUILDING (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  AND CBUILDING\_ID = 'Selected Building Id'   * Display data:   + "Building"     - Textbox     - Display = CBUILDING\_NAME     - NVARCHAR(100) |  |
| * Load Building Floor List [FLOOR\_LIST]   EXEC RSP\_GS\_GET\_BUILDING\_FLOOR\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Building\_Id, @CUSER\_LOGIN\_ID   * Display data [FLOOR\_LIST]:   + "Floor"     - Textbox     - Display = CFLOOR\_NAME     - NVARCHAR(100) |  |
| * Load Building Floor Detail [FLOOR\_DETAIL]   EXEC RSP\_GS\_GET\_BUILDING\_FLOOR\_DETAIL @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Building\_Id, @Selected\_Floor\_Id, @CUSER\_LOGIN\_ID   * Display data [FLOOR\_DETAIL]:   + "Floor"     - Textbox     - Display = CFLOOR\_ID, CFLOOR\_NAME     - VARCHAR(20), NVARCHAR(100)     - Mandatory   + "Description"     - Textbox     - Display = CDESCRIPTION     - VARCHAR(MAX)   + "Total Floor Space"     - Textbox     - Display = NGROSS\_AREA\_SIZE     - Numeric Input Only       * *"Sqm"* (Gross)       * Label       * Value =   SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]  AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID   * + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - Default Value = [0] Unchecked   "Unit Default"   * + "Unit Type"     - Combobox     - Display = CDEFAULT\_UNIT\_TYPE\_ID     - Value = EXEC RSP\_GS\_GET\_UNIT\_TYPE\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_ID,’’, @CUSER\_LOGIN\_ID   + "Unit Category"     - Radio Button     - Display = CDEFAULT\_UNIT\_CATEGORY\_ID     - Value =   SELECT CCODE, CDESCRIPTION FROM RFT\_GET\_GSB\_CODE\_INFO  ('BIMASAKTI', [Login Company Id], '\_BS\_UNIT\_CATEGORY', '', [Login Language Id])  "Unit Info"   * + "Total Unit"     - Textbox     - Display = NTOTAL\_UNIT     - Disabled   + "Active" Unit     - Textbox     - Display = NTOTAL\_ACTIVE\_UNIT     - Disabled   + "Total Unit Space"     - Textbox     - Display = NTOTAL\_UNIT\_SPACE     - Disabled       * *"Sqm"* (Gross)       * Label       * Value =   SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]  AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID   * + "Empty Space Space"     - Textbox     - Display = NTOTAL\_EMPTY\_SPACE     - Disabled       * *"Sqm"* (Gross)       * Label       * Value =   SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]  AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID   * + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Update Date"     - Textbox     - Display = CUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to MODIFY PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

###### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Disabled fields: "Last Update By", "Last Update Date" * Set focus to column: "Floor Id" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

###### EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Floor Id", "Last Update By", "Last Update Date" * Set focus to column: "Floor Name" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

###### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_BUILDING\_FLOOR  "Login Company Id"  , "Property Id"  , "Building Id"  , "Floor Id"  , "Floor Name"  , "Total Floor Space"  , "Description"  , "Unit Type"  , "Unit Category"  , "Active"  , "DELETE"  , Login User Id |  |

###### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Building Floor   EXEC RSP\_GS\_MAINTAIN\_BUILDING\_FLOOR  "Login Company Id"  , "Property Id"  , "Building Id"  , "Floor Id"  , "Floor Name"  , "Description"  , "Unit Type"  , "Unit Category"  , "Active"  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

###### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation: * Jalankan RSP\_ACTIVITY\_VALIDITY {Login Company ID}, 'GSM02503'   If no Error maka jalankan :  Baca result,  Munculkan Pop Up dengan  Label Reason = {Text Box Double byte max 100}  Button = OK / Cancel  Tampung Nilai di @DETAIL\_ACTION  If Result count = 1 and value = All, maka jalankan update  If Result Value <> 1 dan value <> = All maka buka GFF00900  @PROPERTY\_NO ={Login Property Id}  @ACTION\_CODE = 'GSM02503'  @DATE = @ActiveDate  @REQUEST\_BY = {Login User Id}  @DETAIL\_ACTION = CCOMPANY\_ID + ‘|’ + hasil detail action  @USER\_LIST = Result SP  Setelah melalui process applikasi tersebut, Bila Sukses jalankan :  [RSP\_CREATE\_ACTIVITY\_APPROVAL\_LOG]  @P\_CCOMPANY\_ID = {Login Company Id}  @P\_CAPPROVAL\_CODE = 'GSM02503'  @P\_CREFERENCE\_NO = CCOMPANY\_ID  @P\_CREFERENCE\_INFO = CCOMPANY\_ID + ‘|’ + hasil detail action  @P\_DAPPROVAL\_DATE = @ActiveDate  @P\_CAPPROVAL\_USER\_ID = {Return User Id}  @P\_CACTIVITY\_USER\_ID = {Login user Id}  @P\_CREASON\_CODE = ''  @P\_CAPPROVAL\_NOTE = @ACTION\_DETAIL   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_FLOOR  Login Company Id  , "Property Id"  , "Building Id"  , "Floor Id"  , Flag Active [True] / [False]  , Login User Id |  |

