## PROGRAM DEFINITION

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|  |
| * This program is used to maintain Salesman |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * LMM\_SALESMAN | RW |

## RELATED PROGRAMS

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

## ROLES

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

## INITIAL PROCESS

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| --- | --- |
|  | **Test** |
| * Get Property List [PROPERTY\_LIST]:   EXEC RSP\_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 Upload * Button Template   Button download template excel untuk kebutuhan upload Salesman |  |

## DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Salesman List [SALESMAN\_LIST]   EXEC RSP\_LM\_GET\_SALESMAN\_LIST @CCOMPANY\_ID, @CPROPERTY\_ID, @CUSER\_LOGIN\_ID   * Display data [SALESMAN\_LIST]:   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked   + "Salesman Id"     - Textbox     - Display = CSALESMAN\_ID     - VARCHAR(20)   + "Salesman Name"     - Textbox     - Display = CSALESMAN\_NAME     - NVARCHAR(100)   + "Gender"     - Textbox     - Display = CGENDER\_DESCR   + "Mobile No (1)"     - Textbox     - Display = CMOBILE\_PHONE1     - VARCHAR(30)   + "Mobile No (2)"     - Textbox     - Display = CMOBILE\_PHONE2     - VARCHAR(30)   + "Email Address"     - Textbox     - Display = CEMAIL     - VARCHAR(100)   + "Last Updated By"     - Textbox     - Display = CUPDATE\_BY   + "Last Updated Date"     - Textbox     - Display = DUPDATE\_DATE   + "Created By"     - Textbox     - Display = CCREATE\_BY   + "Created Date"     - Textbox     - Display = DCREATE\_DATE |  |
| * Load Selected Salesman   EXEC RSP\_LM\_GET\_SALESMAN\_DETAIL @CCOMPANY\_ID, @CPROPERTY\_ID, @CUSER\_LOGIN\_ID, @CSALESMAN\_ID   * + "Salesman Id"     - Textbox     - Display = CSALESMAN\_ID, CSALESMAN\_NAME     - VARCHAR(20), NVARCHAR(100)     - Mandatory   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - Default = [0] Unchecked   + "Address\*"     - Textbox     - Display = CADDRESS     - NVARCHAR(255)     - Mandatory   + "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)   + "NIK"     - Textbox     - Display = CID\_NO     - NVARCHAR(40)   + "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   + "Salesman Type"     - Radio Button     - Display = CSALESMAN\_TYPE     - Value =   SELECT \* FROM RFT\_GET\_GSB\_CODE\_INFO ('SIAPP', 'Login Company Id', '\_BS\_SALESMAN\_TYPE', '', 'Login Language Id')   * + - * I: Internal       * E: External   + "Company Name\*"     - Textbox     - Display = CEXT\_COMPANY\_NAME     - NVARCHAR(100)     - Mandatory |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Modify"🡪 Go to EDIT PROCESS         + "Delete"🡪 Go to DELETE PROCESS |  |

## ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Set focus to column: "Salesman" |  |
| * 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: "Salesman Id" Id, "Active", "Last Update By", "Last Update Date" * Set focus to column: "Salesman Id" 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\_LM\_MAINTAIN\_SALESMAN  "Login Company Id"  , "Selected Property Id"  , "Salesman Id" Id  , "Salesman Id" Name  , "Active"  , "Address\*"  , "Email Address\*"  , "Mobile No (1)\*"  , "Mobile No (2)"  , "NIK"  , "Gender"  , "Salesman Type"  , "Company Name"  , "DELETE"  , Login User Id |  |

## SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Salesman   EXEC RSP\_LM\_MAINTAIN\_SALESMAN  "Login Company Id"  , "Selected Property Id"  , "Salesman Id" Id  , "Salesman Id" Name  , "Active"  , "Address\*"  , "Email Address\*"  , "Mobile No (1)\*"  , "Mobile No (2)"  , "NIK"  , "Gender"  , "Salesman Type"  , "Company Name"  , CACTION [ADD / EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

## CANCEL PROCESS

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

## ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation: * Jalankan RSP\_ACTIVITY\_VALIDITY {Login Company ID}, 'LMM02001'   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 = 'LMM02001'  @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 = 'LMM02001'  @P\_CREFERENCE\_NO = CCOMPANY\_ID  @P\_CREFERENCE\_INFO = CCOMPANY\_ID + ‘|’ + hasil detail action  @P\_DAPPROVAL\_DATE = @ActiveDate  @P\_CAPPROVAL\_USER\_ID = {Return User Id}  @P\_CACTIVITY\_USER\_ID = {Login user Id}  @P\_CREASON\_CODE = ''  @P\_CAPPROVAL\_NOTE = @ACTION\_DETAIL   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_LM\_ACTIVE\_INACTIVE\_SALESMAN  Login Company Id  , "Selected Property Id"  , "Salesman Id"  , Flag Active [True] / [False]  , Login User Id |  |

