## PROGRAM DEFINITION

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

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * GSM\_CENTER * GSM\_DEPARTMENT | RW  R |

## RELATED PROGRAMS

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

## ROLES

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

## INITIAL PROCESS

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

## TAB - CENTER

### USER INTERFACE

**[CR01]**





### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * Button Upload * Button Copy From * Button Active/Inactive |  |

### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Center List [CENTER\_LIST]   EXEC RSP\_GS\_GET\_CENTER\_LIST @CCOMPANY\_ID, @CUSER\_LOGIN\_ID   * Display data [CENTER\_LIST]:   + "Center Code"     - Textbox     - Display = CCENTER\_CODE     - VARCHAR(8)     - Mandatory   + "Center Name"     - Textbox     - Display = CCENTER\_NAME     - NVARCHAR(80)     - Mandatory   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - ~~Default Value = [1] Checked~~     - Default Value – [0] Unchecked     - Disabled   + **[CR01]**~~"Last Update By"~~ "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + **[CR01]**~~"Last Update Date"~~ "Updated Date"     - Textbox     - Display = DUPDATE\_DATE     - Value = Today Date     - Disabled   + **[CR01]**"Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + **[CR01]**"Created Date"     - Textbox     - Display = DCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to EDIT 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: "Center Code" |  |
| * 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: "Center Code", "Active", "Last Update By", "Last Update Date" * Set focus to column: "Center 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\_CENTER  "Login Company Id"  , "Center Code"  , "Center Name"  , "Active"  , "DELETE"  , Login User Id |  |

### SAVE & VALIDATION PROCESS

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

### CANCEL PROCESS

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

### ACTIVATE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * ~~Validation:~~ * ~~Jalankan RSP\_ACTIVITY\_VALIDITY {Login Company ID}, 'GSM01501'~~   ~~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 = 'GSM01501'~~  ~~@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 = 'GSM01501'~~  ~~@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 = 'GSM01501'   * Jika success, jalankan process ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_CENTER  Login Company Id  , Selected "Center Code"  , Flag Active [True] / [False] 🡪 jika button Active kirim [1] True / jika button Inactive kirim [0] False  , Login User Id |  |

### COPY FROM PROCESS



|  |  |
| --- | --- |
|  | **Test** |
| Display List Company:  SELECT A.CCOMPANY\_ID, B.CCOMPANY\_NAME FROM GSM\_COMPANY A (NOLOCK)  INNER JOIN SAM\_COMPANIES B (NOLOCK) ON A.CCOMPANY\_ID = B.CCOMPANY\_ID  WHERE A.LPRIMARY\_ACCOUNT = 1 --[TRUE]   * + "Company Id"     - Textbox     - Display = CCOMPANY\_ID     - VARCHAR(8)     - Mandatory   + "Company Name"     - Textbox     - Display = CCENTER\_NAME     - NVARCHAR(80)     - Mandatory |  |
| **[CR01]** Validasi From Company ada data Center nya atau tidak  IF NOT EXISTS(SELECT TOP 1 1 FROM GSM\_CENTER (NOLOCK)  WHERE CCOMPANY\_ID = '[From Company Id]')  Tampilkan message **"There’s no center to copy, please select another Company", OK**  **[CR01]** |  |
| On Selected Company Id, set into @CCOPY\_FROM\_COMPANY\_ID  SAVE COPY FROM PROCESS:  EXEC RSP\_GS\_COPY\_CENTER  @CLOGIN\_COMPANY\_ID  @CCOPY\_FROM\_COMPANY\_ID  @CUSER\_LOGIN\_ID |  |
| Go To Display Process |  |