###### TEMPLATE PROCESS

~~USER INTERFACE~~

**~~OUTPUT FILE:~~**

~~~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~FloorCode~~   + ~~FloorName~~   + ~~Description~~   + ~~Active~~   + ~~NonActiveDate~~   + ~~UnitType~~   + ~~UnitCategory~~ |  |
| * ~~Create File Excel~~ |  |
| * ~~Tampilkan file directory untuk user melakukan save as~~ |  |
| * ~~Note:~~   + ~~Buat file browser untuk pilih lokasi download~~   + ~~Generate Excel File~~   + ~~Tentukan format file, contoh: Floor + “ CBUILDING\_ID” + “ CPROPERTY\_ID”.xls”~~ |  |
| * Download Floor File from Server * Tampilkan file directory untuk user melakukan save as |  |

###### UPLOAD PROCESS

USER INTERFACE



BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * “Open File Explorer” – Untuk membuka File Explorer yang digunakan untuk mencari source file MS-Excel yang akan di-import ke dalam table Database. * “**L**oad” – untuk menampilkan file MS-Excel yang dipilih ke dalam List Load Floor. * “**P**rocess” – Untuk melakukan proses import data – data yang ada di List Load Floor. * “**C**ancel” – Untuk keluar dari program Load Floor dan kembali ke program Property Profile. |  |

OUTPUT

|  |  |
| --- | --- |
|  | **Test** |
| * Data pada table master Floor. |  |

ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * Program ini dijalankan oleh operator yang mempunyai hak kewenangan menjalankan General System. |  |

INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Form:   + Textbox “Property” (Read Only) isi dengan Selected Property Id + Selected Property Name.   + Textbox “Building” (Read Only) isi dengan Selected Building Id + Selected Building Name.   + Kosongkan “Source File (Excel)” Textbox.   + Kosongkan List Load Floor (Read Only).   + Unchecked “Overwrite the existing records” Checkbox.   + Disabled semua button.   + Enabled button Open File Explorer.   + Enabled button Process & Cancel.   + Set Focus pada Textbox “Source File (Excel)”. |  |

BROWSE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Keluarkan windows File Explorer, filter hanya menampilkan file-file Ms-Excel saja. * Tunggu respon dari user yang memilih file Ms-Excel yang dikehendaki. |  |
| * Jika user sudah memilih pada windows File Explorer, lakukan:   + Isi Full path directory dan nama file berikut extension file ke dalam textbox “Source File (Excel)”.   + Jalankan Lost Focus textbox “Source File (Excel)”.     - Clear isi List Load Floor.   **[CR02]**   * + - ~~Jika textbox kosong disabled tombol “Load”.~~     - ~~Jika textbox berisi enabled tombol “Load”.~~     - ~~Set Focus ke tombol “Load”.~~ |  |
| **[CR02]**   * Validasi extension File harus “xlsx”. Jika tidak tampilkan pesan “File Type must Microsoft Excel .xlsx”, Ok. * Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok. |  |
| **[CR02]**   * Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #FLOOR   + Jalankan RSP\_LM\_VALIDATE\_UPLOAD\_FLOOR     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID] |  |
| **[CR02]**   * Baca Database untuk Get data master Floor   SELECT \* FROM GSM\_PROPERTY\_FLOOR (NOLOCK)  WHERE  CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id  AND CBUILDING\_ID = Selected Building Id   * Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_FLOOR match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0 |  |

~~LOAD PROCESS~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| * ~~Disabled “Source File (Excel)” textbox, tombol “Open File Explorer”, tombol “Process”, tombol “Cancel”.~~ |  |
| * ~~Tampilkan tanda “Process Loading…” – Modal Windows.~~ |  |
| * ~~Validasi extension File harus “xls”. Jika tidak tampilkan pesan “File Type must Microsoft Excel”, Ok.~~ * ~~Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok.~~ |  |
| * ~~If error not found~~   + ~~Get Data dari File Excel~~   + ~~Jika Error Not Found~~     - * ~~Baca Database untuk Get data master Floor~~   ~~SELECT \* FROM GSM\_PROPERTY\_FLOOR (NOLCOK)~~  ~~WHERE~~  ~~CCOMPANY\_ID = Login Company Id~~  ~~AND CPROPERTY\_ID = Selected Property Id~~  ~~AND CBUILDING\_ID = Selected Building Id~~   * + - * ~~Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_FLOOR match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0~~ |  |
| * ~~Jalankan “~~**~~DISPLAY PROCESS~~**~~”~~ |  |

DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan data List of Load Floor   + Definisi Fields:     - “Selected”       * Checkbox       * Var\_Selected     - “Floor Code”       * Textbox     - “Floor Name”       * Textbox     - “Description”       * Textbox     - “Active” = Checkbox     - “Non Active Date” = Textbox     - “Unit Type”       * Textbox     - “Unit Category”       * Textbox     - Hidden(Var\_Exists)     - Hidden(Var\_Overwrite)   + Font Beri Warna Merah jika Var\_Exists = 1   + Read Only List of Load Floor   + Enabled Column “Selected”   + Column “Selected”.InteractiveChange()     - Update satu current record Var\_Selected = Iif(Chekbox.”Selected”.Checked, 1, 0) |  |
| * Jika List of Load Floor ada isinya   + Checked “Overwrite the existing records” Checkbox     - Jika Checkbox “Overwrite the existing” berubah nilai, Update semua record Var\_Overwrite = Iif(Checkbox.”Overwrite the existing”.Checked, 1, 0)   + Enabled Process button, Cancel button |  |

PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Check apakah Floor sudah di gunakan / belum   IF EXISTS(SELECT TOP 1 1 FROM GSM\_PROPERTY\_UNIT (NOLOCK)  WHERE CCOMPANY\_ID = @CCOMPANY\_ID  AND CPROPERTY\_ID = @CPROPERTY\_ID  AND CBUILDING\_ID = @CBUILDING\_ID  AND CFLOOR\_ID = @CFLOOR\_ID   * + )   + Jika sudah di gunakan, tampilkan message “Cannot Load Floor, existing Floor already in use”, Ok * Tampilkan pesan konfirmasi “Are you sure want to import data?” dengan tombol “Yes” dan “No” * Jika “Yes”   Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #FLOOR  CREATE TABLE #FLOOR(NO INT  , FloorCode VARCHAR(20)  , FloorName VARCHAR(100)  , Description NVARCHAR(MAX)  , Active BIT  , NonActiveDate VARCHAR(8)  , UnitType VARCHAR(20)  , UnitCategory VARCHAR(2)  )  INSERT “List of DTO” INTO #FLOOR   * + EXEC RSP\_GS\_UPLOAD\_PROPERTY\_FLOOR     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]     - @Var\_Overwrite = Flag Overwrite   Jika terdapat error data, tampilkan kedalam pop-up Grid seperti contoh dibawah |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |



|  |  |
| --- | --- |
|  | **Test** |
| Generate Template Process (Create excel file)   * Atur data yang akan didownload dengan detail sebagai berikut:   + FloorCode   + FloorName   + Description   + Active   + NonActiveDate   + UnitType   + UnitCategory   + Notes |  |
| * Create File Excel |  |
| * Tampilkan file directory untuk user melakukan save as |  |
| * Note:   + Buat file browser untuk pilih lokasi download   + Generate Excel File   + Tentukan format file, contoh: Floor + “ CBUILDING\_ID” + “ CPROPERTY\_ID”.xls” |  |

CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Property Profile |  |

###### BUTTON – UNIT

UNIT INFO

USER INTERFACE

**[CR02]**





BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Modify * Button Delete * Button Active/Inactive * Button Upload |  |

DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Selected Building   SELECT CBUILDING\_ID, CBUILDING\_NAME FROM GSM\_PROPERTY\_BUILDING (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  AND CBUILDING\_ID = 'Selected Building Id'   * Display data:   + "Building"     - Textbox     - Display = CBUILDING\_NAME     - NVARCHAR(100) |  |
| * Load Building Floor   SELECT CFLOOR\_ID, CFLOOR\_NAME FROM GSM\_PROPERTY\_FLOOR (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  AND CBUILDING\_ID = 'Selected Building Id'  AND CFLOOR\_ID = 'Selected Floor Id'   * Display data:   + "Floor"     - Textbox     - Display = CFLOOR\_NAME     - NVARCHAR(100) |  |
| * Load Building Unit List [BUILIDNG\_UNIT\_LIST]   EXEC RSP\_GS\_GET\_BUILDING\_UNIT\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Building\_Id, @Selected\_Floor\_Id, @CUSER\_LOGIN\_ID   * Display data [BUILIDNG\_UNIT\_LIST]:   + "Unit Id"     - Textbox     - Display = CUNIT\_ID     - VARCHAR(20)   + "Unit Name"     - Textbox     - Display = CUNIT\_NAME     - NVARCHAR(100)   + "Unit Type"     - Textbox     - Display = CUNIT\_TYPE\_NAME     - NVARCHAR(100)   + "Gross"     - Textbox     - Display = NGROSS\_AREA\_SIZE   + "Net"     - Textbox     - Display = NNET\_AREA\_SIZE   + "Actual"     - Textbox     - Display = NACTUAL\_AREA\_SIZE   + "Unit View"     - Textbox     - Display = CUNIT\_VIEW\_NAME   + "Unit Category"     - Textbox     - Display = CUNIT\_CATEGORY\_NAME   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked   + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Update Date"     - Textbox     - Display = CUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Load Building Unit Detail [BUILIDNG\_UNIT\_DETAIL]   EXEC RSP\_GS\_GET\_BUILDING\_UNIT\_DETAIL @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Building\_Id, @Selected\_Floor\_Id, @Selected\_Unit\_Id, @CUSER\_LOGIN\_ID   * Display data [BUILIDNG\_UNIT\_DETAIL]:   + "Unit"     - Textbox     - Display = CUNIT\_ID, CUNIT\_NAME     - VARCHAR(20), NVARCHAR(100)     - Mandatoru   + "Description"     - Textbox     - Display = CDESCRIPTION     - VARCHAR(MAX)   + "Unit Type"     - Combobox     - Display = CUNIT\_TYPE\_NAME     - Value = EXEC RSP\_GS\_GET\_UNIT\_TYPE\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_ID, ‘’,@CUSER\_LOGIN\_ID   + "Unit View"     - Combobox     - Display = CUNIT\_VIEW\_NAME     - Value = EXEC RSP\_GS\_GET\_UNIT\_VIEW\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @CUSER\_LOGIN\_ID   + "Unit Category"     - Radio Button     - Display = CUNIT\_CATEGORY\_NAME     - Value =       * Strata       * Lease       * Strata - Lease   + "Gross Size"     - Textbox     - Display = NGROSS\_AREA\_SIZE     - Numeric(8,2)     - Numeric Input Only       * *"Sqm"*       * Label       * Value =   SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]  AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID   * + "Actual Area"     - Textbox     - Display = NACTUAL\_AREA\_SIZE     - Numeric(8,2)     - Numeric Input Only       * *"Sqm"*       * Label       * Value =   SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]  AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID   * + "Net Size"     - Textbox     - Display = NNET\_AREA\_SIZE     - Numeric(8,2)     - Numeric Input Only       * *"Sqm"*       * Label       * Value =   SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]  AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID   * + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - Default Value = [0] Unchecked |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to MODIFY PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Disabled fields: "Last Update By", "Last Update Date" * Set focus to column: "Unit Id" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Unit Id", "Last Update By", "Last Update Date" * Set focus to column: "Unit Name" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_BUILDING\_UNIT  "Login Company Id"  , "Property Id"  , "Building Id"  , "Floor Id"  , "Unit Id"  , "Unit Name"  , "Description"  , "Unit Type"  , "Gross Size"  , "Net Size"  , "Actual Area"  , "Unit View"  , "Unit Category"  , "Active"  , "DELETE"  , Login User Id |  |

SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Building Unit   EXEC RSP\_GS\_MAINTAIN\_BUILDING\_UNIT  "Login Company Id"  , "Property Id"  , "Building Id"  , "Floor Id"  , "Unit Id"  , "Unit Name"  , "Description"  , "Unit Type"  , "Gross Size"  , "Net Size"  , "Actual Area"  , "Unit View"  , "Unit Category"  , "Active"  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation: * Jalankan RSP\_ACTIVITY\_VALIDITY {Login Company ID}, 'GSM02504'   If no Error maka jalankan :  Baca result,  Munculkan Pop Up dengan  Label Reason = {Text Box Double byte max 100}  Button = OK / Cancel  Tampung Nilai di @DETAIL\_ACTION  If Result count = 1 and value = All, maka jalankan update  If Result Value <> 1 dan value <> = All maka buka GFF00900  @PROPERTY\_NO ={Login Property Id}  @ACTION\_CODE = 'GSM02504'  @DATE = @ActiveDate  @REQUEST\_BY = {Login User Id}  @DETAIL\_ACTION = CCOMPANY\_ID + ‘|’ + hasil detail action  @USER\_LIST = Result SP  Setelah melalui process applikasi tersebut, Bila Sukses jalankan :  [RSP\_CREATE\_ACTIVITY\_APPROVAL\_LOG]  @P\_CCOMPANY\_ID = {Login Company Id}  @P\_CAPPROVAL\_CODE = 'GSM02504'  @P\_CREFERENCE\_NO = CCOMPANY\_ID  @P\_CREFERENCE\_INFO = CCOMPANY\_ID + ‘|’ + hasil detail action  @P\_DAPPROVAL\_DATE = @ActiveDate  @P\_CAPPROVAL\_USER\_ID = {Return User Id}  @P\_CACTIVITY\_USER\_ID = {Login user Id}  @P\_CREASON\_CODE = ''  @P\_CAPPROVAL\_NOTE = @ACTION\_DETAIL   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_BUILDING\_UNIT  Login Company Id  , "Property Id"  , "Building Id"  , "Floor Id"  , "Unit Id"  , Flag Active [True] / [False]  , Login User Id |  |

TEMPLATE PROCESS

~~USER INTERFACE~~

**~~OUTPUT FILE:~~**



|  |  |
| --- | --- |
| **[CR02]** | **Test** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~UnitId~~   + ~~UnitName~~   + ~~UnitType~~   + ~~UnitView~~   + ~~GrossSize~~   + ~~NetSize~~   + ~~CommonArea~~   + ~~UnitCategory~~   + ~~Active~~   + ~~NonActiveDate~~ |  |
| * ~~Create File Excel~~ |  |
| * ~~Tampilkan file directory untuk user melakukan save as~~ |  |
| * ~~Note:~~   + ~~Buat file browser untuk pilih lokasi download~~   + ~~Generate Excel File~~   + ~~Tentukan format file, contoh: Unit + “ CBUILDING\_ID” + “ CPROPERTY\_ID”.xls”~~ |  |
| * Download Unit File from Server * Tampilkan file directory untuk user melakukan save as |  |

UPLOAD PROCESS



BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * “Open File Explorer” – Untuk membuka File Explorer yang digunakan untuk mencari source file MS-Excel yang akan di-import ke dalam table Database. * “**L**oad” – untuk menampilkan file MS-Excel yang dipilih ke dalam List Load Unit. * “**P**rocess” – Untuk melakukan proses import data – data yang ada di List Load Unit. * “**C**ancel” – Untuk keluar dari program Load Unit dan kembali ke program Property Profile. |  |

OUTPUT

|  |  |
| --- | --- |
|  | **Test** |
| * Data pada table master Unit. |  |

ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * Program ini dijalankan oleh operator yang mempunyai hak kewenangan menjalankan General System. |  |

INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Form:   + Textbox “Property” (Read Only) isi dengan Selected Property Id + Selected Property Name.   + Textbox “Building” (Read Only) isi dengan Selected Building Id + Selected Building Name.   + Kosongkan “Source File (Excel)” Textbox.   + Kosongkan List Load Unit (Read Only).   + Unchecked “Overwrite the existing records” Checkbox.   + Disabled semua button.   + Enabled button Open File Explorer.   + Enabled button Process & Cancel.   + Set Focus pada Textbox “Source File (Excel)”. |  |

BROWSE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Keluarkan windows File Explorer, filter hanya menampilkan file-file Ms-Excel saja. * Tunggu respon dari user yang memilih file Ms-Excel yang dikehendaki. |  |
| * Jika user sudah memilih pada windows File Explorer, lakukan:   + Isi Full path directory dan nama file berikut extension file ke dalam textbox “Source File (Excel)”.   + Jalankan Lost Focus textbox “Source File (Excel)”.     - Clear isi List Load Unit.   **[CR02]**   * + - ~~Jika textbox kosong disabled tombol “Load”.~~     - ~~Jika textbox berisi enabled tombol “Load”.~~     - ~~Set Focus ke tombol “Load”.~~ |  |
| **[CR02]**   * Validasi extension File harus “xlsx”. Jika tidak tampilkan pesan “File Type must Microsoft Excel .xlsx”, Ok. * Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok. |  |
| **[CR02]**   * Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNIT   + Jalankan RSP\_LM\_VALIDATE\_UPLOAD\_BUILDING\_UNIT     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - CBUILDING\_ID = Selected Building Id     - CFLOOR\_ID = Selected Floor Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID] |  |
| **[CR02]**   * + Baca Database untuk Get data master Unit   SELECT \* FROM GSM\_PROPERTY\_UNIT (NOLCOK)  WHERE  CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id  AND CBUILDING\_ID = Selected Building Id  AND CFLOOR\_ID = Selected Floor Id   * + Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0 |  |

~~LOAD PROCESS~~

|  |  |
| --- | --- |
| **[CR02]** | **Test** |
| * ~~Disabled “Source File (Excel)” textbox, tombol “Open File Explorer”, tombol “Process”, tombol “Cancel”.~~ |  |
| * ~~Tampilkan tanda “Process Loading…” – Modal Windows.~~ |  |
| * ~~Validasi extension File harus “xls”. Jika tidak tampilkan pesan “File Type must Microsoft Excel”, Ok.~~ * ~~Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok.~~ |  |
| * ~~If error not found~~   + ~~Get Data dari File Excel~~   + ~~Validasi isi Data List Load Floor dari File Excel~~   + ~~Baca Database untuk Get data master Unit~~   ~~SELECT \* FROM GSM\_PROPERTY\_UNIT (NOLCOK)~~  ~~WHERE~~  ~~CCOMPANY\_ID = Login Company Id~~  ~~AND CPROPERTY\_ID = Selected Property Id~~  ~~AND CBUILDING\_ID = Selected Building Id~~   * + ~~Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0~~ |  |
| * ~~Jalankan “~~**~~DISPLAY PROCESS~~**~~”~~ |  |

DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan data List of Load Unit   + Definisi Fields:     - “Selected”       * Checkbox       * Var\_Selected     - “Unit Id”       * Textbox     - “Unit Name”       * Textbox     - “Unit Type”       * Textbox     - “Unit View”       * Textbox     - “Gross Size”       * Textbox     - “Net Size”       * Textbox     - “Common Area”       * Textbox     - “Unit Category”       * Textbox     - “Active” = Checkbox     - “Non Active Date” = Textbox     - Hidden(Var\_Exists)     - Hidden(Var\_Overwrite)   + Font Beri Warna Merah jika Var\_Exists = 1   + Read Only List of Load Floor   + Enabled Column “Selected”   + Column “Selected”.InteractiveChange()     - Update satu current record Var\_Selected = Iif(Chekbox.”Selected”.Checked, 1, 0) |  |
| * Jika List of Load Unit ada isinya   + Checked “Overwrite the existing records” Checkbox     - Jika Checkbox “Overwrite the existing” berubah nilai, Update semua record Var\_Overwrite = Iif(Checkbox.”Overwrite the existing”.Checked, 1, 0)   + Enabled Process button, Cancel button |  |

PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan pesan konfirmasi “Are you sure want to import data?” dengan tombol “Yes” dan “No” * Jika “Yes”   Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNIT  CREATE TABLE #UNIT(NO INT  , UnitId VARCHAR(20)  , UnitName VARCHAR(100)  , UnitType VARCHAR(20)  , UnitView VARCHAR(20)  , GrossSize NUMERIC(5,2)  , NetSize NUMERIC(5,2)  , CommonArea NUMERIC(5,2)  , UnitCategory VARCHAR(2)  , Active BIT  , NonActiveDate VARCHAR(8)  )  INSERT “List of DTO” INTO #UNIT   * + EXEC RSP\_GS\_UPLOAD\_BUILDING\_UNIT     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - CBUILDING\_ID = Selected Building Id     - CFLOOR\_ID = Selected Floor Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]     - @Var\_Overwrite = Flag Overwrite   Jika terdapat error data, tampilkan kedalam pop-up Grid seperti contoh dibawah |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |



|  |  |
| --- | --- |
|  | **Test** |
| Generate Template Process (Create excel file)   * Atur data yang akan didownload dengan detail sebagai berikut:   + UnitId   + UnitName   + UnitType   + UnitView   + GrossSize   + NetSize   + CommonArea   + UnitCategory   + Active   + NonActiveDate   + Notes |  |
| * Create File Excel |  |
| * Tampilkan file directory untuk user melakukan save as |  |
| * Note:   + Buat file browser untuk pilih lokasi download   + Generate Excel File   + Tentukan format file, contoh: Unit\_ERROR + “ CBUILDING\_ID” + “ CPROPERTY\_ID”.xls” |  |

CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Property Profile |  |

UTILITIES

USER INTERFACE

**[CR02]**





BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Modify * Button Delete * Button Active/Inactive * Button Template * Button Upload |  |

DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Selected Building   SELECT CBUILDING\_ID, CBUILDING\_NAME FROM GSM\_PROPERTY\_BUILDING (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  AND CBUILDING\_ID = 'Selected Building Id'   * Display data:   + "Building"     - Textbox     - Display = CBUILDING\_NAME     - NVARCHAR(100) |  |
| * Load Building Floor   SELECT CFLOOR\_ID, CFLOOR\_NAME FROM GSM\_PROPERTY\_FLOOR (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  AND CBUILDING\_ID = 'Selected Building Id'  AND CFLOOR\_ID = 'Selected Floor Id'   * Display data:   + "Floor"     - Textbox     - Display = CFLOOR\_NAME     - NVARCHAR(100) |  |
| * Load Selected Building Unit [BUILIDNG\_UNIT]   SELECT CFLOOR\_ID, CFLOOR\_NAME FROM GSM\_PROPERTY\_UNIT (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  AND CBUILDING\_ID = 'Selected Building Id'  AND CFLOOR\_ID = 'Selected Floor Id'  AND CUNIT\_ID = 'Selected Unit Id'   * Display data [BUILIDNG\_UNIT\_LIST]:   + "Unit"     - Textbox     - Display = CUNIT\_ID, CUNIT\_NAME     - VARCHAR(20), NVARCHAR(100) |  |
| * Load Utility Type List [UTILITY\_TYPE\_LIST]   SELECT CCODE, CDESCRIPTION FROM RFT\_GET\_GSB\_CODE\_INFO  ('BIMASAKTI', [Login Company Id], '\_BS\_UTILITY\_CHARGES\_TYPE', '', [Login Language Id])   * Display data [UTILITY\_TYPE\_LIST]:   + "Utility Type"     - Textbox     - Display = DESCRIPTION     - NVARCHAR(100) |  |
| * Load Utility List [UTILITIES\_LIST]   EXEC RSP\_GS\_GET\_BUILDING\_UTILITIES\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Building\_Id, @Selected\_Floor\_Id, @Selected\_Unit\_Id, @Selected\_Utilities\_Type\_Id, @CSEQUENCE, @CUSER\_LOGIN\_ID   * Display data [UTILITIES\_LIST]:   + "Seq No"     - Textbox     - Display = CSEQUENCE     - Disabled     - Automatic Generated, Last Sequence + 1   + "Meter No."     - Textbox     - Display = CMETER\_NO   + "PF"     - Textbox     - Display = NCALCULATION\_FACTOR   + "KVA"     - Textbox     - Display = NCAPACITY   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked |  |
| * Load Building Unit Utilities Detail [BUILIDNG\_UNIT\_DETAIL]   EXEC RSP\_GS\_GET\_BUILDING\_UTILITIES\_DETAIL @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Building\_Id, @Selected\_Floor\_Id, @Selected\_Unit\_Id, @Selected\_Utilities\_Type\_Id, @CSEQUENCE, @CUSER\_LOGIN\_ID   * Display data [BUILIDNG\_UNIT\_DETAIL]:   + "Seq No"     - Textbox     - Display = CSEQUENCE     - Disabled (automatic generated)   + "Meter No.\*"     - Textbox     - Display = CMETER\_NO     - VARCHAR(50)   + "Calculation Factor"     - Textbox     - Display = NCALCULATION\_FACTOR     - Numeric Input Only   + "Capacity (Electricity)" KVA     - Textbox     - Display = NCAPACITY     - Numeric Input Only     - Visible and Enable IF "Utility Type" = [01] – Electricity   + "Max Reset Value"     - Textbox     - Display = IMETER\_MAX\_COUNT     - Numeric Input Only   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - Default Value = [0] Unchecked |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to MODIFY PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Disabled fields: "Last Update By", "Last Update Date" * Set focus to column: "Meter No." |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Unit Id", "Last Update By", "Last Update Date" * Set focus to column: "Meter No." |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_BUILDING\_UNIT\_UTILITIES  "Login Company Id"  , "Property Id"  , "Building Id"  , "Floor Id"  , "Unit Id"  , "Utilities Type"  , "Sequence No"  , "Meter No.\*"  , "Calculation Factor"  , "Capacity (Electricity)" KVA  , "Max Reset Value"  , "Active"  , "DELETE"  , Login User Id |  |

SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Building Unit Utilities   EXEC RSP\_GS\_MAINTAIN\_BUILDING\_UNIT\_UTILITIES  "Login Company Id"  , "Property Id"  , "Building Id"  , "Floor Id"  , "Unit Id"  , "Utilities Type"  , "Sequence No"  , "Meter No.\*"  , "Calculation Factor"  , "Capacity (Electricity)" KVA  , "Max Reset Value"  , "Active"  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation: * Jalankan RSP\_ACTIVITY\_VALIDITY {Login Company ID}, 'GSM02504'   If no Error maka jalankan :  Baca result,  Munculkan Pop Up dengan  Label Reason = {Text Box Double byte max 100}  Button = OK / Cancel  Tampung Nilai di @DETAIL\_ACTION  If Result count = 1 and value = All, maka jalankan update  If Result Value <> 1 dan value <> = All maka buka GFF00900  @PROPERTY\_NO ={Login Property Id}  @ACTION\_CODE = 'GSM02505'  @DATE = @ActiveDate  @REQUEST\_BY = {Login User Id}  @DETAIL\_ACTION = CCOMPANY\_ID + ‘|’ + hasil detail action  @USER\_LIST = Result SP  Setelah melalui process applikasi tersebut, Bila Sukses jalankan :  [RSP\_CREATE\_ACTIVITY\_APPROVAL\_LOG]  @P\_CCOMPANY\_ID = {Login Company Id}  @P\_CAPPROVAL\_CODE = 'GSM02505'  @P\_CREFERENCE\_NO = CCOMPANY\_ID  @P\_CREFERENCE\_INFO = CCOMPANY\_ID + ‘|’ + hasil detail action  @P\_DAPPROVAL\_DATE = @ActiveDate  @P\_CAPPROVAL\_USER\_ID = {Return User Id}  @P\_CACTIVITY\_USER\_ID = {Login user Id}  @P\_CREASON\_CODE = ''  @P\_CAPPROVAL\_NOTE = @ACTION\_DETAIL   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_BUILDING\_UNIT\_UTILITIES  Login Company Id  , "Property Id"  , "Building Id"  , "Floor Id"  , "Unit Id"  , "Utilities Type"  , "Sequence"  , Flag Active [True] / [False]  , Login User Id |  |

TEMPLATE PROCESS

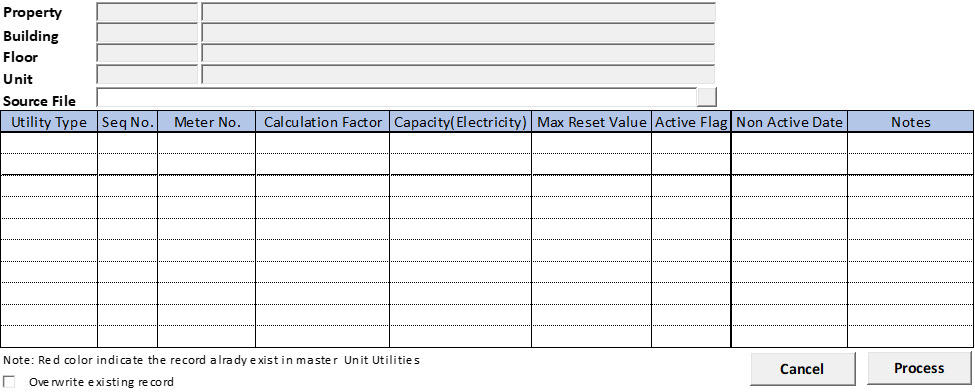
~~USER INTERFACE~~

**~~OUTPUT FILE:~~**



|  |  |
| --- | --- |
| **[CR02]** | **Test** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~UtilityType~~   + ~~SeqNo~~   + ~~MeterNo~~   + ~~CalculationFactor~~   + ~~Capacity(Electricity)~~   + ~~MaxResetValue~~   + ~~Active~~   + ~~NonActiveDate~~   + ~~Notes~~ |  |
| * ~~Create File Excel~~ |  |
| * ~~Tampilkan file directory untuk user melakukan save as~~ |  |
| * ~~Note:~~   + ~~Buat file browser untuk pilih lokasi download~~   + ~~Generate Excel File~~   + ~~Tentukan format file, contoh: Utility Type + “ CUNIT\_ID” + “ CPROPERTY\_ID”.xls”~~ |  |
| * Download Unit Utility File from Server * Tampilkan file directory untuk user melakukan save as |  |

UPLOAD PROCESS



BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * “Open File Explorer” – Untuk membuka File Explorer yang digunakan untuk mencari source file MS-Excel yang akan di-import ke dalam table Database. * “**L**oad” – untuk menampilkan file MS-Excel yang dipilih ke dalam List Load Unit Utilities. * “**P**rocess” – Untuk melakukan proses import data – data yang ada di List Load Unit Utilities. * “**C**ancel” – Untuk keluar dari program Load Unit Utilities dan kembali ke program Property Profile. |  |

OUTPUT

|  |  |
| --- | --- |
|  | **Test** |
| * Data pada table master Unit Utilities. |  |

ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * Program ini dijalankan oleh operator yang mempunyai hak kewenangan menjalankan General System. |  |

INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Form:   + Textbox “Property” (Read Only) isi dengan Selected Property Id + Selected Property Name.   + Textbox “Building” (Read Only) isi dengan Selected Building Id + Selected Building Name.   + Textbox “Floor” (Read Only) isi dengan Selected Floor Id + Selected Floor Name.   + Textbox “Unit” (Read Only) isi dengan Selected Unit Id + Selected Unit Name.   + Kosongkan “Source File (Excel)” Textbox.   + Kosongkan List Load Unit Utilityes (Read Only).   + Unchecked “Overwrite the existing records” Checkbox.   + Disabled semua button.   + Enabled button Open File Explorer.   + Enabled button Process & Cancel.   + Set Focus pada Textbox “Source File (Excel)”. |  |

BROWSE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Keluarkan windows File Explorer, filter hanya menampilkan file-file Ms-Excel saja. * Tunggu respon dari user yang memilih file Ms-Excel yang dikehendaki. |  |
| * Jika user sudah memilih pada windows File Explorer, lakukan:   + Isi Full path directory dan nama file berikut extension file ke dalam textbox “Source File (Excel)”.   + Jalankan Lost Focus textbox “Source File (Excel)”.     - Clear isi List Load Unit Utility.   **[CR02]**   * + - ~~Jika textbox kosong disabled tombol “Load”.~~     - ~~Jika textbox berisi enabled tombol “Load”.~~     - ~~Set Focus ke tombol “Load”.~~ |  |
| **[CR02]**   * Validasi extension File harus “xlsx”. Jika tidak tampilkan pesan “File Type must Microsoft Excel .xlsx”, Ok. * Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok. |  |
| **[CR02]**   * Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNIT\_UTILITIES   + EXEC RSP\_GS\_VALIDATE\_UPLOAD\_BUILDING\_UNIT\_UTILITIES     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - CBUILDING\_ID = Selected Building Id     - CFLOOR\_ID = Selected Floor Id     - CUNIT\_ID = Selected Unit Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID] |  |
| **[CR02]**   * Baca Database untuk Get data master Unit Utilities   SELECT \* FROM GSM\_PROPERTY\_UNIT\_UTILITY\_METER(NOLCOK)  WHERE  CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id  AND CBUILDING\_ID = Selected Building Id  AND CFLOOR\_ID = Selected Floor Id  AND CUNIT\_ID = Selected Unit Id   * Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT\_UTILITY\_METER match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0 |  |

~~LOAD PROCESS~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| * ~~Disabled “Source File (Excel)” textbox, tombol “Open File Explorer”, tombol “Process”, tombol “Cancel”.~~ |  |
| * ~~Tampilkan tanda “Process Loading…” – Modal Windows.~~ |  |
| * ~~Validasi extension File harus “xls”. Jika tidak tampilkan pesan “File Type must Microsoft Excel”, Ok.~~ * ~~Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok.~~ |  |
| * ~~If error not found~~   + ~~Get Data dari File Excel~~   + ~~Validasi isi Data List Load Floor dari File Excel~~   + ~~Baca Database untuk Get data master Unit Utilities~~   ~~SELECT \* FROM GSM\_PROPERTY\_UNIT\_UTILITY\_METER(NOLCOK)~~  ~~WHERE~~  ~~CCOMPANY\_ID = Login Company Id~~  ~~AND CPROPERTY\_ID = Selected Property Id~~  ~~AND CBUILDING\_ID = Selected Building Id~~  ~~AND CFLOOR\_ID = Selected Floor Id~~  ~~AND CUNIT\_ID = Selected Unit Id~~   * + ~~Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT\_UTILITY\_METER match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0~~ |  |
| * ~~Jalankan “~~**~~DISPLAY PROCESS~~**~~”~~ |  |

DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan data List of Load Unit Utilities   + Definisi Fields:     - “Selected”       * Checkbox       * Var\_Selected     - “Unit Type”       * Textbox     - “Seq No.”       * Textbox     - “Meter No.”       * Textbox     - “Calculation Factor”       * Textbox     - “Capacity(Electricity)”       * Textbox     - “Max Reset Value”       * Textbox     - “Active” = Checkbox     - “Non Active Date” = Textbox     - Hidden(Var\_Exists)     - Hidden(Var\_Overwrite)   + Font Beri Warna Merah jika Var\_Exists = 1   + Read Only List of Load Unit Utilities   + Enabled Column “Selected”   + Column “Selected”.InteractiveChange()     - Update satu current record Var\_Selected = Iif(Chekbox.”Selected”.Checked, 1, 0) |  |
| * Jika List of Load Unit Utilities ada isinya   + Checked “Overwrite the existing records” Checkbox     - Jika Checkbox “Overwrite the existing” berubah nilai, Update semua record Var\_Overwrite = Iif(Checkbox.”Overwrite the existing”.Checked, 1, 0)   + Enabled Process button, Cancel button |  |

PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan pesan konfirmasi “Are you sure want to import data?” dengan tombol “Yes” dan “No” * Jika “Yes”   Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNIT  CREATE TABLE #UNIT\_UTILITIES(NO INT  , CUTILITY\_TYPE VARCHAR(2)  , CSEQUENCE VARCHAR(3)  , CMETER\_NO VARCHAR(50)  , NCALCULATION\_FACTOR NUMERIC(18,2)  , NCAPACITY NUMERIC(18,2)  , IMETER\_MAX\_RESET INT  , Active BIT  , NonActiveDate VARCHAR(8)  )  INSERT “List of DTO” INTO #UNIT\_UTILITIES   * + EXEC RSP\_GS\_UPLOAD\_BUILDING\_UNIT\_UTILITIES     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - CBUILDING\_ID = Selected Building Id     - CFLOOR\_ID = Selected Floor Id     - CUNIT\_ID = Selected Unit Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]     - @Var\_Overwrite = Flag Overwrite   Jika terdapat error data, tampilkan kedalam pop-up Grid seperti contoh dibawah |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |



|  |  |
| --- | --- |
|  | **Test** |
| Generate Template Process (Create excel file)   * Atur data yang akan didownload dengan detail sebagai berikut:   + UtilityType   + SeqNo   + MeterNo   + CalculationFactor   + Capacity(Electricity)   + MaxResetValue   + Active   + NonActiveDate   + Notes |  |
| * Create File Excel |  |
| * Tampilkan file directory untuk user melakukan save as |  |
| * Note:   + Buat file browser untuk pilih lokasi download   + Generate Excel File   + Tentukan format file, contoh: UTILITIES\_ERROR + “ CUNIT\_ID” + “ CPROPERTY\_ID”.xls” |  |

CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Property Profile |  |

### TAB – UNIT TYPE

**[CR02]**

#### TAB – UNIT TYPE CATEGORY

##### USER INTERFACE

**[CR02]**



**[CR01]**



##### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Modify * Button Delete * Button Active/Inactive * Button Upload * Button Template   Download Template untuk kebutuhan upload process |  |

##### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Unit Type Category List [UNIT\_TYPE\_CTG\_LIST]   EXEC RSP\_GS\_GET\_UNIT\_TYPE\_CTG\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_ID, @CUSER\_LOGIN\_ID   * Display data [UNIT\_TYPE\_CTG\_LIST]:   + "Unit Type Category"     - Textbox     - Display = CUNIT\_TYPE\_CATEGORY\_NAME     - NVARCHAR(100) |  |
| * Load Unit Type [UNIT\_TYPE\_CTG\_DETAIL]   EXEC RSP\_GS\_GET\_UNIT\_TYPE\_CTG\_DETAIL @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Unit\_Type\_Category\_Id, @CUSER\_LOGIN\_ID   * Display data [UNIT\_TYPE\_CTG\_DETAIL]:   + "Unit Type Category"     - Textbox     - Display = CUNIT\_TYPE\_CATEGORY\_ID, CUNIT\_TYPE\_CATEGORY\_NAME     - VARCHAR(20), NVARCHAR(100)     - Mandatory   + "Description"     - Textbox     - Display = CDESCRIPTION     - VARCHAR(MAX)   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - Default Value = [0] Unchecked   **[CR01]**   * + "Property Type"     - Combobox     - Field = CPROPERTY\_TYPE     - Display = CPROPERTY\_TYPE\_NAME     - Value =   SELECT CPROPERTY\_TYPE\_CODE  , CPROPERTY\_TYPE\_NAME  , LSINGLE\_UNIT  FROM GSM\_PROPERTY\_TYPE (NOLOCK)  WHERE CCOMPANY\_ID = [Login Company Id]   * + "Single Unit"     - Checkbox     - Display = LSINGLE\_UNIT     - Value = [1] Checked / [0] Unchecked     - Disabled     - Get Value from combobox Property Type   **[\CR01]**   * + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Update Date"     - Textbox     - Display = CUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to MODIFY PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

##### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Disabled fields: "Last Update By", "Last Update Date" * Set focus to column: "Unit Type Category" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

##### EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Unit Type Category Id", "Last Update By", "Last Update Date" * Set focus to column: "Unit Type Name" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

##### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_UNIT\_TYPE\_CATEGORY  "Login Company Id"  , "Property Id"  , "Unit Type Category Id"  , "Unit Type Category Name"  , "Description"  , "Active"  , "DELETE"  , Login User Id |  |

##### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Unit Type Category   EXEC RSP\_GS\_MAINTAIN\_UNIT\_TYPE\_CATEGORY  "Login Company Id"  , "Property Id"  , "Unit Type Category Id"  , "Unit Type Category Name"  , "Description"  , "Active"  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

##### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation: * Jalankan RSP\_ACTIVITY\_VALIDITY {Login Property ID}, 'GSM02505'   If no Error maka jalankan :  Baca result,  Munculkan Pop Up dengan  Label Reason = {Text Box Double byte max 100}  Button = OK / Cancel  Tampung Nilai di @DETAIL\_ACTION  If Result count = 1 and value = All, maka jalankan update  If Result Value <> 1 dan value <> = All maka buka GFF00900  @PROPERTY\_NO ={Login Property Id}  @ACTION\_CODE = 'BP00100'  @DATE = @ActiveDate  @REQUEST\_BY = {Login User Id}  @DETAIL\_ACTION = CPROPERTY\_ID + ‘|’ + hasil detail action  @USER\_LIST = Result SP  Setelah melalui process applikasi tersebut, Bila Sukses jalankan :  [RSP\_CREATE\_ACTIVITY\_APPROVAL\_LOG]  @P\_CPROPERTY\_ID = {Login Property Id}  @P\_CAPPROVAL\_CODE = 'GSM02505'  @P\_CREFERENCE\_NO = CPROPERTY\_ID  @P\_CREFERENCE\_INFO = CPROPERTY\_ID + ‘|’ + hasil detail action  @P\_DAPPROVAL\_DATE = @ActiveDate  @P\_CAPPROVAL\_USER\_ID = {Return User Id}  @P\_CACTIVITY\_USER\_ID = {Login user Id}  @P\_CREASON\_CODE = ''  @P\_CAPPROVAL\_NOTE = @ACTION\_DETAIL   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_UNIT\_TYPE\_CATEGORY  Login Company Id  , "Property Id"  , "Unit Type Category Id"  , Flag Active [True] / [False]  , Login User Id |  |

##### TEMPLATE PROCESS

###### ~~USER INTERFACE~~

**~~OUTPUT FILE:~~**

