## PROGRAM DEFINITION

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| --- |
|  |
| * This program is used to maintain Statistic Account |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * GSM\_COA | RW |

## RELATED PROGRAMS

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

## ROLES

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

## INITIAL PROCESS

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

## STATISTIC ACCOUNT

### USER INTERFACE



### BUTTON DEFINITION

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

### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Account List [ACCOUNT\_LIST]   EXEC RSP\_GS\_GET\_STATISTIC\_ACCOUNT\_LIST @CCOMPANY\_ID, @CUSER\_LOGIN\_ID   * Display data [ACCOUNT\_LIST]:   + "Account No"     - Textbox     - Display = CGLACCOUNT\_NO     - VARCHAR(20)     - Mandatory   + "Account Name"     - Textbox     - Display = CGLACCOUNT\_NAME     - NVARCHAR(60)     - Mandatory   + "BS/IS"     - Combobox     - Display = CBSIS     - Value =   SELECT CCODE, CDESCRIPTION FROM RFT\_GET\_GSB\_CODE\_INFO  ('BIMASAKTI', [Login Company Id], '\_BSIS\_LONG', '', [Login Language Id])   * + - Default Value = [B] Balance Sheet   + "D/C"     - Combobox     - Display = CDBCR     - Value =   SELECT CCODE, CDESCRIPTION FROM RFT\_GET\_GSB\_CODE\_INFO  ('BIMASAKTI', [Login Company Id], '\_DBCR\_LONG', '', [Login Language Id])   * + - Default Value = [D] Debit   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - **[CR06]** Default Value = [1] Checked   + **[CR03]** "~~Last~~ Update By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + **[CR03]** "~~Last~~ Update Date"     - Textbox     - Display = DUPDATE\_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: "Account 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: "Account No.", "Active", "Last Update By", "Last Update Date" * Set focus to column: "Account Name" |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

### DELETE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = DELETE |  |
| * Validation:   Account No. not in used in Journal Transaction |  |
| * DELETE PROCESS   EXEC RSP\_GS\_MAINTAIN\_STATISTIC\_ACCOUNT  "Login Company Id"  , "Account No"  , "Account Name"  , "BS/IS"  , "D/C"  , "Active"  , "DELETE"  , Login User Id |  |

### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation:   + Account Name cannot be Empty   + Duplicate Account No. |  |
| **[CR06]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM08501'  IF Success, jalankan Save Statistic Account Process, IF Failed, stay on Add/Edit Process   * Save COA   EXEC RSP\_GS\_MAINTAIN\_STATISTIC\_ACCOUNT  "Login Company Id"  , "Account No"  , "Account Name"  , "BS/IS"  , "D/C"  , "Active"  , CACTION [ADD / EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

### CANCEL PROCESS

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

### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Jalankan GFF00900 – Activity Approval dengan parameter:   CACTION\_CODE = 'GSM08501'   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_STATISTIC\_ACCOUNT  Login Company Id  , Selected "Account No."  , 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:  **[CR05]**  ~~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]~~  EXEC RSP\_GS\_GET\_PRIMARY\_COMPANY\_LIST [Login User Id]  **[CR05/]**   * + "Company Id"     - Textbox     - Display = CCOMPANY\_ID     - VARCHAR(8)     - Mandatory   + "Company Name"     - Textbox     - Display = CCOMPANY\_NAME     - NVARCHAR(80)     - Mandatory   On Selected Company Id, set into @CCOPY\_FROM\_COMPANY\_ID  SAVE COPY FROM PROCESS:  EXEC RSP\_GS\_COPY\_STATISTIC\_ACCOUNT  @CLOGIN\_COMPANY\_ID  @CCOPY\_FROM\_COMPANY\_ID  @CUSER\_ID |  |
| Go To Display Process |  |

### 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:~~   + ~~AccountNo~~   + ~~AccountName~~   + ~~BS/IS~~   + ~~D/C~~   + ~~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: STATISTIC\_ACCOUNT + “ COMPANY\_ID”.xls”~~ |  |
| * Download Statistic Account 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 SAKTI Web. * Load – untuk menampilkan file MS-Excel yang dipilih ke dalam list of Load Statistic Account. * Process – untuk melakukan proses import data – data yang ada di list of Load Statistic Account. |  |

#### OUTPUT

|  |  |
| --- | --- |
|  | **Test** |
| * Data pada table master Statistic Account. |  |