### TEMPLATE PROCESS

#### ~~USER INTERFACE~~

~~~~

|  |  |
| --- | --- |
| **[CR02]** | **~~Test~~** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~CenterCode~~   + ~~CenterName~~ |  |
| * ~~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: Center + “ COMPANY\_ID”.xls”~~ |  |
| * Download Journal Group File from Server * Tampilkan file directory untuk user melakukan save as |  |

### UPLOAD PROCESS

#### USER INTERFACE:

**[CR02]**



#### 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 SAKTI Web. * Load – untuk menampilkan file MS-Excel yang dipilih ke dalam list of Load Center. * Process – untuk melakukan proses import data – data yang ada di list of Load Center. |  |

#### OUTPUT

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

#### ROLES

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

#### INITIAL PROCESS

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| --- | --- |
|  | **Test** |
| * Load Form:  1. Textbox "Company" (Read Only) isi dengan Login Company Id + Login Company Name. 2. Kosongkan "Source File (Excel)" Textbox. 3. Kosongkan list of Load Center (Read Only). 4. Unchecked "Overwrite the existing records" Checkbox. 5. Disabled semua button. 6. Enabled button Open File Explorer. 7. Enabled button Process & Cancel 8. Set Focus pada Textbox "Source File (Excel)". |  |

#### "Open File Explorer" 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. |  |
| * Isi Full path directory dan nama file berikut extension file ke dalam textbox "Source File (Excel)". * Jalankan Lost Focus textbox "Source File (Excel)".   + Textbox.Source File (Excel)     - Lost Focus: Clear isi list of Load Center.   **[CR02]**   * + - ~~Jika textbox kosong disabled tombol "Load".~~     - ~~Jika textbox berisi enabled tombol "Load".~~ * Enabled tombol "Load". * Set Focus ke tombol "Load". |  |
| **[CR02]**   * Validasi extension File harus “xlsx”. Jika tidak tampilkan pesan “File Type must Microsoft Excel .xlsx”, Ok. * Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok. |  |
| **[CR02]**   * Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table #CENTER   + Jalankan RSP\_VALIDATE\_UPLOAD\_GSM\_CENTER     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID] |  |
| **[CR02]**   * Simpan semua data didalam file excel kedalam temporary table   + #CENTERS     - CCOMPANY\_ID = [Login User].[CCOMPANY\_ID]; VARCHAR(8)     - CCENTER\_CODE = “Excel File”.CENTERCODE; VARCHAR(8)     - CCENTER\_NAME = “Excel File”.CENTERNAME; VARCHAR(40)     - LACTIVE = “Excel File”.ACTIVE; BIT     - NONACTIVE\_DATE = “Excel File”.NONACTIVE\_DATE; VARCHAR(8)     - LEXIST = 0; BIT * Jalankan Sql Statement berikut untuk update field LEXIST:   + **UPDATE A SET A.LEXIST = 1**   + **FROM #CENTERS A WHERE EXISTS (SELECT TOP 1 1 FROM GSM\_CENTER B WHERE B.CCOMPANY\_ID = A.CCOMPANY\_ID AND B.CCENTER\_CODE = A.CCENTER\_CODE)** |  |

#### "~~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 - Throw Exception.~~ * ~~Validasi apakah file ada isinya? Jika kosong tampilkan pesan "File is empty", Ok - Throw Exception.~~ |  |
| **~~Load Process~~**   * ~~Simpan semua data didalam file excel kedalam temporary table~~    + ~~#CENTERS~~     - ~~CCOMPANY\_ID = [Login User].[CCOMPANY\_ID]; VARCHAR(8)~~     - ~~CCENTER\_CODE = “Excel File”.CENTER\_CODE; VARCHAR(8)~~     - ~~CCENTER\_NAME = “Excel File”.CENTER\_NAME; VARCHAR(40)~~     - ~~LEXIST = 0; BIT~~ * ~~Jalankan Sql Statement berikut untuk update field LEXIST:~~   + **~~UPDATE A SET A.LEXIST = 1~~**   + **~~FROM #CENTERS A WHERE EXISTS (SELECT TOP 1 1 FROM GSM\_CENTER B WHERE B.CCOMPANY\_ID = A.CCOMPANY\_ID AND B.CCENTER\_CODE = A.CCENTER\_CODE)~~** |  |
| * ~~Jalankan "~~**~~DISPLAY PROCESS~~**~~"~~ |  |

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **Field Definition**   * “Center Code”   + Field: [#CENTERS].[CCENTER\_CODE]   + Label   + Set Font Color:     - Jika [#CENTERS].[LEXIST] = 1 set Font Color = “Red”     - Jika [#CENTERS].[LEXIST] = 0 set Font Color = “Black” * “Center Name”   + Field: [#CENTERS].[CCENTER\_NAME]   + Label   **[CR02]**   * “Active”   + Field: [#CENTERS].[ACTIVE]   + Label * “NonActiveDate”   + Field: [#CENTERS].[NONACTIVE\_DATE]   + Label   **[CR02]**   * “Notes”   + Field: CNOTES   + Label |  |
| * “Override the existing records”   + Field: [LOVERWRITE]   + Checkbox   + Enable   + Value: Checked = 1, Unchecked = 0 |  |
| * Enable button “Process” dan “Cancel”   + “Process” : Onclick menjalankan “Upload Data 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 #CENTER   CREATE TABLE #CENTERS (  SeqNo INT,  CCENTER\_CODE VARCHAR(15),  CCENTER\_NAME NVARCHAR(40),  ACTIVE BIT,  NONACTIVE\_DATE VARCHAR(8)  )   * + Jalankan RSP\_UPLOAD\_GSM\_CENTER     - CCOMPANY\_ID = [Login Company].[COMPANY\_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 |  |
| * Jalankan “**DISPLAY PROCESS**” |  |



|  |  |
| --- | --- |
|  | **Test** |
| Generate Template Process (Create excel file)   * Atur data yang akan didownload dengan detail sebagai berikut:   + CenterCode   + CenterName   + 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: Center\_Error + “ COMPANY\_ID”.xls” |  |

## TAB - DEPARTMENT

### USER INTERFACE



### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Department List [CENTER\_DEPT\_LIST]   EXEC RSP\_GS\_GET\_CENTER\_DEPT\_LIST @CCOMPANY\_ID, @CCENTER\_CODE, @CUSER\_LOGIN\_ID   * Display data [DEPT\_LIST]:   + "Department Code"     - Textbox     - Display = CDEPT\_CODE     - VARCHAR(8)   + " Department Name"     - Textbox     - Display = CDEPT\_NAME     - NVARCHAR(80) |  |

## ERROR CODE / WARNING MESSAGE DEFINITION

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

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| **CR01**  **26 June 2023** | * Menambahkan informasi Created Date, Created By * Menambahkan validasi untuk copy from Center |  |
| **CR02**  **11 July 2023** | * Menambahkan template untuk download dan validasi upload |  |
|  |  |  |