~~~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~UnitTypeCategoryCode~~   + ~~UnitTypeCategoryName~~   + ~~Description~~   + ~~Active~~   + ~~NonActiveDate~~   + ~~Notes~~ |  |
| * ~~Create File Excel~~ |  |
| * ~~Tampilkan file directory untuk user melakukan save as~~ |  |
| * ~~Note:~~   + ~~Buat file browser untuk pilih lokasi download~~   + ~~Generate Excel File~~   + ~~Tentukan format file, contoh: UnitTypeCategory + “ CPROPERTY\_ID”.xls”~~ |  |
| * Download Unit File from Server * Tampilkan file directory untuk user melakukan save as |  |

##### UPLOAD PROCESS

###### USER INTERFACE



###### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * “Open File Explorer” – Untuk membuka File Explorer yang digunakan untuk mencari source file MS-Excel yang akan di-import ke dalam table Database. * “**L**oad” – untuk menampilkan file MS-Excel yang dipilih ke dalam List Load Unit Type. * “**P**rocess” – Untuk melakukan proses import data – data yang ada di List Load Unit Type. * “**C**ancel” – Untuk keluar dari program Load Unit Type dan kembali ke program Property Profile. |  |

###### OUTPUT

|  |  |
| --- | --- |
|  | **Test** |
| * Data pada table master Unit Type Category. |  |

###### ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * Program ini dijalankan oleh operator yang mempunyai hak kewenangan menjalankan General System. |  |

###### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Form:   + Textbox “Property” (Read Only) isi dengan Selected Property Id + Selected Property Name.   + Kosongkan “Source File (Excel)” Textbox.   + Kosongkan List Load Unit Type (Read Only).   + Unchecked “Overwrite the existing records” Checkbox.   + Disabled semua button.   + Enabled button Open File Explorer.   + Enabled button Process & Cancel.   + Set Focus pada Textbox “Source File (Excel)”. |  |

###### BROWSE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Keluarkan windows File Explorer, filter hanya menampilkan file-file Ms-Excel saja. * Tunggu respon dari user yang memilih file Ms-Excel yang dikehendaki. |  |
| * Jika user sudah memilih pada windows File Explorer, lakukan:   + Isi Full path directory dan nama file berikut extension file ke dalam textbox “Source File (Excel)”.   + Jalankan Lost Focus textbox “Source File (Excel)”.     - Clear isi List Load Unit Type Category.   **[CR02]**   * + - ~~Jika textbox kosong disabled tombol “Load”.~~     - ~~Jika textbox berisi enabled tombol “Load”.~~     - ~~Set Focus ke tombol “Load”.~~ |  |
| **[CR02]**   * Validasi extension File harus “xlsx”. Jika tidak tampilkan pesan “File Type must Microsoft Excel .xlsx”, Ok. * Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok. |  |
| **[CR02]**   * Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNIT\_UTILITIES   + EXEC RSP\_GS\_VALIDATE\_UPLOAD\_PROPERTY\_UNIT\_TYPE\_CTG     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID] |  |
| **[CR02]**   * Baca Database untuk Get data master Unit Type Category   SELECT \* FROM GSM\_PROPERTY\_UNIT\_TYPE\_CATEGORY (NOLCOK)  WHERE  CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id   * Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT\_TYPE\_CATEGORY match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0 |  |