## TEMPLATE PROCESS

### USER INTERFACE

**~~OUTPUT FILE:~~**

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|  |  |
| --- | --- |
| **[CR01]** | **~~Test~~** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~SalesmanId~~   + ~~SalesmanName~~   + ~~Address~~   + ~~Active~~   + ~~NonActiveDate~~   + ~~EmailAddress~~   + ~~MobileNo1~~   + ~~MobileNo2~~   + ~~NIK~~   + ~~Gender~~ |  |
| * ~~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: Salesman + “ CPROPERTY\_ID”.xls”~~ |  |
| * Download Salesman File from Server * Tampilkan file directory untuk user melakukan save as |  |

## UPLOAD PROCESS

### USER INTERFACE



### BUTTON DEFINITION

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

### OUTPUT

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

### 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 Salesman (Read Only).   + Unchecked “Overwrite the existing records” Checkbox.   + Disabled semua button.   + Enabled button Open File Explorer.   + Enabled button Process & Cancel.   + Set Focus pada Textbox “Source File (Excel)”. |  |

### BROWSE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Keluarkan windows File Explorer, filter hanya menampilkan file-file Ms-Excel saja. * Tunggu respon dari user yang memilih file Ms-Excel yang dikehendaki. |  |
| * Jika user sudah memilih pada windows File Explorer, lakukan:   + Isi Full path directory dan nama file berikut extension file ke dalam textbox “Source File (Excel)”.   + Jalankan Lost Focus textbox “Source File (Excel)”.     - Clear isi List Load Salesman.   **[CR01]**   * + - ~~Jika textbox kosong disabled tombol “Load”.~~     - ~~Jika textbox berisi enabled tombol “Load”.~~     - ~~Set Focus ke tombol “Load”.~~ |  |
| **[CR01]**   * 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. |  |
| **[CR01]**   * 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 #SALESMAN   CREATE TABLE #SALESMAN(NO INT  , SalesmanId VARCHAR(8)  , SalesmanName NVARCHAR(100)  , Active BIT  , NonActiveDate VARCHAR(8)  , Address NVARCHAR(255)  , EmailAddress VARCHAR(100)  , MobileNo1 VARCHAR(30)  , MobileNo2 VARCHAR(30)  , NIK NVARCHAR(40)  , Gender VARCHAR(2)  , SalesmanType VARCHAR(2)  , CompanyName VARCHAR(20)  )   * + Jalankan RSP\_LM\_VALIDATE\_UPLOAD\_SALESMAN     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID] |  |

### ~~FILE FORMAT~~

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### ~~LOAD PROCESS~~

|  |  |
| --- | --- |
| **[CR01]** | **~~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 Salesman~~   ~~SELECT \* FROM LMM\_SALESMAN (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\_SALESMAN 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 Salesman   + Definisi Fields:     - “Selected”       * Checkbox       * Var\_Selected     - “Salesman Id”       * Textbox     - “Salesman Name”       * Textbox     - “Address”       * Textbox     - “Active” = Checkbox     - “Non Active Date” = Textbox     - “Email Address”       * Textbox     - “Mobile No 1”       * Textbox     - “Mobile No 2”       * Textbox     - “NIK”       * Textbox     - “Gender”       * Textbox     - “Salesman Type”       * Textbox     - “Company Name”       * Textbox     - Hidden(Var\_Exists)     - Hidden(Var\_Overwrite)   + Font Beri Warna Merah jika Var\_Exists = 1   + Read Only List of Load Floor   + Enabled Column “Selected”   + Column “Selected”.InteractiveChange()     - Update satu current record Var\_Selected = Iif(Chekbox.”Selected”.Checked, 1, 0) |  |
| * Jika List of Load Salesmane ada isinya   + Checked “Overwrite the existing records” Checkbox     - Jika Checkbox “Overwrite the existing” berubah nilai, Update semua record Var\_Overwrite = Iif(Checkbox.”Overwrite the existing”.Checked, 1, 0)   + Enabled Process button, Cancel button |  |

### PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan pesan konfirmasi “Are you sure want to import data?” dengan tombol “Yes” dan “No” * Jika “Yes”   Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #SALESMAN   * + Jalankan RSP\_LM\_UPLOAD\_SALESMAN     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]     - @Var\_Overwrite = Flag Overwrite   Jika terdapat error data, tampilkan kedalam pop-up Grid seperti contoh dibawah |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |



|  |  |
| --- | --- |
|  | **Test** |
| Generate Template Process (Create excel file)   * Atur data yang akan didownload dengan detail sebagai berikut:   + SalesmanId   + SalesmanName   + Address   + Active   + NonActiveDate   + EmailAddress   + MobileNo1   + MobileNo2   + NIK   + Gender   + SalesmanType   + CompanyName   + 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: Salesman\_Error + “ CPROPERTY\_ID”.xls” |  |

### CANCEL PROCESS

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

## ERROR CODE / WARNING MESSAGE DEFINITION

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

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| **CR02**  **RE, 12 July 2023** | * Menambahakn file untuk download template dan validasi saat upload |  |
|  |  |  |