## 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\_OTHER\_UNIT\_TYPE * GSM\_PROPERTY\_OTHER\_UNIT * 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     - **[CR06]** Default Value = ~~[0] Unchecked~~ [1] Checked   + "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: "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** |
| **[CR06]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02501'  IF Success, jalankan Save Property Process, IF Failed, stay on Add/Edit Process  **[CR06/]**   * 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** |
| * Jalankan GFF00900 – Activity Approval dengan parameter:   CACTION\_CODE = ' GSM02501' |  |
| * 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:   **[CR05]**  ~~SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**  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     - **[CR06]** Default Value = ~~[0] Unchecked~~ [1] Checked   + "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** |
| **[CR06]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02502'  IF Success, jalankan Save Building Process, IF Failed, stay on Add/Edit Process   * 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** |
| * Jalankan GFF00900 – Activity Approval dengan parameter:   CACTION\_CODE = ' GSM02502'   * 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

**[CR13]**



**[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:   **[CR05]**  ~~SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Selected Building   **[CR05]**  ~~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'~~  EXEC RSP\_GS\_GET\_BUILDING\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id', 'Selected Building Id'  **[CR05/]**   * 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 =   **[CR05]**  ~~SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]~~  ~~AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID~~  Set UOM = CUOM From  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**   * + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - **[CR06]** Default Value = ~~[0] Unchecked~~ [1] Checked   **[CR13]**   * + "Occupiable Area"     - Textbox     - Display = NOCCUPIABLE\_AREA\_SIZE     - Numeric Input Only       * *"Sqm"* (Gross)       * Label       * Value =   Set UOM = CUOM From  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'   * + "Common Area"     - Textbox     - Display = NTOTAL\_OCCUPIABLE     - Disabled   **[CR13/]**  "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 =   **[CR05]**  ~~SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]~~  ~~AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID~~  Set UOM = CUOM From  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**   * + "Empty Space Space"     - Textbox     - Display = NTOTAL\_EMPTY\_SPACE     - Disabled       * *"Sqm"* (Gross)       * Label       * Value =   **[CR05]**  ~~SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]~~  ~~AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID~~  Set UOM = CUOM From  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**   * + "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"  **[CR08]** , "Total Floor Space"  **[CR13]** , "Occupiable Area"  , "DELETE"  , Login User Id |  |

###### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR06]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02503'  IF Success, jalankan Save Building Floor Process, IF Failed, stay on Add/Edit Process   * 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"  **[CR08]** , "Total Floor Space"  **[CR13]** , "Occupiable Area"  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

###### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Jalankan GFF00900 – Activity Approval dengan parameter:   CACTION\_CODE = ' GSM02503'   * 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

**[CR08]**

**Tab Floor**



**Tab Unit**



**[CR04]**





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).   + **[CR04]** ~~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. |  |
| **[CR04]**  **~~[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:   **[CR04]**   * + - ~~“Selected”~~        * ~~Checkbox~~       * ~~Var\_Selected~~     - “No“       * Textbox       * Generate running number   **[CR04/]**   * + - “Floor Code”       * Textbox     - “Floor Name”       * Textbox     - “Description”       * Textbox     - “Active” = Checkbox     - “Non Active Date” = Textbox     - “Unit Type”       * Textbox     - “Unit Category”       * Textbox   **[CR04]**   * + - “Valid”       * Textbox (Y/N)     - “Notes”       * Field: CNOTES       * Label     - ~~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)~~ |  |
| **[CR08]**   * Tampilkan data List of Load Unit   + Definisi Fields:     - “Floor Id”       * Textbox     - “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     - “Valid”       * Textbox (Y/N)     - “Notes”       * Field: CNOTES       * Label |  |
| * ~~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~~   **[CR04/]** |  |

PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR04]**   * ~~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(100)  , FloorName VARCHAR(200)  , 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]     - **[CR04]**~~@Var\_Overwrite = Flag Overwrite~~   **[CR03]** Jumlah progress bar: 10 Step  ~~Jika terdapat error data, tampilkan kedalam pop-up Grid seperti contoh dibawah~~ |  |
| **[CR08]**  Tab - Unit  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  , FloorId VARCHAR(20)  , 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 = '' [empty string]     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]   Jumlah progress bar: 10 Step |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |



|  |  |
| --- | --- |
| **[CR04]** | **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:   **[CR05]**  ~~SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Selected Building   **[CR05]**  ~~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'~~  EXEC RSP\_GS\_GET\_BUILDING\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id', 'Selected Building Id'  **[CR05/]**   * Display data:   + "Building"     - Textbox     - Display = CBUILDING\_NAME     - NVARCHAR(100) |  |
| * Load Building Floor   **[CR05]**  ~~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'~~  EXEC RSP\_GS\_GET\_BUILDING\_FLOOR\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id', 'Selected Building Id', 'Selected Floor Id', 'Login User Id'  **[CR05/]**   * 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 =   **[CR05]**  ~~SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]~~  ~~AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID~~  Set UOM = CUOM From  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**   * + "Actual Area"     - Textbox     - Display = NACTUAL\_AREA\_SIZE     - Numeric(8,2)     - Numeric Input Only       * *"Sqm"*       * Label       * Value =   **[CR05]**  ~~SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]~~  ~~AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID~~  Set UOM = CUOM From  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**   * + "Net Size"     - Textbox     - Display = NNET\_AREA\_SIZE     - Numeric(8,2)     - Numeric Input Only       * *"Sqm"*       * Label       * Value =   **[CR05]**  ~~SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]~~  ~~AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID~~  Set UOM = CUOM From  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**   * + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - **[CR06]** Default Value = ~~[0] Unchecked~~ [1] Checked |  |
| * 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** |
| **[CR06]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02504'  IF Success, jalankan Save Building Unit Process, IF Failed, stay on Add/Edit Process   * 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** |
| * Jalankan GFF00900 – Activity Approval dengan parameter:   CACTION\_CODE = ' GSM02504'   * 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