#### ROLES

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

#### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **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 Statistic Account (Read Only). 4. **[CR04]** ~~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 Statistic Account .   **[CR01]**   * + - ~~Jika textbox kosong disabled tombol "Load".~~     - ~~Jika textbox berisi enabled tombol "Load".~~ * 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. |  |
| **[CR05]**  **[~~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 #STATISTIC\_ACCOUNT~~   ~~CREATE TABLE #STATISTIC\_ACCOUNT(NO INT~~  ~~, CCOMPANY\_ID VARCHAR(8)~~  ~~, CGLACCOUNT\_NO VARCHAR(20)~~  ~~, CGLACCOUNT\_NAME NVARCHAR(60)~~  ~~, CBSIS VARCHAR(2)~~  ~~, CDBCR VARCHAR(2)~~  ~~, LACTIVE BIT~~  ~~, NonActiveDate VARCHAR(8)~~  ~~, LEXIST BIT~~  ~~)~~   * + ~~Jalankan RSP\_GS\_VALIDATE\_UPLOAD\_STATISTIC\_ACCOUNT~~     - ~~CCOMPANY\_ID = Login Company Id~~     - ~~@USER\_ID = [Login User].[CUSER\_ID]~~     - ~~@KEY\_GUID = [Auto Generated Key GUID]~~ * ~~Jalankan Sql Statement berikut untuk update field LEXIST:~~   **~~UPDATE A SET A.LEXIST = 1~~**  **~~FROM #COA A WHERE EXISTS (SELECT TOP 1 1 FROM GSM\_COA B WHERE B.CCOMPANY\_ID = A.CCOMPANY\_ID AND B.CGLACCOUNT\_NO = A.CGLACCOUNT\_NO~~**  **~~AND A.CGLACCOUNT\_TYPE = ‘S’)~~** |  |

#### "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 - 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~~    + ~~#STATISTIC\_ACCOUNT~~     - ~~CCOMPANY\_ID = [Login User].[CCOMPANY\_ID]; VARCHAR(8)~~     - ~~CGLACCOUNT\_NO = “Excel File”.CGLACCOUNT\_NO ; VARCHAR(20)~~     - ~~CGLACCOUNT\_NAME = “Excel File”.CGLACCOUNT\_NAME ; NVARCHAR(60)~~     - ~~CBSIS = “Excel File”.CBSIS ; VARCHAR(2)~~     - ~~CDBCR = “Excel File”.CDBCR ; VARCHAR(2)~~     - ~~LACTIVE = “Excel File”.LACTIVE ; BIT~~     - ~~NonActiveDate = “Excel File”.NonActiveDate ; VARCHAR(8)~~     - ~~LEXIST = 0; BIT~~ * ~~Jalankan Sql Statement berikut untuk update field LEXIST:~~   + **~~UPDATE A SET A.LEXIST = 1~~**   + **~~FROM #STATISTIC\_ACCOUNT A WHERE EXISTS (SELECT TOP 1 1 FROM GSM\_COA B WHERE B.CCOMPANY\_ID = A.CCOMPANY\_ID AND B.CGLACCOUNT\_NO = A.CGLACCOUNT\_NO AND A.CGLACCOUNT\_TYPE = ‘S’)~~** |  |
| * ~~Jalankan "~~**~~DISPLAY PROCESS~~**~~"~~ |  |

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **Field Definition**  **[CR04]**   * “No“   + Textbox   + Generate running number * “GL Account”   + Field: [#STATISTIC\_ACCOUNT].[CGLACCOUNT\_NO ]   + Label   + Set Font Color:     - Jika [#STATISTIC\_ACCOUNT].[LEXIST] = 1 set Font Color = “Red”     - Jika [#STATISTIC\_ACCOUNT].[LEXIST] = 0 set Font Color = “Black” * “GL Account Name”   + Field: [#STATISTIC\_ACCOUNT].[CGLACCOUNT\_NAME]   + Label * “BS/IS”   + Field: [#STATISTIC\_ACCOUNT].[CBSIS]   + Label * “D/C”   + Field: [#STATISTIC\_ACCOUNT].[CDBCR]   + Label * “Active”   + Field: [#STATISTIC\_ACCOUNT].[LACTIVE]   + Label * “Notes”   + Field: CNOTES   + Label |  |
| **[CR04]**   * “~~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" COPY BULK DATA LIST kedalam temporary table #STATISTIC\_ACCOUNT   CREATE TABLE #STATISTIC\_ACCOUNT(NO INT  , CCOMPANY\_ID VARCHAR(8)  , CGLACCOUNT\_NO VARCHAR(20)  , CGLACCOUNT\_NAME NVARCHAR(60)  , CBSIS VARCHAR(2)  , CDBCR VARCHAR(2)  , LACTIVE BIT  , NonActiveDate VARCHAR(8)  ~~, LEXIST BIT~~  )   * + Jalankan RSP\_GS\_UPLOAD\_STATISTIC\_ACCOUNT     - CCOMPANY\_ID = [Login Company].[COMPANY\_ID]     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]     - **[CR04]**~~@Var\_Overwrite = Flag Overwrite~~   **[CR02]** Jumlah Progress Bar:7 Step  **[CR04]**   * IF VAR\_RESULT.IERROR\_COUNT=0   + Display message ‘Statistic Account 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 STATISTIC\_ACCOUNT 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~~ |  |
| * Jalankan “**DISPLAY PROCESS**” |  |



