## PROGRAM DEFINITION

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

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * LMM\_STAFF | RW |

## RELATED PROGRAMS

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

## ROLES

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

## INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Get Property List [PROPERTY\_LIST]:   EXEC RSP\_GS\_GET\_PROPERTY\_LIST Login CCOMPANY\_ID  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID |  |

## USER INTERFACE



## BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Add * Button Modify * Button Delete * Button Activate/InActive * Button Move * Button Upload * Button Template   Button download template excel untuk kebutuhan upload Staff |  |

## DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Staff List [STAFF\_LIST]   EXEC RSP\_LM\_GET\_STAFF\_LIST @CCOMPANY\_ID, @CPROPERTY\_ID, @CUSER\_LOGIN\_ID   * Display data [STAFF\_LIST]:   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked   + "Staff Id"     - Textbox     - Display = CSTAFF\_ID     - VARCHAR(20)   + "Staff Name"     - Textbox     - Display = CSTAFF\_NAME     - NVARCHAR(100)   + "Department"     - Textbox     - Display = CDEPT\_NAME   + "Position"     - Textbox     - Display = CPOSITION\_DESCR   + "Mobile No (1)"     - Textbox     - Display = CMOBILE\_PHONE1     - VARCHAR(30)   + "Email Address"     - Textbox     - Display = CEMAIL     - VARCHAR(100)   + "Gender"     - Textbox     - Display = CGENDER\_DESCR   + "Updated By"     - Textbox     - Display = CUPDATE\_BY   + "Updated Date"     - Textbox     - Display = DUPDATE\_DATE   + "Created By"     - Textbox     - Display = CCREATE\_BY   + "Created Date"     - Textbox     - Display = DCREATE\_DATE |  |
| * Load Selected Staff   EXEC RSP\_LM\_GET\_STAFF\_DETAIL @CCOMPANY\_ID, @CPROPERTY\_ID, @CUSER\_LOGIN\_ID, @CSTAFF\_ID   * + "Staff Id"     - Textbox     - Display = CSTAFF\_ID, CSTAFF\_NAME     - VARCHAR(20), NVARCHAR(100)     - Mandatory   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - Default = [0] Unchecked     - Disabled   + "Department\*"     - Lookup     - Display = CDEPT\_CODE     - VARCHAR(20)     - Value = GSL00700 – Department Lookup   With Parameter:   * + - * Company Id       * User Login Id   + "Position"     - Combobox     - Display = CPOSITION     - Value =   SELECT \* FROM RFT\_GET\_GSB\_CODE\_INFO ('BIMASAKTI', 'Login Company Id', '\_LM\_STAFF\_POSITION', '', 'Login Language Id')   * + - * 01: Superior       * 02: Staff   + "Join Date"     - Datetime Picker     - Display = CJOIN\_DATE     - Default Value = Today Date   + "Supervisor"     - Lookup     - Display = CSUPERVISOR     - VARCHAR(20)     - Enable IF CPOSITION = 02: Staff     - Value = LML00300 – Supervisor Lookup   With Parameter:   * + - * Company Id       * Selected Property Id       * Selected CDEPT\_CODE       * User Login Id   + "Email Address\*"     - Textbox     - Display = CEMAIL     - VARCHAR(100)     - Mandatory   + "Mobile No (1)\*"     - Textbox     - Display = CMOBILE\_PHONE1     - VARCHAR(30)     - Mandatory   + "Mobile No (2)"     - Textbox     - Display = CMOBILE\_PHONE2     - VARCHAR(30)   + "Gender"     - Radio Button     - Display = CGENDER     - Value =   SELECT \* FROM RFT\_GET\_GSB\_CODE\_INFO ('SIAPP', 'Login Company Id', '\_GENDER', '', 'Login Language Id')   * + - * F : Female       * M: Male   + "Address"     - Textbox     - Display = CADDRESS     - NVARCHAR(255)   + "Inactive Date"     - Textbox     - Display = DINACTIVE\_DATE     - Datetime Picker     - Disabled     - For Add Process set Today Date and Disabled   + "Inactive Note"     - Textbox     - Display = CINACTIVE\_NOTE     - NVARCHAR(255)     - Enable IF LACTIVE = 0 |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Modify"🡪 Go to EDIT PROCES         + "Delete"🡪 Go to DELETE PROCESS |  |

## ADD NEW PROCESS

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

## MODIFY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Staff Id" Id, "Active", "Inactive Date" * Set focus to column: "Staff Id" Name |  |
| * Validation IF change CPOSITION from [02] Staff into [01] Supervisor * Jalankan GFF00900 – Activity Approval dengan parameter:   CACTION\_CODE = 'LMM06502'  If Success then go to Save / Cancel Process |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

## DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * DELETE PROCESS   EXEC RSP\_LM\_MAINTAIN\_STAFF  "Login Company Id"  , "Selected Property Id"  , "Staff Id" Id  , "Staff Id" Name  , "Active"  , "Department\*"  , "Position"  , "Join Date"  , "Supervisor"  , "Email Address\*"  , "Mobile No (1)\*"  , "Mobile No (2)"  , "Gender"  , "Address"  , "Inactive Date"  , "Inactive Note"  , "DELETE"  , Login User Id |  |

## SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Staff   EXEC RSP\_LM\_MAINTAIN\_STAFF  "Login Company Id"  , "Selected Property Id"  , "Staff Id" Id  , "Staff Id" Name  , "Active"  , "Department\*"  , "Position"  , "Join Date"  , "Supervisor"  , "Email Address\*"  , "Mobile No (1)\*"  , "Mobile No (2)"  , "Gender"  , "Address"  , "Inactive Date"  , "Inactive Note"  , CACTION [ADD / EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

## CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Staff List |  |

## ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Jalankan GFF00900 – Activity Approval dengan parameter:   CACTION\_CODE = 'LMM06501'   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_LM\_ACTIVE\_INACTIVE\_STAFF  Login Company Id  , "Selected Property Id"  , "Staff Id"  , Flag Active [True] / [False]  , Login User Id |  |

## TEMPLATE PROCESS

### USER INTERFACE

**OUTPUT FILE:**



|  |  |
| --- | --- |
|  | **Test** |
| Generate Template Process (Create excel file)   * Atur data yang akan didownload dengan detail sebagai berikut:   + StaffId   + StaffName   + Active   + Department   + Position   + Join Date   + Supervisor   + EmailAddress   + MobileNo1   + MobileNo2   + Gender   + Address   + InActiveDate   + InactiveNote |  |
| * 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: Staff + “ CPROPERTY\_ID”.xls” |  |

## 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 Staff. * “**P**rocess” – Untuk melakukan proses import data – data yang ada di List Load Staff. * “**C**ancel” – Untuk keluar dari program Load Floor dan kembali ke program Staff List. |  |

### OUTPUT

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

### ROLES

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

### 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 Staff (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 Staff.   **[CR02]**   * + - ~~Jika textbox kosong disabled tombol “Load”.~~     - ~~Jika textbox berisi enabled tombol “Load”.~~     - ~~Set Focus ke tombol “Load”.~~ |  |
| **[CR02]**   * Tampilkan tanda “Process Loading…” – Modal Windows. |  |
| **[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]**   * ~~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 #STAFF~~   + ~~Jalankan RSP\_LM\_VALIDATE\_UPLOAD\_STAFF~~     - ~~CCOMPANY\_ID = Login Company Id~~     - ~~CPROPERTY\_ID = Selected Property Id~~     - ~~@USER\_ID = [Login User].[CUSER\_ID]~~     - ~~@KEY\_GUID = [Auto Generated Key GUID]~~ |  |
| **~~[CR02]~~**   * ~~If error not found~~   + ~~Get Data dari File Excel~~     - ~~Jika Error Not Found~~       * ~~Baca Database untuk Get data master Staff~~   ~~SELECT \* FROM LMM\_STAFF (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 LMM\_STAFF match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1~~ |  |
| **~~[CR02]~~**   * ~~Jika terdapat error data, tampilkan kedalam Grid seperti contoh dibawah~~ |  |



|  |  |
| --- | --- |
| **[CR04]** | **~~Test~~** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~StaffId~~   + ~~StaffName~~   + ~~Active~~   + ~~Department~~   + ~~Position~~   + ~~Join Date~~   + ~~Supervisor~~   + ~~EmailAddress~~   + ~~MobileNo1~~   + ~~MobileNo2~~   + ~~Gender~~   + ~~Address~~   + ~~InActiveDate~~   + ~~InactiveNote~~   + ~~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: Staff\_Error + “ CPROPERTY\_ID”.xls”~~ |  |

### ~~LOAD PROCESS~~

|  |  |
| --- | --- |
|  | **~~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 Staff~~   ~~SELECT \* FROM LMM\_STAFF (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 LMM\_STAFF match maka set Var\_Exists = 1 else 0, Var\_Selected = 0 else 1, Var\_Overwrite = 0~~ |  |
| * ~~Jalankan “~~**~~DISPLAY PROCESS~~**~~”~~ |  |

### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR04]**  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 #STAFF  CREATE TABLE #STAFF(NO INT  , StaffId VARCHAR(500)  , StaffName NVARCHAR(500)  , Active BIT  , Department VARCHAR(20)  , Position VARCHAR(2)  , JoinDate VARCHAR(8)  , Supervisor VARCHAR(500)  , EmailAddress NVARCHAR(500)  , MobileNo1 VARCHAR(30)  , MobileNo2 VARCHAR(30)  , Gender VARCHAR(2)  , Address NVARCHAR(500)  , InActiveDate DATETIME  , InactiveNote NVARCHAR(255)  ) |  |
| * Tampilkan data List of Load Staff   + Definisi Fields:     - “No“       * Textbox       * Generate running number     - “Staff Id”       * Textbox     - “Staff Name”       * Textbox     - “Active”       * Checkbox     - “Department”       * Textbox     - “Position”       * Textbox     - “Join Date”       * Textbox     - “Supervisor”       * Textbox     - “Email Address”       * Textbox     - “Mobile No 1”       * Textbox     - “Mobile No 2”       * Textbox     - “Address”       * Textbox     - “InActive Date”       * Textbox     - “Inactive Note”       * Textbox   **[CR04]**   * + - “Valid”       * Textbox (Y/N)     - “Notes”       * Textbox |  |
| **[CR04]**   * ~~Jika List of Load Staff 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~~ * Set Total Row(s) = Number of DTO Count * Set Valid=’’ * Set Invalid=’’ |  |

### 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 #STAFF   * + Jalankan RSP\_LM\_UPLOAD\_STAFF     - 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~~   **[CR04]** Jumlah Progress Bar: 15 Step  **[CR04]**   * IF VAR\_RESULT.IERROR\_COUNT=0   + Display message ‘Staff 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 STAFF 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 Staff List |  |

## MOVE PROCESS

### USER INTERFACE

**[CR01]**





### DISPLAY PROCESS

|  |  |
| --- | --- |
| **[CR01]** | **Test** |
| * Get Supervisor [Supervisor]:   + "Old Supervisor"     - "Supervisor Id"     - Lookup     - Field = CSUPERVISOR - CSUPERVISOR\_NAME     - Value = LML00300 – Supervisor Lookup   With Parameter:   * + - * + Login Company Id         + Selected Property Id         + ~~Dept Code = ‘’ [kosongkan]~~         + Login User Id     - "Department"     - Textbox     - Field = CDEPT\_CODE – CDEPT\_NAME     - Value from Lookup Supervisor Id   + "New Supervisor"     - "Supervisor Id"     - Lookup     - Field = CSUPERVISOR - CSUPERVISOR\_NAME     - Value = LML00300 – Supervisor Lookup   With Parameter:   * + - * + Login Company Id         + Selected Property Id         + ~~Dept Code = ‘’ [kosongkan]~~         + Login User Id     - "Department"     - Textbox     - Field = CDEPT\_CODE – CDEPT\_NAME     - Value from Lookup Supervisor Id   Validasi Old dan New Supervisor tidak boleh sama |  |
| * Load Staff List   EXEC RSP\_LM\_GET\_STAFF\_BY\_SUPERVISOR\_LIST @CCOMPANY\_ID, @CPROPERTY\_ID, [Old Supervisor Id] @CUSER\_LOGIN\_ID   * + Selected     - Checkbox     - Field = LSELECTED   + "Staff Id"     - Textbox     - Field = CSTAFF\_ID   + "Staff Name"     - Textbox     - Field = CSTAFF\_NAME |  |

### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR01]**   * Warning jika Old Supervisor dan New Supervisor berbeda department   IF "Old Supervisor".CDEPTCODE <> "New Supervisor".CDEPTCODE  “Staff department will be replacing with department from New Supervisor, are you want to process?” YES/NO  IF Yes, go to Save Staff Move  IF No, back to Move Display |  |
| * Save Staff Move   Insert Selected Staff ke dalam RDT\_TENANT\_LIST  **[CR03]**  CREATE TABLE #STAFF\_LIST (CSTAFF\_ID VARCHAR(20)  )  ~~DECLARE @CSTAFF\_LIST AS RDT\_TENANT\_LIST~~    INSERT INTO ~~@CSTAFF\_LIST~~ #STAFF\_LIST (Selected Staff)  EXEC RSP\_LM\_MOVE\_STAFF  "Login Company Id"  , "Property Id"  , Old "Supervisor" Id  , New "Supervisor" Id  , Login User Id  ~~, @CSTAFF\_LIST~~  **[CR03]** |  |
| * Go to DISPLAY PROCESS |  |

### CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Staff List |  |

## ERROR CODE / WARNING MESSAGE DEFINITION

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

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| **CR01**  **RE, 23 June 2023** | * Perubahan untuk button move |  |
| **CR02**  **RE, 4 July 2023** | * Menambahkan SP validasi Upload Staff |  |
| **CR03**  **RE, 1 August 2023** | * Menambahkan jumlah progress bar pada process upload * Mengubah RDT\_COMMON\_OBJECT jadi temp table |  |
| **CR04**  **RE, 4 Sept 2023** | * Mengubah process Upload |  |