###### ~~LOAD PROCESS~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| * ~~Disabled “Source File (Excel)” textbox, tombol “Open File Explorer”, tombol “Process”, tombol “Cancel”.~~ |  |
| * ~~Tampilkan tanda “Process Loading…” – Modal Windows.~~ |  |
| * ~~Validasi extension File harus “xls”. Jika tidak tampilkan pesan “File Type must Microsoft Excel”, Ok.~~ * ~~Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok.~~ |  |
| * ~~If error not found~~   + ~~Get Data dari File Excel~~     - ~~Baca Database untuk Get data master Unit Type Category~~   ~~SELECT \* FROM GSM\_PROPERTY\_UNIT\_TYPE\_CATEGORY (NOLCOK)~~  ~~WHERE~~  ~~CCOMPANY\_ID = Login Company Id~~  ~~AND CPROPERTY\_ID = Selected Property Id~~   * + - ~~Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT\_TYPE\_CATEGORY match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0~~ |  |
| * ~~Jalankan “~~**~~DISPLAY PROCESS~~**~~”~~ |  |

###### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan data List of Load Unit Type Category   + Definisi Fields:     - “Selected”       * Checkbox       * Var\_Selected     - “Unit Type Category Id”       * Textbox     - “Unit Type Catgory Name”       * Textbox     - “Description”       * Textbox     - “Active” = Checkbox     - “Non Acitve Date” = Textbox     - Hidden(Var\_Exists)     - Hidden(Var\_Overwrite)   + Font Beri Warna Merah jika Var\_Exists = 1   + Read Only List of Load Unit Type   + Enabled Column “Selected”   + Column “Selected”.InteractiveChange()     - Update satu current record Var\_Selected = Iif(Chekbox.”Selected”.Checked, 1, 0) |  |
| * Jika List of Load Unit Type Category ada isinya   + Checked “Overwrite the existing records” Checkbox     - Jika Checkbox “Overwrite the existing” berubah nilai, Update semua record Var\_Overwrite = Iif(Checkbox.”Overwrite the existing”.Checked, 1, 0)   + Enabled Process button, Cancel button |  |

###### PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Check apakah Unit Type sudah di gunakan / belum   IF EXISTS(SELECT TOP 1 1 FROM GSM\_PROPERTY\_UNIT\_TYPE (NOLOCK)  WHERE CCOMPANY\_ID = @CCOMPANY\_ID  AND CPROPERTY\_ID = @CPROPERTY\_ID  AND CUNIT\_TYPE\_CATEGORY\_ID = @CUNIT\_TYPE\_CATEGORY\_ID  )  OR EXISTS(SELECT TOP 1 1 FROM GSM\_PROPERTY\_UNIT (NOLOCK)  WHERE CCOMPANY\_ID = @CCOMPANY\_ID  AND CPROPERTY\_ID = @CPROPERTY\_ID  AND CUNIT\_TYPE\_CATEGORY\_ID = @CUNIT\_TYPE\_CATEGORY\_ID  )   * + Jika sudah di gunakan, tampilkan message “Cannot Load Unit Type Category, existing Unit Type Category already in use”, Ok * Tampilkan pesan konfirmasi “Are you sure want to import data?” dengan tombol “Yes” dan “No” * Jika “Yes”   Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNITTYPE  CREATE TABLE #UNIT\_TYPE\_CATEGORY(NO INT  , UnitTypeCategoryId VARCHAR(20)  , UnitTypeCategoryName NVARCHAR(100)  , Description NVARCHAR(MAX)  , Active BIT  , NonActiveDate VARCHAR(8)  )  INSERT “List of DTO” INTO #UNITTYPECATEGORY   * + EXEC RSP\_GS\_UPLOAD\_PROPERTY\_UNIT\_TYPE\_CTG     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]     - @Var\_Overwrite = Flag Overwrite |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |

##### CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Property Profile |  |

##### TAB – CHARGE

###### USER INTERFACE

**[CR01]**



###### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| On Value Change Unit Type Category, Load Charges List  EXEC RSP\_GS\_GET\_UNIT\_TYPE\_CTG\_CHARGES\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_ID, @Selected\_Unit\_Type\_Category\_Id, @CUSER\_LOGIN\_ID   * Display data [UNIT\_TYPE\_CTG\_LIST]:   + "Seq"     - Textbox     - Display = CSEQ     - VARCHAR(3)     - Automatic Generate Last Seq + 1     - Default = 000     - Disabled   + "Charge Type"     - Combobox     - Field = CCHARGES\_TYPE\_ID     - Display = CCHARGES\_TYPE\_DESCR     - Value =   SELECT CODE, DESCRIPTION FROM RFT\_GET\_GSB\_CODE\_INFO  ('BIMASAKTI', [Login Company Id], '\_BS\_UTILITY\_CHARGES\_TYPE', '', [Login Language Id])   * + "Charge Id"     - Lookup     - Field = CCHARGES\_ID     - Display = CCHARGES\_NAME     - Value = LML00400 – Utility Charges Lookup   With Parameter:   * + - * Login Company Id       * Selected Property Id       * Selected Charges Type Id       * User Login Id   + "Description"     - Textbox     - Field = CDESCRIPTION     - Varchar(255)   + "Fee Method"     - Combobox     - Field = CFEE\_METHOD     - Display = CFEE\_METHOD\_DESCR     - Value =   SELECT CCODE, DDESCRIPTION FROM RFT\_GET\_GSB\_CODE\_INFO  ('BIMASAKTI', [Login Company Id], '\_BS\_FEE\_METHOD', '', [Login Language Id])   * + "Invoice Period"     - Combobox     - Field = CINVOICE\_PERIOD     - Display = CINVOICE\_PERIOD\_DESCR     - Value =   SELECT CODE, DESCRIPTION FROM RFT\_GET\_GSB\_CODE\_INFO  ('BIMASAKTI', [Login Company Id], '\_BS\_FEE\_METHOD', '', [Login Language Id])   * + "Updated By"     - Textbox     - Display = CUPDATE\_BY   + "Updated Date"     - Textbox     - Display = CUPDATE\_DATE   + "Created By"     - Textbox     - Display = CCREATE\_BY   + "Created Date"     - Textbox     - Display = CCREATE\_DATE |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to MODIFY PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

###### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Disabled fields: "Seq" * Set focus to column: "Charge Type" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

###### EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Seq", "Charge Type" * Set focus to column: "Fee" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

###### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_UNIT\_TYPE\_CATEGORY\_CHARGE  "Login Company Id"  , "Property Id"  , "Unit Type Category Id"  , "Seq"  , "Charge Type"  , "Charge Id"  , "Fee"  , "Description"  , "Fee Method"  , "Invoice Method"  , "DELETE"  , Login User Id |  |

###### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Unit Type Category Charges   EXEC RSP\_GS\_MAINTAIN\_UNIT\_TYPE\_CATEGORY\_CHARGE  "Login Company Id"  , "Property Id"  , "Unit Type Category Id"  , "Seq"  , "Charge Type"  , "Charge Id"  , "Fee"  , "Description"  , "Fee Method"  , "Invoice Method"  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

##### TAB – UTILITY

###### USER INTERFACE

**[CR01]**



###### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| On Value Change Unit Type Category, Load Charges List  EXEC RSP\_GS\_GET\_UNIT\_TYPE\_CTG\_UTILITY\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_ID, @Selected\_Unit\_Type\_Category\_Id, @CUSER\_LOGIN\_ID   * Display data [UNIT\_TYPE\_CTG\_LIST]:   + "Utility Type"     - Textbox     - Field = CUTILITY\_TYPE     - Display = CUTILITY\_TYPE\_DESCR     - Disabled   + "Active"     - Checkbox     - Field = LACTIVE     - Value = [0] Inactive / [1] Active     - Default = [0] Inactive   + "Updated By"     - Textbox     - Display = CUPDATE\_BY   + "Updated Date"     - Textbox     - Display = CUPDATE\_DATE   + "Created By"     - Textbox     - Display = CCREATE\_BY   + "Created Date"     - Textbox     - Display = CCREATE\_DATE |  |
| * Proses   + - * + "Edit"🡪 Go to MODIFY PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

###### EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Utility Type" * Set focus to column: "Active" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

###### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Unit Type Category Charges   EXEC RSP\_GS\_MAINTAIN\_UNIT\_TYPE\_CATEGORY\_UTILITY  "Login Company Id"  , "Property Id"  , "Unit Type Category Id"  , "Utility Type"  , "Active"  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

#### UNIT TYPE

##### USER INTERFACE

**[CR02]**





##### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Modify * Button Delete * Button Active/Inactive * Button Upload * Button Template   Download Template untuk kebutuhan upload process |  |

##### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Get Selected Unit Type Category:   + "Unit Type Category"     - Lookup     - Display = CUNIT\_TYPE\_CATEGORY\_ID, CUNIT\_TYPE\_CATEGORY\_NAME     - Value: **GSL00600 – UNIT TYPE CATEGORY LOOKUP**   With Parameter:  'Login CCOMPANY\_ID'  , 'Selected Property Id'  , 'Login User Id' |  |
| * Load Unit Type List [UNIT\_TYPE\_LIST]   EXEC RSP\_GS\_GET\_UNIT\_TYPE\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_ID,@Selected CUNIT\_TYPE\_CATEGORY\_ID, @CUSER\_LOGIN\_ID   * Display data [UNIT\_TYPE\_LIST]:   + "Unit Type"     - Textbox     - Display = CUNIT\_TYPE\_NAME     - NVARCHAR(100) |  |
| * Load Unit Type [UNIT\_TYPE\_DETAIL]   EXEC RSP\_GS\_GET\_UNIT\_TYPE\_DETAIL @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Unit\_Type\_Id, @CUSER\_LOGIN\_ID   * Display data [UNIT\_TYPE\_DETAIL]:   + "Unit Type"     - Textbox     - Display = CUNIT\_TYPE\_ID, CUNIT\_TYPE\_NAME     - VARCHAR(20), NVARCHAR(100)     - Mandatory   + "Description"     - Textbox     - Display = CDESCRIPTION     - VARCHAR(MAX)   + "Gross Area Size"     - Textbox     - Display = NGROSS\_AREA\_SIZE     - Numeric(8,2)     - Numeric Input Only     - Mandatory       * *"Sqm"*       * Label       * Value =   SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]  AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID   * + "Net Area Size"     - Textbox     - Display = NNET\_AREA\_SIZE     - Numeric(8,2)     - Numeric Input Only     - Mandatory       * *"Sqm"*       * Label       * Value =   SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]  AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID   * + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - Default Value = [0] Unchecked   + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Update Date"     - Textbox     - Display = CUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to MODIFY PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

##### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Disabled fields: "Last Update By", "Last Update Date" * Set focus to column: "Unit Type" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

##### EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Unit Type Id", "Last Update By", "Last Update Date" * Set focus to column: "Unit Type Name" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

##### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_UNIT\_TYPE  "Login Company Id"  , "Property Id"  , Selected "Unit Type Category" Id  , "Unit Type Id"  , "Unit Type Name"  , "Description"  , "Gross Area Size"  , "Net Area Size"  , "Active"  , "Unit Type Category Id"  , "DELETE"  , Login User Id |  |

##### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Unit Type   EXEC RSP\_GS\_MAINTAIN\_UNIT\_TYPE  "Login Company Id"  , "Property Id"  , Selected "Unit Type Category" Id  , "Unit Type Id"  , "Unit Type Name"  , "Description"  , "Gross Area Size"  , "Net Area Size"  , "Active"  ~~, "Unit Type Category Id"~~  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

##### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation: * Jalankan RSP\_ACTIVITY\_VALIDITY {Login Property ID}, 'GSM02502'   If no Error maka jalankan :  Baca result,  Munculkan Pop Up dengan  Label Reason = {Text Box Double byte max 100}  Button = OK / Cancel  Tampung Nilai di @DETAIL\_ACTION  If Result count = 1 and value = All, maka jalankan update  If Result Value <> 1 dan value <> = All maka buka GFF00900  @PROPERTY\_NO ={Login Property Id}  @ACTION\_CODE = 'BP00100'  @DATE = @ActiveDate  @REQUEST\_BY = {Login User Id}  @DETAIL\_ACTION = CPROPERTY\_ID + ‘|’ + hasil detail action  @USER\_LIST = Result SP  Setelah melalui process applikasi tersebut, Bila Sukses jalankan :  [RSP\_CREATE\_ACTIVITY\_APPROVAL\_LOG]  @P\_CPROPERTY\_ID = {Login Property Id}  @P\_CAPPROVAL\_CODE = 'GSM02502'  @P\_CREFERENCE\_NO = CPROPERTY\_ID  @P\_CREFERENCE\_INFO = CPROPERTY\_ID + ‘|’ + hasil detail action  @P\_DAPPROVAL\_DATE = @ActiveDate  @P\_CAPPROVAL\_USER\_ID = {Return User Id}  @P\_CACTIVITY\_USER\_ID = {Login user Id}  @P\_CREASON\_CODE = ''  @P\_CAPPROVAL\_NOTE = @ACTION\_DETAIL   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_UNIT\_TYPE  Login Company Id  , "Property Id"  , "Unit Type Id"  , Flag Active [True] / [False]  , Login User Id |  |