|  |  |
| --- | --- |
|  | **Test** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~AccountNo~~   + ~~AccountName~~   + ~~BS/IS~~   + ~~D/C~~   + ~~Active~~   + ~~NonActiveDate~~   + ~~Notes~~ |  |
| * ~~Create File Excel dan isinya~~ |  |
| * ~~Tampilkan file directory untuk user melakukan save as~~ |  |
| * ~~Note:~~   + ~~Buat file browser untuk pilih lokasi download~~   + ~~Generate Excel File~~ * ~~Tentukan format file, contoh: ERROR\_STATISTIC\_ACCOUNT + “ COMPANY\_ID”.xls”~~ |  |

### PRINT PROCESS

#### USER INTERFACE



#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Print Parameter   + From Account     - Lookup     - Display = CFROM\_GLACCOUNT\_NO     - Value = **GSL00510 – COA LOOKUP**   With parameter:  'Login Company Id'  , 'GL ACCOUNT TYPE' 🡪 ‘S’  , 'CUSER\_ID' = Login User Id   * + To Account     - Lookup     - Display = CTO\_GLACCOUNT\_NO     - Value = **GSL00510 – COA LOOKUP**   With parameter:  'Login Company Id'  , 'GL ACCOUNT TYPE' 🡪 ‘S’  , 'CUSER\_ID' = Login User Id   * + "Account Category"     - "Balance Sheet"       * Checkbox       * Field = LBALANCE\_SHEET       * Value = [0] Unchecked / [1] Checked       * Default = Unchecked     - "Income Statement"       * Checkbox       * Field = LINCOME\_STATEMENT       * Value = [0] Unchecked / [1] Checked       * Default = Unchecked   + "Short By"     - Radio Button     - Field = CSHORT\_BY     - Value =       * [01] Account No       * [02] Account Name   + "Print Inactive Account"     - Checkbox     - Field = LPRINT\_INACTIVE     - Value = [0] Unchecked / [1] Checked     - Default = Unchecked   + "Output To"     - Radio Button     - Field: [PARAM\_OUTPUT]       * 1 = Screen (Default)       * 2 = Printer     - Output’s Button       * Properties         + Membuka property printer       * OK         + Validasi:   IF "From Account" kosong tampilkan pesan  “Please select From Account”  IF "To Account" kosong tampilkan pesan  “Please select To Account”  Menjalankan proses “Print” dengan parameter:  [Login User].[CCOMPANY\_ID]  CGL\_ACCOUNT\_FROM  CGL\_ACCOUNT\_TO  LBALANCE\_SHEET  LINCOME\_STATEMENT  CSHORT\_BY  LPRINT\_INACTIVE |  |
| * Jalankan SP untuk process Print:   RSP\_LM\_PRINT\_STATISTIC\_ACCOUNT  [Login User].[CCOMPANY\_ID]  , CGL\_ACCOUNT\_FROM  , CGL\_ACCOUNT\_TO  , LBALANCE\_SHEET  , LINCOME\_STATEMENT  , CSHORT\_BY  , LPRINT\_INACTIVE  , CUSER\_LOGIN\_ID   * Result:   + CCOMPANY\_ID   + CGL\_ACCOUNT\_NO   + CGL\_ACCOUNT\_NAME   + CBSIS   + CDBCR   + LACTIVE |  |

#### PRINT LAYOUT



|  |  |
| --- | --- |
|  | **Test** |
| * Print Statistic Account   + "Account No"     - Textbox     - Field = CGL\_ACCOUNT\_NO   + "Account Name"     - Textbox     - Field = CGL\_ACCOUNT\_NAME   + "Category"     - Textbox     - Field = CBSIS - CDBCR   + "Active"     - Textbox     - Field = LACTIVE |  |

## ERROR CODE / WARNING MESSAGE DEFINITION

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

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| **CR01**  **RE, 13 July 2023** | * Nenambahkan file download template dan RSP validasi upload |  |
| **CR02**  **RE, 1 August 2023** | * Menambahkan jumlah progress bar pada process upload |  |
| **CR03**  **RE, 11 August 2023** | * Mengubah Last Updated 🡪 Updated |  |
| **CR04**  **RE, 7 Sept 2023** | * Mengubah process upload |  |
| **CR05**  **RE, 20 Sept 2023** | * Mengubah query manual ke SP |  |
| **CR06**  **RE. 16 Okt 2023** | * Mengubah default flag Active = true dan saat save “add” baca Activitiy Approval |  |