**[CR04]**





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).   + **[CR04]** ~~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. |  |
| **[CR04]**  **~~[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~~   **[CR04/]** |  |

~~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:   **[CR04]**   * + - ~~“Selected”~~        * ~~Checkbox~~       * ~~Var\_Selected~~     - “No“       * Textbox       * Generate running number   **[CR04/]**   * + - “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   **[CR04]**   * + - “Valid”       * Textbox (Y/N)     - “Notes”       * Field: CNOTES       * Label     - ~~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~~   **[CR04/]** |  |

PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR04]**   * ~~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]     - **[CR04]** ~~@Var\_Overwrite = Flag Overwrite~~   **[CR03]** Jumlah progress bar: 10 Step  ~~Jika terdapat error data, tampilkan kedalam pop-up Grid seperti contoh dibawah~~ |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |



|  |  |
| --- | --- |
| **[CR04]** | **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”~~ |  |

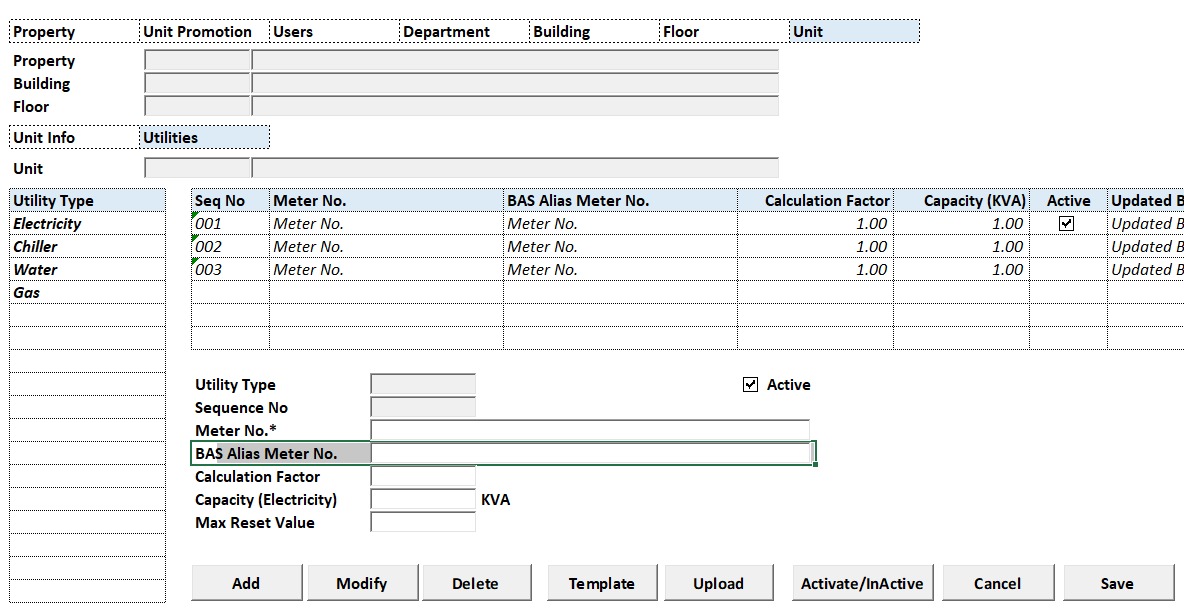
CANCEL PROCESS

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

UTILITIES

USER INTERFACE

[CR10]



**[CR02]**





BUTTON DEFINITION

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

DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   **[CR05]**  ~~SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Selected Building   **[CR05]**  ~~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'~~  EXEC RSP\_GS\_GET\_BUILDING\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id', 'Selected Building Id'  **[CR05/]**   * Display data:   + "Building"     - Textbox     - Display = CBUILDING\_NAME     - NVARCHAR(100) |  |
| * Load Building Floor   **[CR05]**  ~~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'~~  EXEC RSP\_GS\_GET\_BUILDING\_FLOOR\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id', 'Selected Building Id', 'Selected Floor Id', 'Login User Id'  **[CR05/]**   * Display data:   + "Floor"     - Textbox     - Display = CFLOOR\_NAME     - NVARCHAR(100) |  |
| * Load Selected Building Unit [BUILIDNG\_UNIT]   **[CR05]**  ~~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'~~  EXEC RSP\_GS\_GET\_BUILDING\_UNIT\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id', 'Selected Building Id', 'Selected Floor Id', 'Selected Unit Id'', 'Login User Id'  **[CR05/]**   * 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', [CR14]'01,02,03,04', [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   **[CR10]**   * + "BAS Alias Meter No."     - Textbox     - Display = CALIAS\_METER\_NO   **[CR10/]**   * + "PF"     - Textbox     - Display = NCALCULATION\_FACTOR   **[CR14]**  IF "Utility Type" IN ‘01’ AND 02   * + "Capacity (KVA)"     - Textbox     - Display = NCAPACITY   ELSE IF "Utility Type" IN ‘03’ AND 04   * + "Pipe Size"     - Textbox     - Display = NCAPACITY   **[CR14/]**   * + "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)   **[CR10]**   * + "BAS Alias Meter No."     - Textbox     - Display = CALIAS\_METER\_NO   **[CR10/]**   * + "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   **[CR14]**  IF "Utility Type" IN ‘03’ AND ‘04’   * + "Pipe Size"     - Textbox     - Display = NCAPACITY     - Numeric Input Only   + "Max Reset Value"     - Textbox     - Display = IMETER\_MAX\_COUNT     - Numeric Input Only   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - **[CR06]** Default Value = ~~[0] Unchecked~~ [1] Checked |  |
| * 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.\*"  **[CR10]**, "BAS Alias Meter No."  , "Calculation Factor"  , "Capacity (Electricity)" KVA  , "Max Reset Value"  , "Active"  , "DELETE"  , Login User Id |  |

SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR06]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02505'  IF Success, jalankan Save Unit Utilities Process, IF Failed, stay on Add/Edit Process   * 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.\*"  **[CR10]**, "BAS Alias 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** |
| * Jalankan GFF00900 – Activity Approval dengan parameter:   CACTION\_CODE = ' GSM02505'   * 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 |  |

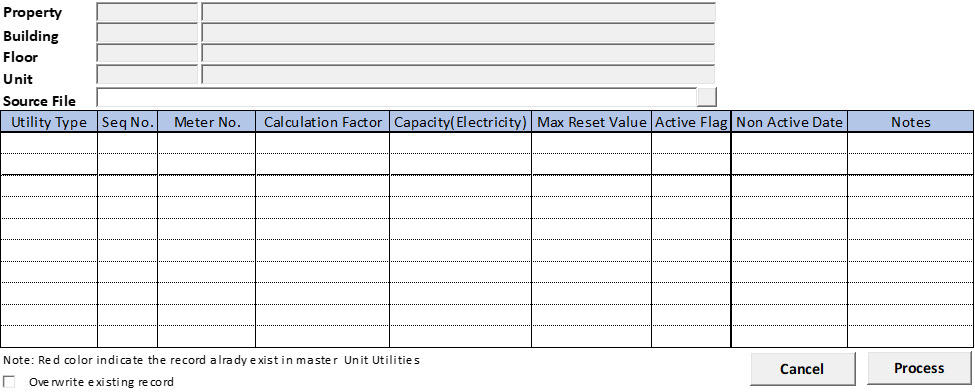
UPLOAD PROCESS

**[CR10]**



**[CR04]**





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 Utilities (Read Only).   + **[CR04]** ~~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. |  |
| **[CR04]**  **~~[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~~   **[CR04/]** |  |

~~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:   **[CR04]**   * + - ~~“Selected”~~        * ~~Checkbox~~       * ~~Var\_Selected~~     - “No“       * Textbox       * Generate running number   **[CR04/]**   * + - “Unit Type”       * Textbox     - “Seq No.”       * Textbox     - “Meter No.”       * Textbox   **[CR10]**   * + - “BAS Alias Meter No.”       * Textbox   **[CR10/]**   * + - “Calculation Factor”       * Textbox     - “Capacity(Electricity)”       * Textbox     - “Max Reset Value”       * Textbox     - “Active” = Checkbox     - “Non Active Date” = Textbox   **[CR04]**   * + - “Valid”       * Textbox (Y/N)     - “Notes”       * Field: CNOTES       * Label     - ~~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~~   **[CR04/]** |  |

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\_UTILITIES  CREATE TABLE #UNIT\_UTILITIES(NO INT  , CUTILITY\_TYPE VARCHAR(2)  , CSEQUENCE VARCHAR(3)  , CMETER\_NO VARCHAR(50)  **[CR10]** , CALIAS\_METER\_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]     - **[CR04]** ~~@Var\_Overwrite = Flag Overwrite~~   **[CR03]** Jumlah progress bar: 5 Step    ~~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

**[CR03]**



**[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:   **[CR05]**  ~~SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**  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     - **[CR06]** Default Value = ~~[0] Unchecked~~ [1] Checked   **[CR01]**   * + "Property Type"     - Combobox     - Field = CPROPERTY\_TYPE     - Display = CPROPERTY\_TYPE\_NAME     - Value =   **[CR05]**  ~~SELECT CPROPERTY\_TYPE\_CODE~~  ~~, CPROPERTY\_TYPE\_NAME~~  ~~, LSINGLE\_UNIT~~  ~~FROM GSM\_PROPERTY\_TYPE (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [Login Company Id]~~  EXEC RSP\_GS\_GET\_PROPERTY\_TYPE\_LIST [Login Company Id], [Login User Id], 1  **[CR05/]**   * + "Single Unit"     - Checkbox     - Display = LSINGLE\_UNIT     - Value = [1] Checked / [0] Unchecked     - Disabled     - Get Value from combobox Property Type   **[\CR01]**  **[CR03]**   * + "Invitation Invoice Period"     - Textbox     - Display = IINVITATION\_INVOICE\_PERIOD     - Numeric Input Only     - Default Value = 0   **[\CR03]**   * + "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: "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"  **[CR03]**, "Property Type"  **[CR03]**, "Invitation Invoice Period"  , "Description"  , "Active"  , "DELETE"  , Login User Id |  |

##### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR06]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02505'  IF Success, jalankan Save Unit Type Category Process, IF Failed, stay on Add/Edit Process   * Save Unit Type Category   EXEC RSP\_GS\_MAINTAIN\_UNIT\_TYPE\_CATEGORY  "Login Company Id"  , "Property Id"  , "Unit Type Category Id"  , "Unit Type Category Name"  **[CR03]**, "Property Type"  **[CR03]**, "Invitation Invoice Period"  , "Description"  , "Active"  , CACTION [ADD/EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

##### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Jalankan GFF00900 – Activity Approval dengan parameter:   CACTION\_CODE = ' GSM02505'   * 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

**[CR04]**



**[CR03]**





###### 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).   + **[CR04]** ~~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. |  |
| **[CR04]**  **~~[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~~   **[CR04/]** |  |