##### TEMPLATE PROCESS

###### ~~USER INTERFACE~~

**~~OUTPUT FILE:~~**

~~~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~UnitTypeCode~~   + ~~UnitTypeName~~   + ~~Description~~   + ~~Active~~   + ~~NonActiveDate~~   + ~~GrossAreaSize~~   + ~~NetAreaSize~~ |  |
| * ~~Create File Excel~~ |  |
| * ~~Tampilkan file directory untuk user melakukan save as~~ |  |
| * ~~Note:~~   + ~~Buat file browser untuk pilih lokasi download~~   + ~~Generate Excel File~~   + ~~Tentukan format file, contoh: UnitType + “ CPROPERTY\_ID”.xls”~~ |  |
| * Download Unit File from Server * Tampilkan file directory untuk user melakukan save as |  |

##### UPLOAD PROCESS

###### USER INTERFACE



###### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * “Open File Explorer” – Untuk membuka File Explorer yang digunakan untuk mencari source file MS-Excel yang akan di-import ke dalam table Database. * “**L**oad” – untuk menampilkan file MS-Excel yang dipilih ke dalam List Load Unit Type. * “**P**rocess” – Untuk melakukan proses import data – data yang ada di List Load Unit Type. * “**C**ancel” – Untuk keluar dari program Load Unit Type dan kembali ke program Property Profile. |  |

###### OUTPUT

|  |  |
| --- | --- |
|  | **Test** |
| * Data pada table master Unit Type. |  |

###### ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * Program ini dijalankan oleh operator yang mempunyai hak kewenangan menjalankan General System. |  |

###### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Form:   + Textbox “Property” (Read Only) isi dengan Selected Property Id + Selected Property Name.   + Kosongkan “Source File (Excel)” Textbox.   + Kosongkan List Load Unit Type (Read Only).   + Unchecked “Overwrite the existing records” Checkbox.   + Disabled semua button.   + Enabled button Open File Explorer.   + Enabled button Process & Cancel.   + Set Focus pada Textbox “Source File (Excel)”. |  |

###### BROWSE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Keluarkan windows File Explorer, filter hanya menampilkan file-file Ms-Excel saja. * Tunggu respon dari user yang memilih file Ms-Excel yang dikehendaki. |  |
| * Jika user sudah memilih pada windows File Explorer, lakukan:   + Isi Full path directory dan nama file berikut extension file ke dalam textbox “Source File (Excel)”.   + Jalankan Lost Focus textbox “Source File (Excel)”.     - Clear isi List Load Unit Type.   **[CR02]**   * + - ~~Jika textbox kosong disabled tombol “Load”.~~     - ~~Jika textbox berisi enabled tombol “Load”.~~     - ~~Set Focus ke tombol “Load”.~~ |  |
| **[CR02]**   * Validasi extension File harus “xlsx”. Jika tidak tampilkan pesan “File Type must Microsoft Excel .xlsx”, Ok. * Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok. |  |
| **[CR02]**   * Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNIT\_TYPE   + EXEC RSP\_GS\_VALIDATE\_UPLOAD\_PROPERTY\_UNIT\_TYPE     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]     - @Var\_Overwrite = Flag Overwrite |  |
| * Baca Database untuk Get data master Unit Type   SELECT \* FROM GSM\_PROPERTY\_UNIT\_TYPE (NOLCOK)  WHERE  CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id   * Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT\_TYPE match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0 |  |

###### FILE FORMAT



###### ~~LOAD PROCESS~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| * ~~Disabled “Source File (Excel)” textbox, tombol “Open File Explorer”, tombol “Process”, tombol “Cancel”.~~ |  |
| * ~~Tampilkan tanda “Process Loading…” – Modal Windows.~~ |  |
| * ~~Validasi extension File harus “xls”. Jika tidak tampilkan pesan “File Type must Microsoft Excel”, Ok.~~ * ~~Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok.~~ |  |
| * ~~If error not found~~   + ~~Get Data dari File Excel~~   + ~~Validasi isi Data List Load Unit Type dari File Excel~~     - ~~Jika “Unit Type Code” kosong tampilkan pesan “Unit Type Code can not be empty”, Ok~~     - ~~Jika “Unit Type Name” kosong tampilkan pesan “Unit Type Name can not be empty”, Ok~~     - ~~Jika “Active” kosong tampilkan pesan “Active Flag can not be empty”, Ok~~     - ~~Jika “Active” flag = 0, “Non Active Date” kosong tampilkan pesan “If Active Flag = 0, Non Active Date can not be empty”, Ok~~     - ~~Jika “Unit Type Code” melebihi Varchar(20) tampilkan pesan “Maximum Character Unit Type Code is 20”, Ok~~     - ~~Jika “Unit Type Name” melebihi Nvarchar(40) tampilkan pesan “Maximum Character Unit Type Name is 100”, Ok~~     - ~~Jika “Active” bukan “1” atau “0“ tampilkan pesan “Active Flag is not valid [1/0]”, Ok~~     - ~~Jika “Gross Area Size” bukan numeric tampilkan pesan “Please input Gross Area Size in numeric only”, Ok~~     - ~~Jika “Net Area Size” bukan numeric tampilkan pesan “Please input Net Area Size in numeric only”, Ok~~     - ~~Jika Error Not Found~~       * ~~Baca Database untuk Get data master Unit Type~~   ~~SELECT \* FROM GSM\_PROPERTY\_UNIT\_TYPE (NOLCOK)~~  ~~WHERE~~  ~~CCOMPANY\_ID = Login Company Id~~  ~~AND CPROPERTY\_ID = Selected Property Id~~   * + - * ~~Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT\_TYPE match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0~~ |  |
| * ~~Jalankan “~~**~~DISPLAY PROCESS~~**~~”~~ |  |

###### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan data List of Load Unit Type   + Definisi Fields:     - “Selected”       * Checkbox       * Var\_Selected     - “Unit Type Code”       * Textbox     - “Unit Type Name”       * Textbox     - “Description”       * Textbox     - “Active” = Checkbox     - “Non Acitve Date” = Textbox     - “Gross Area Size”       * Textbox     - “Net Area Size”       * Textbox     - Hidden(Var\_Exists)     - Hidden(Var\_Overwrite)   + Font Beri Warna Merah jika Var\_Exists = 1   + Read Only List of Load Unit Type   + Enabled Column “Selected”   + Column “Selected”.InteractiveChange()     - Update satu current record Var\_Selected = Iif(Chekbox.”Selected”.Checked, 1, 0) |  |
| * Jika List of Load Unit Type ada isinya   + Checked “Overwrite the existing records” Checkbox     - Jika Checkbox “Overwrite the existing” berubah nilai, Update semua record Var\_Overwrite = Iif(Checkbox.”Overwrite the existing”.Checked, 1, 0)   + Enabled Process button, Cancel button |  |

###### PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Check apakah Unit Type sudah di gunakan / belum   IF EXISTS(SELECT TOP 1 1 FROM GSM\_PROPERTY\_UNIT\_TYPE\_IMAGE (NOLOCK)  WHERE CCOMPANY\_ID = @CCOMPANY\_ID  AND CPROPERTY\_ID = @CPROPERTY\_ID  AND CUNIT\_TYPE\_ID = @CUNIT\_TYPE\_ID  )  OR EXISTS(SELECT TOP 1 1 FROM GSM\_PROPERTY\_UNIT (NOLOCK)  WHERE CCOMPANY\_ID = @CCOMPANY\_ID  AND CPROPERTY\_ID = @CPROPERTY\_ID  AND CUNIT\_TYPE\_ID = @CUNIT\_TYPE\_ID  )   * + Jika sudah di gunakan, tampilkan message “Cannot Load Unit Type, existing Unit Type already in use”, Ok * Tampilkan pesan konfirmasi “Are you sure want to import data?” dengan tombol “Yes” dan “No” * Jika “Yes”   Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNITTYPE  CREATE TABLE #UNIT\_TYPE(NO INT  , UnitTypeCode VARCHAR(20)  , UnitTypeName NVARCHAR(100)  , Description NVARCHAR(MAX)  , Active BIT  , NonActiveDate VARCHAR(8)  , GrossAreaSize NUMERIC(5,2)  , NetAreaSize NUMERIC(5,2)  )  INSERT “List of DTO” INTO #UNITTYPE   * + EXEC RSP\_GS\_UPLOAD\_PROPERTY\_UNIT\_TYPE     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]     - @Var\_Overwrite = Flag Overwrite |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |

##### CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Property Profile |  |

#### IMAGE

##### USER INTERFACE



##### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Delete * Button Show |  |

##### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Get Selected Unit Type:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY\_UNIT\_TYPE (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID'  AND CPROPERTY\_ID = 'Selected Property Id'  AND CUNIT\_TYPE\_ID = 'Selected Unit Type Id'   * Display data :   + "Unit Type"     - Textbox     - Display = CUNIT\_TYPE\_NAME     - NVARCHAR(100) |  |
| * Load Unit Type Image List [UNIT\_TYPE\_IMAGE]   EXEC RSP\_GS\_GET\_UNIT\_TYPE\_IMAGE\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Unit\_Type\_Id, @CUSER\_LOGIN\_ID   * Display data [UNIT\_TYPE\_IMAGE]:   + "Image Id"     - Textbox     - Display = CIMAGE\_ID     - VARCHAR(20)     - Mandatory   + "Image Name"     - Textbox     - Display = CIMAGE\_NAME     - NVARCHAR(100)   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

##### ADD NEW PROCESS





|  |  |
| --- | --- |
|  | **Test** |
| * Keluarkan windows File Explorer, filter hanya menampilkan file-file image saja.   Jika sudah pilih file yg diinginkan, popup form Add New untuk mengisi Image Id dan Image Name   * Set focus to column: "Image\*" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

##### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_UNIT\_TYPE\_IMAGE  "Login Company Id"  , "Property Id"  , "Image Id"  , "Image Name"  , "Image"  , "DELETE"  , Login User Id |  |

##### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Unit Type Image   EXEC RSP\_GS\_MAINTAIN\_UNIT\_TYPE\_IMAGE  "Login Company Id"  , "Property Id"  , "Image Id"  , "Image Name"  , "Image"  , CACTION (ADD/EDIT)  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

### TAB – UNIT VIEW

#### USER INTERFACE



#### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Modify * Button Delete * Button Active/Inactive |  |

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Unit View List [UNIT\_VIEW\_LIST]   EXEC RSP\_GS\_GET\_UNIT\_VIEW\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @CUSER\_LOGIN\_ID   * Display data [UNIT\_VIEW\_LIST]:   + "View Id"     - Textbox     - Display = CUNIT\_VIEW\_ID     - VARCHAR(20)     - Mandatory   + "View Name"     - Textbox     - Display = CUNIT\_VIEW\_NAME     - NVARCHAR(100)   + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Updated Date"     - Textbox     - Display = CUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to MODIFY PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

#### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Disabled fields: "Last Update By", "Last Update Date" * Set focus to column: "View Id" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

#### EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "View Id", "Last Update By", "Last Update Date" * Set focus to column: "View Name" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

#### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_UNIT\_VIEW  "Login Company Id"  , "Property Id"  , "View Id"  , "View Name"  , "DELETE"  , Login User Id |  |

#### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Unit View   EXEC RSP\_GS\_MAINTAIN\_UNIT\_VIEW  "Login Company Id"  , "Property Id"  , "View Id"  , "View Name"  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

## TAB – UNIT PROMOTION

### UNIT PROMOTION TYPE

#### USER INTERFACE

**[CR02]**





#### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Modify * Button Delete * Button Active/Inactive * Button Upload |  |

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Unit Promotion Type [UNIT\_PROMOTION\_TYPE\_LIST]   SELECT CUNIT\_PROMOTION\_TYPE\_NAME + ' (' + CUNIT\_PROMOTION\_TYPE\_ID + ')'  FROM GSM\_PROPERTY\_UNIT\_PROMOTION\_TYPE (NOLOCK)  WHERE CCOMPANY\_ID = [Login Company Id]  AND CPROPERTY\_ID = [Selected Property Id]   * Display data [UNIT\_PROMOTION\_TYPE\_LIST]:   + "Unit Promotion Type"     - Textbox     - Display = CUNIT\_PROMOTION\_TYPE\_NAME + ' (' + CUNIT\_PROMOTION\_TYPE\_ID + ')'     - VARCHAR(100) * Load Selected Unit Promotion Type [UNIT\_PROMOTION\_TYPE]   EXEC RSP\_GS\_GET\_UNIT\_PROMOTION\_TYPE @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Unit\_Promotion\_Type\_Id, @CUSER\_LOGIN\_ID   * Display data [UNIT\_PROMOTION\_TYPE]:   + "Unit Promotion Type"     - Textbox     - Display = CUNIT\_PROMOTION\_TYPE\_ID, CUNIT\_PROMOTION\_TYPE\_NAME     - VARCHAR(20), NVARCHAR(100)   + "Description"     - Textbox     - Display = CDESCRIPTION     - NVARCHAR(MAX)   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [0] Uncheck / [1] Checked     - Default Value = Checked   **Default Size**   * + "Gross Area Size"     - Textbox     - Display = NGROSS\_AREA\_SIZE     - Numeric(5,2)     - Numeric Input Only       * *"Sqm"*       * Label       * Value =   SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]  AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID   * + "Net Area Size"     - Textbox     - Display = NNET\_AREA\_SIZE     - Numeric(5,2)     - Numeric Input Only       * *"Sqm"*       * Label       * Value =   SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]  AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID   * + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Update Date"     - Textbox     - Display = CUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |

#### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Disabled fields: "Last Update By", "Last Update Date" * Set focus to column: "Unit Type Promotion " Id |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

#### EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Unit Promotion Type" Id, "Active" Flag, "Last Update By", "Last Update Date" * Set focus to column: "Unit Promotion Type" Name |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

#### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_UNIT\_PROMOTION\_TYPE  "Login Company Id"  , "Property Id"  , "Unit Promotion Type" Id  , "Unit Promotion Type" Name  , "Description"  , "Active"  , "Gross Area Size"  , "Net Area Size"  , "DELETE"  , Login User Id |  |

#### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Unit Promotion Type   EXEC RSP\_GS\_MAINTAIN\_UNIT\_PROMOTION\_TYPE  "Login Company Id"  , "Property Id"  , "Unit Promotion Type" Id  , "Unit Promotion Type" Name  , "Description"  , "Active"  , "Gross Area Size"  , "Net Area Size"  , CACTION "ADD" / "EDIT"  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

#### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation: * Jalankan RSP\_ACTIVITY\_VALIDITY {Login Company ID}, 'GSM02505'   If no Error maka jalankan :  Baca result,  Munculkan Pop Up dengan  Label Reason = {Text Box Double byte max 100}  Button = OK / Cancel  Tampung Nilai di @DETAIL\_ACTION  If Result count = 1 and value = All, maka jalankan update  If Result Value <> 1 dan value <> = All maka buka GFF00900  @PROPERTY\_NO ={Login Property Id}  @ACTION\_CODE = 'GSM02505'  @DATE = @ActiveDate  @REQUEST\_BY = {Login User Id}  @DETAIL\_ACTION = CCOMPANY\_ID + ‘|’ + hasil detail action  @USER\_LIST = Result SP  Setelah melalui process applikasi tersebut, Bila Sukses jalankan :  [RSP\_CREATE\_ACTIVITY\_APPROVAL\_LOG]  @P\_CCOMPANY\_ID = {Login Company Id}  @P\_CAPPROVAL\_CODE = 'GSM02505'  @P\_CREFERENCE\_NO = CCOMPANY\_ID  @P\_CREFERENCE\_INFO = CCOMPANY\_ID + ‘|’ + hasil detail action  @P\_DAPPROVAL\_DATE = @ActiveDate  @P\_CAPPROVAL\_USER\_ID = {Return User Id}  @P\_CACTIVITY\_USER\_ID = {Login user Id}  @P\_CREASON\_CODE = ''  @P\_CAPPROVAL\_NOTE = @ACTION\_DETAIL   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_UNIT\_PROMOTION\_TYPE  Login Company Id  , "Property Id"  , "Unit Promotion Type Id"  , Flag Active [True] / [False]  , Login User Id |  |

#### TEMPLATE PROCESS

##### ~~USER INTERFACE~~

**~~OUTPUT FILE:~~**