###### ~~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:   **[CR04]**   * + - “No“       * Textbox       * Generate running number     - ~~“Selected”~~        * ~~Checkbox~~       * ~~Var\_Selected~~   **[CR04/]**   * + - “Unit Type Category Id”       * Textbox     - “Unit Type Catgory Name”       * Textbox     - “Description”       * Textbox   **[CR03]**   * + - “PropertyType”       * Textbox     - “InvitationInvoicePeriod”       * Textbox   **[\CR03]**   * + - “Active” = Checkbox     - “Non Acitve Date” = Textbox   **[CR04]**   * + - “Valid”       * Textbox (Y/N)     - “Notes”       * Field: CNOTES       * Label     - ~~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~~   **[CR04/]** |  |

###### 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(100)  , UnitTypeCategoryName NVARCHAR(200)  , Description NVARCHAR(MAX)  **[CR03]** , PropertyType VARCHAR(2)  **[CR03]** , InvitationInvoicePeriod INT  , 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]     - **[CR04]** ~~@Var\_Overwrite = Flag Overwrite~~   **[CR03]** Jumlah progress bar: 6 Step  **[CR04]**   * IF VAR\_RESULT.IERROR\_COUNT=0   + Display message ‘Unit Type Category uploaded successfully!’, OK   + ELSE     - Display error message where NO < 0 * ELSE   + Set Button Process / Save to Excel Label=Save to Excel   + Update DTO WHERE NO EXISTS IN Error Message NO     - set VALID=N     - Set NOTES=Error messages di resource berdasarkan kode resource di error messages (**CEK DENGAN RnD untuk utility buat convert multiple error messages ke dalam 1 baris**)   + Refresh UNIT TYPE CATEGORY GRID dengan DTO   + Set Valid=Number of DTO where VALID=Y   + Set Invalid= Number of DTO where VALID=N   + Display error message where NO < 0   **[CR04\]** |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |

##### CANCEL PROCESS

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

##### TAB – CHARGE

###### USER INTERFACE

**[CR03]**



**[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\_UNIT\_CHARGES\_TYPE', '', [Login Language Id])   * + "Charge Id"     - Lookup     - Field = CCHARGES\_ID     - Display = CCHARGES\_NAME     - Value = LML00200 – Unit Charges Lookup   With Parameter:   * + - * Login Company Id       * Selected Property Id       * Selected Charge Type Id       * User Login Id   + "Description"     - Textbox     - Field = CDESCRIPTION     - Varchar(255)   **[CR03]**   * + "Monthly Fee"     - Textbox     - Field = NFEE     - Numeric Input Only   + ~~"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])~~  **[\CR03]**   * + "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"  **[CR03]**~~, "Fee Method"~~  **[CR03]**~~, "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"  **[CR03]**, ~~"Fee Method"~~  **[CR03]**~~, "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:   **[CR05]**  ~~SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**  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 =   **[CR05]**  ~~SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]~~  ~~AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID~~  Set UOM = CUOM From  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**   * + "Net Area Size"     - Textbox     - Display = NNET\_AREA\_SIZE     - Numeric(8,2)     - Numeric Input Only     - Mandatory       * *"Sqm"*       * Label       * Value =   **[CR05]**  ~~SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]~~  ~~AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID~~  Set UOM = CUOM From  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**   * + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - **[CR06]** Default Value = ~~[0] Unchecked~~ [1] Checked   + "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** |
| **[CR06]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02507'  IF Success, jalankan Save Unit Type Process, IF Failed, stay on Add/Edit Process   * 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** |
| **[CR06]**   * ~~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~~   * Jalankan GFF00900 – Activity Approval dengan parameter:   CACTION\_CODE = 'GSM02507'   * 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

**[CR04]**





###### 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).   + **[CR04]** ~~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. |  |
| **[CR04]**  **~~[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~~   **[CR04/]** |  |

###### 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:   **[CR04]**   * + - “No“       * Textbox       * Generate running number     - ~~“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   **[CR04]**   * + - “Valid”       * Textbox (Y/N)     - “Notes”       * Field: CNOTES       * Label     - ~~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~~   **[CR04/]** |  |

###### 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(100)  , UnitTypeName NVARCHAR(200)  , 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]     - **[CR04]** ~~@Var\_Overwrite = Flag Overwrite~~   **[CR03]** Jumlah progress bar: 7 Step  **[CR04]**   * IF VAR\_RESULT.IERROR\_COUNT=0   + Display message ‘Unit Type uploaded successfully!’, OK   + ELSE     - Display error message where NO < 0 * ELSE   + Set Button Process / Save to Excel Label=Save to Excel   + Update DTO WHERE NO EXISTS IN Error Message NO     - set VALID=N     - Set NOTES=Error messages di resource berdasarkan kode resource di error messages (**CEK DENGAN RnD untuk utility buat convert multiple error messages ke dalam 1 baris**)   + Refresh UNIT TYPE GRID dengan DTO   + Set Valid=Number of DTO where VALID=Y   + Set Invalid= Number of DTO where VALID=N   + Display error message where NO < 0   **[CR04\]** |  |
| * 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:   **[CR05]**  ~~SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Get Selected Unit Type:   **[CR05]**  ~~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'~~  EXEC RSP\_GS\_GET\_UNIT\_TYPE\_LIST 'Login CCOMPANY\_ID', 'Selected Property Id', 'Selected Unit Type Id', 'Login User Id'  **[CR05/]**   * 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"  **[CR09]** , Storage Id **[CR09/]**  , "DELETE"  , Login User Id |  |

##### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR09}**   * Check sudah setting Storage setup atau belum   EXEC RSP\_GS\_GET\_STORAGE\_TYPE 'Login Company Id', 'User Login Id' |  |
| **[CR09]**  Validasi apakah document sudah di create atau belum.  IF EXISTS(SELECT TOP 1 1 FROM GSM\_PROPERTY\_UNIT\_TYPE\_IMAGE (NOLOCK)  WHERE CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id  AND CUNIT\_TYPE\_ID = Selected "Unit Type" Code  AND CSTORAGE\_ID = '')  Jika belum ada,   * + - Run Function R\_StorageUtility\_AddFile     - Parameter       * CUSER\_ID = '{Login\_user\_id} '       * CSTORAGE\_TYPE = CSTORAGE\_TYPE **[ON CLOUD / ON PREMIS]**       * CSTORAGE\_PROVIDER\_ID = CSTORAGE\_PROVIDER\_ID **[AZURE / GOOGLE]**       * CCOMPANY\_ID = '{Login Company Id}'       * CDATA\_TYPE = 'STORAGE\_DATA\_TABLE'       * CKEY01 = '{Selected Property Id}'       * CKEY02 = Selected "Unit Type" Code       * CKEY03 = CKEY10 = ''       * ODATA = File content       * CFILE\_NAME = LEFT(RTRIM('Selected Property Id') + Selected "Unit Type" Code)       * CEXTENSION = .doc         + Return       * CSTORAGE\_ID   Jika sudah ada storage sebelumnya,   * + - Run Function R\_StorageUtility\_UpdateFile     - Parameter       * CSTORAGE\_ID       * ODATA = File content       * CUSER\_ID = '{Login\_user\_id} '       * CDATA\_TYPE = 'STORAGE\_DATA\_TABLE'       * CKEY01 = '{Selected Property Id}'       * CKEY02 = Selected "Unit Type" Code       * CKEY03 = CKEY10 = ''       * ODATA = File content       * CFILE\_NAME = LEFT(RTRIM('Selected Property Id') + Selected "Unit Type" Code)       * CEXTENSION = .doc   **[CR04/]**   * Save Unit Type Image   EXEC RSP\_GS\_MAINTAIN\_UNIT\_TYPE\_IMAGE  "Login Company Id"  , "Property Id"  , "Image Id"  , "Image Name"  , "Image"  **[CR09]** , Storage Id **[CR09/]**  , CACTION (ADD/EDIT)  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

##### SHOW

|  |  |
| --- | --- |
| **[CR05]** | **Test** |
| * ~~SELECT OIMAGE FROM GSM\_PROPERTY\_UNIT\_TYPE\_IMAGE(NOLOCK) WHERE CCOMPANY\_ID = @CLOGIN\_COMPANY\_ID AND CPROPERTY\_ID = @CSELECTED\_PROPERTY\_ID AND CUNIT\_TYPE\_ID = @CSELECTED\_UNIT\_TYPE\_ID AND CIMAGE\_ID = @CSELECTED\_IMAGE\_ID~~   EXEC RSP\_GS\_GET\_UNIT\_TYPE\_IMAGE\_DETAIL 'Login Company Id', 'Selected Property Id', 'Selected Unit Type', 'Selected Image Id'  **[CR09]**   * + Run Function R\_StorageUtility\_ReadFile   + Parameter:     - CSTORAGE\_ID = '{Selected\_CSTORAGE\_ID}'   **[CR09/]** |  |

### TAB – UNIT VIEW

#### USER INTERFACE



#### BUTTON DEFINITION

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

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   **[CR05]**  ~~SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**  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 – OTHER UNIT

### OTHER UNIT TYPE

#### USER INTERFACE

**[CR12]**



**[CR02]**





#### BUTTON DEFINITION

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

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   **[CR05]**  ~~SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load **[CR11]** Other Unit Type ~~Unit Promotion Type~~ [OTHER\_UNIT\_TYPE\_LIST]   **[CR05]**  ~~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]~~  EXEC [RSP\_GS\_GET\_OTHER\_UNIT\_TYPE] [Login Company Id], [Selected Property Id], '', [Login Company Id]  **[CR05/]**   * Display data [OTHER\_UNIT\_TYPE\_LIST]:   + "Unit Promotion Type"     - Textbox     - Display = COTHER\_UNIT\_TYPE\_NAME + ' (' + COTHER\_UNIT\_TYPE\_ID + ')'     - VARCHAR(100) * Load Selected Other Unit Type [OTHER\_UNIT\_TYPE]   EXEC RSP\_GS\_GET\_OTHER\_UNIT\_TYPE @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_OTHER\_UNIT\_Type\_Id, @CUSER\_LOGIN\_ID   * Display data [OTHER\_UNIT\_TYPE]:   + **[CR11]**"Other Unit Type" ~~"Unit Promotion Type"~~     - Textbox     - Display = COTHER\_UNIT\_TYPE\_ID, COTHER\_UNIT\_TYPE\_NAME     - VARCHAR(20), NVARCHAR(100)   + "Description"     - Textbox     - Display = CDESCRIPTION     - NVARCHAR(MAX)   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [0] Uncheck / [1] Checked     - **[CR06]** Default Value = [1] Checked   + **[CR12]** "Event"     - Checkbox     - Display = LEVENT     - Value = [0] Uncheck / [1] Checked     - Default Value = [0] Uncheck   **Default Size**   * + "Gross Area Size"     - Textbox     - Display = NGROSS\_AREA\_SIZE     - Numeric(5,2)     - Numeric Input Only       * *"Sqm"*       * Label       * Value =   **[CR05]**  ~~SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]~~  ~~AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID~~  Set UOM = CUOM From  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**   * + "Net Area Size"     - Textbox     - Display = NNET\_AREA\_SIZE     - Numeric(5,2)     - Numeric Input Only       * *"Sqm"*       * Label       * Value =   **[CR05]**  ~~SELECT CUOM FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [LOGIN COMPANY ID]~~  ~~AND CPROPERTY\_ID = SELECTED CPROPERTY\_ID~~  Set UOM = CUOM From  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**   * + "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 |  |

#### 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\_OTHER\_UNIT\_TYPE  "Login Company Id"  , "Property Id"  , "Unit Promotion Type" Id  , "Unit Promotion Type" Name  , "Description"  , "Active"  , "Gross Area Size"  , "Net Area Size"  , **[CR12]** “Event”  , "DELETE"  , Login User Id |  |

#### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR06]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02508'  IF Success, jalankan Save Unit Promotion Type Process, IF Failed, stay on Add/Edit Process   * Save Unit Promotion Type   EXEC RSP\_GS\_MAINTAIN\_OTHER\_UNIT\_TYPE  "Login Company Id"  , "Property Id"  , "Unit Promotion Type" Id  , "Unit Promotion Type" Name  , "Description"  , "Active"  , "Gross Area Size"  , "Net Area Size"  , **[CR12]** “Event”  , CACTION "ADD" / "EDIT"  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

#### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR06]**   * ~~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~~  Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02508'   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_OTHER\_UNIT\_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

**[CR11]**



**[CR04]**





##### 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 Other 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 (Read Only).   + **[CR04]** ~~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. |  |
| **[CR04]**  **~~[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:   **[CR04]**   * + - ~~“Selected”~~        * ~~Checkbox~~       * ~~Var\_Selected~~     - “No“       * Textbox       * Generate running number     - **[CR11]** “OtherUnitTypeId” ~~“UnitPromotionTypeId”~~       * Textbox     - **[CR11]** “OtherUnitTypeName” ~~“UnitPromotionTypeName”~~       * Textbox     - “GrossAreaSize”       * Textbox     - “NetAreaSize”       * Textbox     - “Active” = Checkbox     - “Non Active Date” = Textbox   **[CR04]**   * + - “Valid”       * Textbox (Y/N)     - “Notes”       * Field: CNOTES       * Label     - ~~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~~   **[CR04/]** |  |

##### 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]     - **[CR04]** ~~@Var\_Overwrite = Flag Overwrite~~   **[CR03]** Jumlah progress bar: 8 Step  **[CR04]**   * IF VAR\_RESULT.IERROR\_COUNT=0   + Display message ‘Unit Promotion Type uploaded successfully!’, OK   + ELSE     - Display error message where NO < 0 * ELSE   + Set Button Process / Save to Excel Label=Save to Excel   + Update DTO WHERE NO EXISTS IN Error Message NO     - set VALID=N     - Set NOTES=Error messages di resource berdasarkan kode resource di error messages (**CEK DENGAN RnD untuk utility buat convert multiple error messages ke dalam 1 baris**)   + Refresh UNITPROMOTIONTYPE GRID dengan DTO   + Set Valid=Number of DTO where VALID=Y   + Set Invalid= Number of DTO where VALID=N   + Display error message where NO < 0   **[CR04\]**  ~~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 |  |

### OTHER UNIT

#### USER INTERFACE

**[CR11]**



**[CR02]**





#### BUTTON DEFINITION

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

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   **[CR05]**  ~~SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Other Unit List [OTHER\_UNIT\_LIST]   EXEC RSP\_GS\_GET\_OTHER\_UNIT\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @CUSER\_LOGIN\_ID   * Display data [OTHER\_UNIT\_LIST]:   + **[CR11]**"Other Unit Id" ~~"Unit Promotion Id"~~     - Textbox     - Display = COTHER\_UNIT\_ID     - VARCHAR(20)   + **[CR11]**"Other Unit Name" ~~"Unit Promotion Name"~~     - Textbox     - Display = COTHER\_UNIT\_NAME     - VARCHAR(100)   + **[CR11]**"Other Unit Type" ~~"Unit Promotion Type"~~     - Textbox     - Display = COTHER\_UNIT\_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   + "Updated Date"     - Textbox     - Display = DUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = DCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Load Selected Unit Promotion [OTHER\_UNIT\_DT]   EXEC RSP\_GS\_GET\_OTHER\_UNIT\_DT @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_OTHER\_UNIT\_Id, @CUSER\_LOGIN\_ID   * Display data [OTHER\_UNIT\_TYPE]:   + **[CR11]**"Other Unit" ~~"Unit Promotion"~~     - Textbox     - Display = COTHER\_UNIT\_ID, COTHER\_UNIT\_NAME     - VARCHAR(20), NVARCHAR(100)   + "Description"     - Textbox     - Display = CDESCRIPTION     - NVARCHAR(MAX)   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [0] Uncheck / [1] Checked     - **[CR06]** Default Value = [1] Checked   + **[CR11]**"Other Unit Type" ~~"Unit Promotion Type"~~     - Combobox     - Display = COTHER\_UNIT\_TYPE\_NAME     - VARCHAR(20)     - VALUE =   **[CR05]**  ~~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~~  EXEC [RSP\_GS\_GET\_OTHER\_UNIT\_TYPE] 'Login Company Id', 'Selected Property Id', '', [Login User Id], 1  **[CR05/]**   * + "Building"     - Combobox     - Display = CBUILDING\_NAME     - VARCHAR(20)     - VALUE =   **[CR05]**  ~~SELECT CBUILDING\_ID, CBUILDING\_NAME FROM GSM\_PROPERTY\_BUILDING (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_BUILDING\_LIST 'Login CCOMPANY\_ID', 'Selected Property Id', [Login User Id]  **[CR05/]**   * + "Floor"     - Combobox     - Display = CFLOOR\_NAME     - VARCHAR(20)     - VALUE =   **[CR05]**  ~~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'~~  EXEC RSP\_GS\_GET\_BUILDING\_FLOOR\_LIST 'Login CCOMPANY\_ID', 'Selected Property Id'  , 'Selected Building Id', 'RE'  **[CR05/]**   * + "Location\*"     - Textbox     - Display = CLOCATION     - Mandatory Field     - VARCHAR(20)   + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Updated Date"     - Textbox     - Display = DUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + "Created Date"     - Textbox     - Display = DCREATE\_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\_OTHER\_UNIT  "Login Company Id"  , "Property Id"  , "Building"  , "Floor"  , "Other Unit" Id  , "Other Unit" Name  , "Active"  , "Description"  , "Other Unit Type"  , "Location\*"  , "DELETE"  , Login User Id |  |

#### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR06]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02506'  IF Success, jalankan Save Unit Promotion Process, IF Failed, stay on Add/Edit Process   * Save Unit Promotion   EXEC RSP\_GS\_MAINTAIN\_OTHER\_UNIT  "Login Company Id"  , "Property Id"  , "Building"  , "Floor"  , "Other Unit" Id  , "Other Unit" Name  , "Active"  , "Description"  , "Other Unit 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~~  Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02506'   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_OTHER\_UNIT  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

**[CR11]**



**[CR04]**





##### 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).   + **[CR04]** ~~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. |  |
| **[CR04]**  **~~[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:   **[CR04]**   * + - ~~“Selected”~~        * ~~Checkbox~~       * ~~Var\_Selected~~     - “No“       * Textbox       * Generate running number   **[CR04/]**   * + - **[CR11]** “OtherUnitId” ~~“UnitPromotionId”~~       * Textbox     - **[CR11]** “OtherUnitName” ~~“UnitPromotionName”~~       * Textbox     - **[CR11]** “OtherUnitType” ~~“UnitPromotionType”~~       * Textbox     - “Building”       * Textbox     - “Floor”       * Textbox     - “Location”       * Textbox     - “Active” = Checkbox     - “Non Active Date” = Textbox   **[CR04]**   * + - “Valid”       * Textbox (Y/N)     - “Notes”       * Field: CNOTES       * Label     - ~~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~~   **[CR04/]** |  |

##### 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]     - **[CR04]** ~~@Var\_Overwrite = Flag Overwrite~~   **[CR03]** Jumlah progress bar: 15 Step  **[CR04]**   * IF VAR\_RESULT.IERROR\_COUNT=0   + Display message ‘Unit Promotion uploaded successfully!’, OK   + ELSE     - Display error message where NO < 0 * ELSE   + Set Button Process / Save to Excel Label=Save to Excel   + Update DTO WHERE NO EXISTS IN Error Message NO     - set VALID=N     - Set NOTES=Error messages di resource berdasarkan kode resource di error messages (**CEK DENGAN RnD untuk utility buat convert multiple error messages ke dalam 1 baris**)   + Refresh UNITPROMOTION GRID dengan DTO   + Set Valid=Number of DTO where VALID=Y   + Set Invalid= Number of DTO where VALID=N   + Display error message where NO < 0   **[CR04\]**  ~~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 |  |

### UTILITIES

#### USER INTERFACE

[CR13]



#### BUTTON DEFINITION

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

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |
| * Load Selected Building   EXEC RSP\_GS\_GET\_BUILDING\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id', 'Selected Building Id'   * Display data:   + "Building"     - Textbox     - Display = CBUILDING\_NAME     - NVARCHAR(100) |  |
| * Load Building Floor   EXEC RSP\_GS\_GET\_BUILDING\_FLOOR\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id', 'Selected Building Id', 'Selected Floor Id', 'Login User Id'   * Display data:   + "Floor"     - Textbox     - Display = CFLOOR\_NAME     - NVARCHAR(100) |  |
| * Load Other Unit List [OTHER\_UNIT\_DETAIL]   EXEC RSP\_GS\_GET\_OTHER\_UNIT\_DT @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_OTHER\_UNIT\_Id, @CUSER\_LOGIN\_ID   * Display data [BUILIDNG\_UNIT\_LIST]:   + "Other Unit"     - Textbox     - Display = COTHER\_UNIT\_ID, COTHER\_UNIT\_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', [CR14]'01,02,03,04', [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\_OTHER\_UTILITIES\_LIST @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Building\_Id, @Selected\_Floor\_Id, @Selected\_Other\_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   + "BAS Alias Meter No."     - Textbox     - Display = CALIAS\_METER\_NO   + "PF"     - Textbox     - Display = NCALCULATION\_FACTOR   **[CR14]**  IF "Utility Type" IN ‘01’ AND 02   * + "Capacity (KVA)"     - Textbox     - Display = NCAPACITY   ELSE IF "Utility Type" IN ‘03’ AND 04   * + "Pipe Size"     - Textbox     - Display = NCAPACITY   **[CR14/]**   * + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked |  |
| * Load Building Unit Utilities Detail [BUILIDNG\_UNIT\_DETAIL]   EXEC RSP\_GS\_GET\_BUILDING\_OTHER\_UTILITIES\_DETAIL @CLOGIN\_COMPANY\_ID, @Selected\_Property\_Id, @Selected\_Building\_Id, @Selected\_Floor\_Id, @Selected\_Other\_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)   + "BAS Alias Meter No."     - Textbox     - Display = CALIAS\_METER\_NO   + "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   **[CR14]**  IF "Utility Type" IN ‘03’ AND ‘04’   * + "Pipe Size"     - Textbox     - Display = NCAPACITY     - Numeric Input Only   + "Max Reset Value"     - Textbox     - Display = IMETER\_MAX\_COUNT     - Numeric Input Only   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - Default Value = [1] Checked |  |
| * 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\_OTHER\_UNIT\_UTILITIES  "Login Company Id"  , "Property Id"  , "Building Id"  , "Floor Id"  , "Other Unit Id"  , "Utilities Type"  , "Sequence No"  , "Meter No.\*"  , "BAS Alias Meter No."  , "Calculation Factor"  , "Capacity (Electricity)" KVA  , "Max Reset Value"  , "Active"  , "DELETE"  , Login User Id |  |

#### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM02509'  IF Success, jalankan Save Unit Utilities Process, IF Failed, stay on Add/Edit Process   * Save Building Unit Utilities   EXEC RSP\_GS\_MAINTAIN\_BUILDING\_OTHER\_UNIT\_UTILITIES  "Login Company Id"  , "Property Id"  , "Building Id"  , "Floor Id"  , "Other Unit Id"  , "Utilities Type"  , "Sequence No"  , "Meter No.\*"  , "BAS Alias 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** |
| * Jalankan GFF00900 – Activity Approval dengan parameter:   CACTION\_CODE = ' GSM02509'   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_OTHER\_UNIT\_UTILITIES  Login Company Id  , "Property Id"  , "Building Id"  , "Floor Id"  , "Other Unit Id"  , "Utilities Type"  , "Sequence"  , Flag Active [True] / [False]  , Login User Id |  |

#### TEMPLATE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * 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 Utilities (Read Only).   + 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. |  |
| * 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. |  |

##### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan data List of Load Unit Utilities   + Definisi Fields:     - “No“       * Textbox       * Generate running number     - “Unit Type”       * Textbox     - “Seq No.”       * Textbox     - “Meter No.”       * Textbox     - “BAS Alias Meter No.”       * Textbox     - “Calculation Factor”       * Textbox     - “Capacity(Electricity)”       * Textbox     - “Max Reset Value”       * Textbox     - “Active” = Checkbox     - “Non Active Date” = Textbox     - “Valid”       * Textbox (Y/N)     - “Notes”       * Field: CNOTES       * Label |  |

##### PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| 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 #OTHER\_UNIT\_UTILITIES  CREATE TABLE #OTHER\_UNIT\_UTILITIES(NO INT  , CUTILITY\_TYPE VARCHAR(2)  , CSEQUENCE VARCHAR(3)  , CMETER\_NO VARCHAR(50)  , CALIAS\_METER\_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 #OTHER\_UNIT\_UTILITIES   * + EXEC RSP\_GS\_UPLOAD\_BUILDING\_OTHER\_UNIT\_UTILITIES     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - CBUILDING\_ID = Selected Building Id     - CFLOOR\_ID = Selected Floor Id     - COTHER\_UNIT\_ID = Selected Other Unit Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]   Jumlah progress bar: 5 Step |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |

#### CANCEL PROCESS

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

## TAB – USER

### USER INTERFACE

**[CR02]**





### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   **[CR05]**  ~~SELECT CPROPERTY\_ID, CPROPERTY\_NAME FROM GSM\_PROPERTY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login CCOMPANY\_ID' AND CPROPERTY\_ID = 'Selected Property Id'~~  EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL 'Login CCOMPANY\_ID', 'Selected Property Id'  **[CR05/]**  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 =   **[CR05]**  ~~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)~~  EXEC RSP\_GS\_GET\_LOOKUP\_USER\_LIST [Login Company Id], 'GSM02500', [Selected Property Id]  **[CR05/]**   * + "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 |  |

## TAB – DEPARTMENT

### USER INTERFACE

**[CR07]**



### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Selected Property:   EXEC RSP\_GS\_GET\_PROPERTY\_DETAIL ‘Login CCOMPANY\_ID’, ‘Selected Property Id’  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID  EXEC RSP\_GS\_GET\_PROPERTY\_DEPT\_LIST @CCOMPANY\_ID, @CPROPERTY\_ID, @CUSER\_LOGIN\_ID   * Display data [PROPERTY\_DEPARTMENT\_LIST]:   + “Department Id”     - Combobox     - Display = CDEPT\_CODE     - VARCHAR(20)     - Mandatory     - Value =   EXEC RSP\_GS\_GET\_DEPT\_LOOKUP\_LIST [Login Company Id], [Login User Id], [Selected Property Id]   * + “Department Name”     - Textbox     - Display = CUSER\_NAME     - NVARCHAR(80)   + “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: “Department Code” * Disabled fields: “Department Name”, “Last Update By”, “Last Update Date” * Set focus to column: “Department Code“ |  |
| * 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\_DEPT  Login “Company Id”  , “Property Id”  , “Department Code”  , “DELETE”  , Login User Id |  |

### SAVE AND VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = ADD |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_PROPERTY\_DEPT  Login “Company Id”  , “Property Id”  , “Department Code”  , “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 |  |
| **CR03**  **RE, 2 August 2023** | * Menambahkan jumlah progress bar pada process upload * Tab Unit Type Category, menambahkan Invitation Invoice Period * Unit Type Category – Tab Charges, fee method dan period method di hilangkan * Penambahan Property Type dan Invitation Invoice Period pada Upload Proces |  |
| **CR04**  **RE, 8 Sept 2023** | * Mengubah process upload |  |
| **CR05**  **RE, 21 Sept 2023** | * Perubahan query manual ke SP |  |
| **CR06**  **RE. 16 Okt 2023** | * Mengubah default flag Active = true dan saat save “add” baca Activitiy Approval |  |
| **CR07**  **RE, 24 Okt 2023** | * Menambahkan tab – Department di master Property |  |
| **CR08**  **RE, 24 Nov 2023** | * Menambahkan function upload Floor & Unit bersamaan |  |
| **CR09**  **RE, 27 Des 2023** | * Menambahkan storage untuk simpan unit type image |  |
| **CR10**  **RE, 18 Jan 2024** | * Menambahkan alias meter No untuk tab Utilities |  |
| **CR11**  **RE, 16 Feb 2024** | * Mengubah Unit Promotion jadi Other Unit |  |
| **CR12**  **IB, 6 May 2024** | * Tambah flag Event di Other Unit Type |  |
| **CR13**  **RE, 10 July 2024** | * Tab Floor – tambah Occupiable Area dan Common Area * Tab Other Unit – tambah Tab Utilities |  |
| **CR14**  **RE, 2 Spet 2024** | * Utilities type hanya muncul Electricity, Gas, Water, Chiller * Jika Water and Gas, Label Capacity jadi “Pipe Size” dan label kva di hide |  |