~~~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~UnitPromotionTypeCode~~   + ~~UnitPromotionTypeName~~   + ~~GrossAreaSize~~   + ~~NetAreaSize~~   + ~~CommonArea~~   + ~~Active~~   + ~~NonActiveDate~~ |  |
| * ~~Create File Excel~~ |  |
| * ~~Tampilkan file directory untuk user melakukan save as~~ |  |
| * ~~Note:~~   + ~~Buat file browser untuk pilih lokasi download~~   + ~~Generate Excel File~~   + ~~Tentukan format file, contoh: Unit Promotion Type + “CPROPERTY\_ID”.xls”~~ |  |
| * Download Unit File from Server * Tampilkan file directory untuk user melakukan save as |  |

#### UPLOAD PROCESS



##### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * “Open File Explorer” – Untuk membuka File Explorer yang digunakan untuk mencari source file MS-Excel yang akan di-import ke dalam table Database. * “**L**oad” – untuk menampilkan file MS-Excel yang dipilih ke dalam List Load Unit Promotion Type. * “**P**rocess” – Untuk melakukan proses import data – data yang ada di List Load Unit Promotion Type. * “**C**ancel” – Untuk keluar dari program Load Unit Promotion Type dan kembali ke program Property Profile. |  |

##### OUTPUT

|  |  |
| --- | --- |
|  | **Test** |
| * Data pada table master Unit Promotion Type. |  |

##### ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * Program ini dijalankan oleh operator yang mempunyai hak kewenangan menjalankan General System. |  |

##### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Form:   + Textbox “Property” (Read Only) isi dengan Selected Property Id + Selected Property Name.   + Kosongkan “Source File (Excel)” Textbox.   + Kosongkan List Load Unit (Read Only).   + Unchecked “Overwrite the existing records” Checkbox.   + Disabled semua button.   + Enabled button Open File Explorer.   + Enabled button Process & Cancel.   + Set Focus pada Textbox “Source File (Excel)”. |  |

##### BROWSE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Keluarkan windows File Explorer, filter hanya menampilkan file-file Ms-Excel saja. * Tunggu respon dari user yang memilih file Ms-Excel yang dikehendaki. |  |
| * Jika user sudah memilih pada windows File Explorer, lakukan:   + Isi Full path directory dan nama file berikut extension file ke dalam textbox “Source File (Excel)”.   + Jalankan Lost Focus textbox “Source File (Excel)”.     - Clear isi List Load Unit Promotion.   **[CR02]**   * + - ~~Jika textbox kosong disabled tombol “Load”.~~     - ~~Jika textbox berisi enabled tombol “Load”.~~     - ~~Set Focus ke tombol “Load”.~~ |  |
| **[CR02]**   * Validasi extension File harus “xlsx”. Jika tidak tampilkan pesan “File Type must Microsoft Excel .xlsx”, Ok. * Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok. |  |
| **[CR02]**   * Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNIT\_PROMOTION\_TYPE   + EXEC RSP\_GS\_VALIDATE\_UPLOAD\_UNIT\_PROMOTION\_TYPE     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID] |  |
| **[CR02]**   * Baca Database untuk Get data master Unit Promotion Type   SELECT \* FROM GSM\_PROPERTY\_UNIT\_PROMOTION\_TYPE (NOLCOK)  WHERE  CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id   * Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0 |  |

##### ~~LOAD PROCESS~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| * ~~Disabled “Source File (Excel)” textbox, tombol “Open File Explorer”, tombol “Process”, tombol “Cancel”.~~ |  |
| * ~~Tampilkan tanda “Process Loading…” – Modal Windows.~~ |  |
| * ~~Validasi extension File harus “xls”. Jika tidak tampilkan pesan “File Type must Microsoft Excel”, Ok.~~ * ~~Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok.~~ |  |
| * ~~If error not found~~   + ~~Get Data dari File Excel~~   + ~~Validasi isi Data List Load Unit Promotion Type dari File Excel~~     - ~~Jika “GrossAreaSize” bukan numeric, tampilkan pesan “Gross Area Size only valid for numeric input”, Ok~~     - ~~Jika “NetAreaSize” bukan numeric, tampilkan pesan “Net Area Size only valid for numeric input”, Ok~~     - ~~Jika Error Not Found~~       * ~~Baca Database untuk Get data master Unit Promotion Type~~   ~~SELECT \* FROM GSM\_PROPERTY\_UNIT\_PROMOTION\_TYPE (NOLCOK)~~  ~~WHERE~~  ~~CCOMPANY\_ID = Login Company Id~~  ~~AND CPROPERTY\_ID = Selected Property Id~~   * + - * ~~Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0~~ |  |
| * ~~Jalankan “~~**~~DISPLAY PROCESS~~**~~”~~ |  |

##### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan data List of Load Unit Promotion Type   + Definisi Fields:     - “Selected”       * Checkbox       * Var\_Selected     - “UnitPromotionTypeId”       * Textbox     - “UnitPromotionTypeName”       * Textbox     - “GrossAreaSize”       * Textbox     - “NetAreaSize”       * Textbox     - “Active” = Checkbox     - “Non Active Date” = Textbox     - Hidden(Var\_Exists)     - Hidden(Var\_Overwrite)   + Font Beri Warna Merah jika Var\_Exists = 1   + Read Only List of Load Unit Promotion Type   + Enabled Column “Selected”   + Column “Selected”.InteractiveChange()     - Update satu current record Var\_Selected = Iif(Chekbox.”Selected”.Checked, 1, 0) |  |
| * Jika List of Load Unit Promotion Type ada isinya   + Checked “Overwrite the existing records” Checkbox     - Jika Checkbox “Overwrite the existing” berubah nilai, Update semua record Var\_Overwrite = Iif(Checkbox.”Overwrite the existing”.Checked, 1, 0)   + Enabled Process button, Cancel button |  |

##### PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan pesan konfirmasi “Are you sure want to import data?” dengan tombol “Yes” dan “No” * Jika “Yes”   Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNIT\_PROMOTION\_TYPE  CREATE TABLE #UNIT\_PROMOTION\_TYPE(NO INT  , UnitPromotionTypeCode VARCHAR(20)  , UnitPromotionTypeName NVARCHAR(100)  , GrossAreaSize NUMERIC(5,2)  , NetAreaSize NUMERIC(5,2)  , CommonArea NUMERIC(5,2)  , Active BIT  , NonActiveDate VARCHAR(8)  )  INSERT “List of DTO” INTO #UNIT\_PROMOTION\_TYPE   * + EXEC RSP\_GS\_UPLOAD\_UNIT\_PROMOTION\_TYPE     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]     - @Var\_Overwrite = Flag Overwrite   Jika terdapat error data, tampilkan kedalam pop-up Grid seperti contoh dibawah |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |



##### CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Property Profile |  |

### UNIT PROMOTION

#### USER INTERFACE

[**CR02]**





#### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Modify * Button Delete * Button Active/Inactive * Button Upload |  |

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Unit Promotion List [UNIT\_PROMOTION\_LIST]   EXEC RSP\_GS\_GET\_UNIT\_PROMOTION\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @CUSER\_LOGIN\_ID   * Display data [UNIT\_PROMOTION\_LIST]:   + "Unit Promotion Id"     - Textbox     - Display = CUNIT\_PROMOTION\_ID     - VARCHAR(20)   + "Unit Promotion Name"     - Textbox     - Display = CUNIT\_PROMOTION\_NAME     - VARCHAR(100)   + "Unit Promotion Type"     - Textbox     - Display = CUNIT\_PROMOTION\_TYPE\_NAME     - VARCHAR(100)   + "Building"     - Textbox     - Display = CBUILDING\_NAME     - VARCHAR(100)   + "Floor"     - Textbox     - Display = CFLOOR\_NAME     - VARCHAR(100)   + "Location"     - Textbox     - Display = CLOCATION\_NAME     - VARCHAR(100)   + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Update Date"     - Textbox     - Display = CUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Load Selected Unit Promotion [UNIT\_PROMOTION\_DT]   EXEC RSP\_GS\_GET\_UNIT\_PROMOTION\_DT @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Unit\_Promotion\_Id, @CUSER\_LOGIN\_ID   * Display data [UNIT\_PROMOTION\_TYPE]:   + "Unit Promotion"     - Textbox     - Display = CUNIT\_PROMOTION\_ID, CUNIT\_PROMOTION\_NAME     - VARCHAR(20), NVARCHAR(100)   + "Description"     - Textbox     - Display = CDESCRIPTION     - NVARCHAR(MAX)   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [0] Uncheck / [1] Checked     - Default Value = Checked   + "Unit Promotion Type"     - Combobox     - Display = CUNIT\_PROMOTION\_TYPE\_NAME     - VARCHAR(20)     - VALUE =   SELECT CUNIT\_PROMOTION\_TYPE\_ID, CUNIT\_PROMOTION\_TYPE\_NAME  FROM GSM\_PROPERTY\_UNIT\_PROMOTION\_TYPE (NOLOCK)  WHERE CCOMPANY\_ID = 'Login Company Id'  AND CPROPERTY\_ID = 'Selected Property Id'  AND LACTIVE = 1   * + "Building"     - Combobox     - Display = CBUILDING\_NAME     - VARCHAR(20)     - VALUE =   SELECT CBUILDING\_ID, CBUILDING\_NAME FROM GSM\_PROPERTY\_BUILDING (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'   * + "Floor"     - Combobox     - Display = CFLOOR\_NAME     - VARCHAR(20)     - VALUE =   SELECT CFLOOR\_ID, CFLOOR\_NAME FROM GSM\_PROPERTY\_FLOOR (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  AND CBUILDING\_ID = 'Selected Building Id'   * + "Location\*"     - Textbox     - Display = CLOCATION     - Mandatory Field     - VARCHAR(20)   + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Update Date"     - Textbox     - Display = CUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |

#### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Disabled fields: "Last Update By", "Last Update Date" * Set focus to column: "Unit Type Promotion " Id |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

#### EDIT PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Unit Promotion" Id, "Active" Flag, "Last Update By", "Last Update Date" * Set focus to column: "Unit Promotion" Name |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

#### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_UNIT\_PROMOTION  "Login Company Id"  , "Property Id"  , "Building"  , "Floor"  , "Unit Promotion" Id  , "Unit Promotion" Name  , "Active"  , "Description"  , "Unit Promotion Type"  , "Location\*"  , "DELETE"  , Login User Id |  |

#### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Unit Promotion   EXEC RSP\_GS\_MAINTAIN\_UNIT\_PROMOTION  "Login Company Id"  , "Property Id"  , "Building"  , "Floor"  , "Unit Promotion" Id  , "Unit Promotion" Name  , "Active"  , "Description"  , "Unit Promotion Type"  , "Location\*"  , CACTION "ADD" / "EDIT"  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

#### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation: * Jalankan RSP\_ACTIVITY\_VALIDITY {Login Company ID}, 'GSM02506'   If no Error maka jalankan :  Baca result,  Munculkan Pop Up dengan  Label Reason = {Text Box Double byte max 100}  Button = OK / Cancel  Tampung Nilai di @DETAIL\_ACTION  If Result count = 1 and value = All, maka jalankan update  If Result Value <> 1 dan value <> = All maka buka GFF00900  @PROPERTY\_NO ={Login Property Id}  @ACTION\_CODE = 'GSM02506'  @DATE = @ActiveDate  @REQUEST\_BY = {Login User Id}  @DETAIL\_ACTION = CCOMPANY\_ID + ‘|’ + hasil detail action  @USER\_LIST = Result SP  Setelah melalui process applikasi tersebut, Bila Sukses jalankan :  [RSP\_CREATE\_ACTIVITY\_APPROVAL\_LOG]  @P\_CCOMPANY\_ID = {Login Company Id}  @P\_CAPPROVAL\_CODE = 'GSM02506'  @P\_CREFERENCE\_NO = CCOMPANY\_ID  @P\_CREFERENCE\_INFO = CCOMPANY\_ID + ‘|’ + hasil detail action  @P\_DAPPROVAL\_DATE = @ActiveDate  @P\_CAPPROVAL\_USER\_ID = {Return User Id}  @P\_CACTIVITY\_USER\_ID = {Login user Id}  @P\_CREASON\_CODE = ''  @P\_CAPPROVAL\_NOTE = @ACTION\_DETAIL   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_UNIT\_PROMOTION  Login Company Id  , "Property Id"  , "Unit Promotion Id"  , Flag Active [True] / [False]  , Login User Id |  |

#### TEMPLATE PROCESS

##### ~~USER INTERFACE~~

**~~OUTPUT FILE:~~**

~~~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~UnitPromotionId~~   + ~~UnitPromotionName~~   + ~~UnitPromotionType~~   + ~~Building~~   + ~~Floor~~   + ~~Location~~   + ~~Active~~   + ~~NonActiveDate~~ |  |
| * ~~Create File Excel~~ |  |
| * ~~Tampilkan file directory untuk user melakukan save as~~ |  |
| * ~~Note:~~   + ~~Buat file browser untuk pilih lokasi download~~   + ~~Generate Excel File~~   + ~~Tentukan format file, contoh: Unit Promotion + “CPROPERTY\_ID”.xls”~~ |  |
| * Download Unit Promotion File from Server * Tampilkan file directory untuk user melakukan save as |  |

#### UPLOAD PROCESS



##### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * “Open File Explorer” – Untuk membuka File Explorer yang digunakan untuk mencari source file MS-Excel yang akan di-import ke dalam table Database. * “**L**oad” – untuk menampilkan file MS-Excel yang dipilih ke dalam List Load Unit Promotion. * “**P**rocess” – Untuk melakukan proses import data – data yang ada di List Load Unit Promotion. * “**C**ancel” – Untuk keluar dari program Load Unit Promotion dan kembali ke program Property Profile. |  |

##### OUTPUT

|  |  |
| --- | --- |
|  | **Test** |
| * Data pada table master Unit Promotion. |  |

##### ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * Program ini dijalankan oleh operator yang mempunyai hak kewenangan menjalankan General System. |  |

##### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Form:   + Textbox “Property” (Read Only) isi dengan Selected Property Id + Selected Property Name.   + Kosongkan “Source File (Excel)” Textbox.   + Kosongkan List Load Unit (Read Only).   + Unchecked “Overwrite the existing records” Checkbox.   + Disabled semua button.   + Enabled button Open File Explorer.   + Enabled button Process & Cancel.   + Set Focus pada Textbox “Source File (Excel)”. |  |

##### BROWSE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Keluarkan windows File Explorer, filter hanya menampilkan file-file Ms-Excel saja. * Tunggu respon dari user yang memilih file Ms-Excel yang dikehendaki. |  |
| * Jika user sudah memilih pada windows File Explorer, lakukan:   + Isi Full path directory dan nama file berikut extension file ke dalam textbox “Source File (Excel)”.   + Jalankan Lost Focus textbox “Source File (Excel)”.     - Clear isi List Load Unit Promotion.   **[CR02]**   * + - ~~Jika textbox kosong disabled tombol “Load”.~~     - ~~Jika textbox berisi enabled tombol “Load”.~~     - ~~Set Focus ke tombol “Load”.~~ |  |
| **[CR02]**   * Validasi extension File harus “xlsx”. Jika tidak tampilkan pesan “File Type must Microsoft Excel .xlsx”, Ok. * Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok. |  |
| **[CR02]**   * Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNIT\_PROMOTION   + EXEC RSP\_GS\_VALIDATE\_UPLOAD\_UNIT\_PROMOTION     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID] |  |
| **[CR02]**   * Baca Database untuk Get data master Unit Promotion   SELECT \* FROM GSM\_PROPERTY\_UNIT\_PROMOTION (NOLCOK)  WHERE  CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id   * Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0 |  |

##### ~~LOAD PROCESS~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| * ~~Disabled “Source File (Excel)” textbox, tombol “Open File Explorer”, tombol “Process”, tombol “Cancel”.~~ |  |
| * ~~Tampilkan tanda “Process Loading…” – Modal Windows.~~ |  |
| * ~~Validasi extension File harus “xls”. Jika tidak tampilkan pesan “File Type must Microsoft Excel”, Ok.~~ * ~~Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok.~~ |  |
| * ~~If error not found~~   + ~~Get Data dari File Excel~~   + ~~Baca Database untuk Get data master Unit Promotion~~   ~~SELECT \* FROM GSM\_PROPERTY\_UNIT\_PROMOTION (NOLCOK)~~  ~~WHERE~~  ~~CCOMPANY\_ID = Login Company Id~~  ~~AND CPROPERTY\_ID = Selected Property Id~~   * + ~~Bandingkan semua records jika Isi data dari file MS-Excel dengan data dari Database GSM\_PROPERTY\_UNIT match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0~~ |  |
| * ~~Jalankan “~~**~~DISPLAY PROCESS~~**~~”~~ |  |

##### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan data List of Load Unit Promotion   + Definisi Fields:     - “Selected”       * Checkbox       * Var\_Selected     - “UnitPromotionId”       * Textbox     - “UnitPromotionName”       * Textbox     - “UnitPromotionType”       * Textbox     - “Building”       * Textbox     - “Floor”       * Textbox     - “Location”       * Textbox     - “Active” = Checkbox     - “Non Active Date” = Textbox     - Hidden(Var\_Exists)     - Hidden(Var\_Overwrite)   + Font Beri Warna Merah jika Var\_Exists = 1   + Read Only List of Load Unit Promotion   + Enabled Column “Selected”   + Column “Selected”.InteractiveChange()     - Update satu current record Var\_Selected = Iif(Chekbox.”Selected”.Checked, 1, 0) |  |
| * Jika List of Load Unit Promotion ada isinya   + Checked “Overwrite the existing records” Checkbox     - Jika Checkbox “Overwrite the existing” berubah nilai, Update semua record Var\_Overwrite = Iif(Checkbox.”Overwrite the existing”.Checked, 1, 0)   + Enabled Process button, Cancel button |  |

##### PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan pesan konfirmasi “Are you sure want to import data?” dengan tombol “Yes” dan “No” * Jika “Yes”   Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #UNITPROMOTION  CREATE TABLE #UNIT\_PROMOTION(NO INT  , UnitPromotionId VARCHAR(20)  , UnitPromotionName NVARCHAR(100)  , UnitPromotionType VARCHAR(20)  , Building VARCHAR(20)  , Floor VARCHAR(20)  , Location VARCHAR(20)  , Active BIT  , NonActiveDate VARCHAR(8)  )  INSERT “List of DTO” INTO #UNIT\_PROMOTION   * + EXEC RSP\_GS\_UPLOAD\_BUILDING\_UNIT\_PROMOTION\_TYPE     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]     - @Var\_Overwrite = Flag Overwrite   Jika terdapat error data, tampilkan kedalam pop-up Grid seperti contoh dibawah |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |



|  |  |
| --- | --- |
|  | **Test** |
| Generate Template Process (Create excel file)   * Atur data yang akan didownload dengan detail sebagai berikut:   + UnitPromotionId   + UnitPromotionName   + UnitPromotionType   + Building   + Floor   + Location   + Active   + NonActiveDate   + Notes |  |
| * Create File Excel |  |
| * Tampilkan file directory untuk user melakukan save as |  |
| * Note:   + Buat file browser untuk pilih lokasi download   + Generate Excel File   + Tentukan format file, contoh: Unit Promotion + “CPROPERTY\_ID”.xls” |  |

##### CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Property Profile |  |

## TAB – USER

### USER INTERFACE

**[CR02]**





### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)  WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID  EXEC RSP\_GS\_GET\_PROPERTY\_USER\_LIST @CCOMPANY\_ID, @CPROPERTY\_ID   * Display data [PROPERTY\_USER\_LIST]:   + "User Id"     - Combobox     - Display = CUSER\_ID     - VARCHAR(8)     - Mandatory     - Value =   SELECT CUSER\_ID, CUSER\_NAME FROM SAM\_USER A (NOLOCK)  WHERE A.CCOMPANY\_ID = [Login Company Id]  AND NOT EXISTS(SELECT TOP 1 1 FROM  GSM\_PROPERTY\_USER B (NOLOCK)  WHERE B.CCOMPANY\_ID = Login Company Id  AND B.CPROPERTY\_ID = B.CPROPERTY\_ID  AND B.CUSER\_ID = A.CUSER\_ID)   * + "User Name"     - Textbox     - Display = CUSER\_NAME     - NVARCHAR(80)   + "User Level"     - Textbox     - Display = IUSER\_LEVEL     - Numbering input only   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Go to DISPLAY PROCESS |  |

### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: "User Id" * Disabled fields: "User Name", "Last Update By", "Last Update Date" * Set focus to column: "User Id " |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_PROPERTY\_USER  Login "Company Id"  , "Property Id"  , "User Id"  , "User Level"  , "DELETE"  , Login User Id |  |

### SAVE AND VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_PROPERTY\_USER  Login "Company Id"  , "Property Id"  , "User Id"  , "User Level"  , "ADD"  , Login User Id |  |

## ERROR CODE / WARNING MESSAGE DEFINITION

|  |  |
| --- | --- |
| **Error Code / Warning Message** | **Error Message** |
|  |  |
|  |  |
|  |  |

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| **CR01**  **RE, 6 June 2023** | * Tab Unit Type Category   Menambahkan Property Type   * + Sub Tab – Charges   + Sub Tab – Utility * Tab – Unit – Utilities   Filter Utility Type berdasarkan Unit Type Category |  |
| **CR02**  **RE, 6 July 2023** | * Perubahan UX, tidak langsung muncul semua UX, bertahap dan ada button untuk memunculkan UX. * Penambahan file untuk download Template |  |
|  |  |  |