## PROGRAM DEFINITION

|  |
| --- |
|  |
| * This program is used to maintain Chart of Account |

## RELATED TABLES

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

## RELATED PROGRAMS

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

## ROLES

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

## INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * ~~Get Property List [PROPERTY\_LIST]:~~   ~~EXEC RSP\_GET\_PROPERTY\_LIST Login CCOMPANY\_ID~~  ~~Set Value : CPROPERTY\_NAME~~  ~~As Parameter: CPROPERTY\_ID~~ |  |
| **[CR02]**  Get @LPRIMARY\_ACCOUNT  DECLARE @LPRIMARY\_ACCOUNT BIT  **[CR08]**  ~~SELECT @LPRIMARY\_ACCOUNT = LPRIMARY\_ACCOUNT FROM GSM\_COMPANY (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [Login Company Id]~~  SET @LPRIMARY\_ACCOUNT  EXEC RSP\_GS\_GET\_COMPANY\_INFO [Login Company Id]  **[CR08/]** |  |
| **[CR02]**   * Check ke Company Parameter   IF EXISTS(SELECT TOP 1 1 FROM GSM\_COMPANY (NOLOCK)  WHERE CCOMPANY\_ID = [Login Company Id]  AND LPRIMARY\_ACCOUNT = 1)  Disabled Button: Copy From  ELSE  Disabled Button: Template, Upload  Disabled function: Add, Delete  Edit only enabled for: User Restriction, Center Restriction, Cashflow |  |

## TAB – CHART OF ACCOUNT

### TAB – Chart of Account

#### USER INTERFACE

**[CR05]**





#### BUTTON DEFINITION

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

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load CoA List [COA\_LIST]   EXEC RSP\_GS\_GET\_COA\_LIST @CCOMPANY\_ID, @CUSER\_LOGIN\_ID   * Display data [COA\_LIST]:   + "Account No"     - Textbox     - Display = CGLACCOUNT\_NO     - VARCHAR(20)     - Mandatory     - **[CR02]** Enable IF @LPRIMARY\_ACCOUNT = 1   + "Account Name"     - Textbox     - Display = CGLACCOUNT\_NAME     - NVARCHAR(60)     - Mandatory     - **[CR02]** Enable IF @LPRIMARY\_ACCOUNT = 1   + "BS/IS"     - Combobox     - Display = CBSIS     - Value =       * B – Balance Sheet       * I – Income Statement     - Default Value = [B] Balance Sheet     - **[CR02]** Enable IF @LPRIMARY\_ACCOUNT = 1   + "D/C"     - Combobox     - Display = CDBCR     - Value =       * D – Debit       * C – Credit     - Default Value = [D] Debit     - **[CR02]** Enable IF @LPRIMARY\_ACCOUNT = 1   + "Active"     - Checkbox     - Display = LACTIVE     - Value = [1] Checked / [0] Unchecked     - **[CR09]**Default Value = [1] Checked     - **[CR02]** Disabled (Value Changes from Button Active/Inactive)   + "User Restriction"     - Checkbox     - Display = LCENTER\_RESTR     - Value = [1] Checked / [0] Unchecked     - Default Value = [0] Unchecked   + "Center Restriction"     - Checkbox     - Display = LUSER\_RESTR     - Value = [1] Checked / [0] Unchecked     - Default Value = [0] Unchecked   + "Cash Flow"     - Lookup     - Display = CCASH\_FLOW\_NAME     - Field = CCASH\_FLOW\_CODE     - Value =   Onclick button lookup: Run **GSL01500 – Cash Flow Lookup**  Simpan CCASH\_FLOW\_GROUP\_CODE, CCASH\_FLOW\_CODE   * + **[CR05]** ~~"Last Update By"~~ "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + **[CR05]** ~~"Last Update Date"~~ "Updated Date"     - Textbox     - Display = DUPDATE\_DATE     - Value = Today Date     - Disabled |  |
| * Load Selected GL Account   **[CR08]**  ~~SELECT CGLACCOUNT\_NO, CGLACCOUNT\_NAME FROM GSM\_COA (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login Company Id'~~  ~~AND CGLACCOUNT\_NO = 'Selected GL Account'~~  EXEC RSP\_GS\_GET\_COA\_DETAIL [Login Company Id], [Selected GL Account], [Login User Id]  **[CR08/]**   * + "Account"     - Textbox     - Display = CGLACCOUNT\_NO, CGLACCOUNT\_NAME     - VARCHAR(20), VARCHAR(100) * Load GoA List   **[CR08]**  ~~SELECT A.CGOA\_CODE, B.CGOA\_NAME, A.CUPDATE\_BY, A.DUPDATE\_DATE FROM GSM\_GOA\_COA A (NOLOCK)~~  ~~INNER JOIN GSM\_GOA B ON A.CCOMPANY\_ID = B.CCOMPANY\_ID AND A.CGOA\_CODE = B.CGOA\_CODE~~  ~~WHERE A.CCOMPANY\_ID = 'Login Company Id'~~  ~~AND A.CGLACCOUNT\_NO = 'Selected GL Account'~~  EXEC RSP\_GS\_GET\_GOA\_BY\_COA\_LIST [Login Company Id], [Selected GL Account], [Login User Id]  **[CR08/]**   * Display data [GOA\_LIST]:   + "Group of Account"     - Textbox     - Display = CGOA\_CODE     - VARCHAR(20)   + "Group of Account Name"     - Textbox     - Display = CGOA\_NAME     - VARCHAR(100)   + **[CR05]** ~~"Last Update By"~~ "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + **[CR05]** ~~"Last Update Date"~~ "Updated 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: "Center 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\_COA  "Login Company Id"  , "Account No"  , "Account Name"  , "BS/IS"  , "D/C"  , "Active"  , "User Restriction"  , "Center Restriction"  , "Cash Flow Group" Code  , "Cash Flow" Code  , "DELETE"  , Login User Id |  |

#### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Validation:   + Account Name cannot be Empty   + Duplicate Account No.   **[CR09]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'GSM01001'  IF Success, jalankan Save COA Process, IF Failed, stay on Add/Edit Process |  |
| * Save COA   EXEC RSP\_GS\_MAINTAIN\_COA  "Login Company Id"  , "Account No"  , "Account Name"  , "BS/IS"  , "D/C"  , "Active"  , "User Restriction"  , "Center Restriction"  , "Cash Flow Group" Code  , "Cash Flow" Code  , CACTION [ADD / EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

#### CANCEL PROCESS

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

#### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
| **[CR05]** | **Test** |
| * ~~Validation:~~ * ~~Jalankan RSP\_ACTIVITY\_VALIDITY {Login Company ID}, 'GSM01001'~~   ~~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 = 'GSM01001'~~  ~~@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 = 'GSM01001'~~  ~~@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 = 'GSM01001'   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_GS\_ACTIVE\_INACTIVE\_COA  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



|  |  |
| --- | --- |
| **[CR01]** | **Test** |
| Display List Company:  **[CR08]**  ~~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]  **[CR08/]**   * + "Company Id"     - Textbox     - Display = CCOMPANY\_ID     - VARCHAR(8)     - Mandatory   + "Company Name"     - Textbox     - Display = CCENTER\_NAME     - NVARCHAR(80)     - Mandatory   On Selected Company Id, set into @CCOPY\_FROM\_COMPANY\_ID  SAVE COPY FROM PROCESS:  EXEC RSP\_GS\_COPY\_COA  @CLOGIN\_COMPANY\_ID  @CCOPY\_FROM\_COMPANY\_ID  @CUSER\_ID |  |
| Go To Display Process |  |

#### TEMPLATE PROCESS

##### ~~USER INTERFACE~~

**~~OUTPUT FILE:~~**

~~~~

|  |  |
| --- | --- |
| **[CR03]** | **~~Test~~** |
| ~~Generate Template Process (Create excel file)~~   * ~~Atur data yang akan didownload dengan detail sebagai berikut:~~   + ~~AccountNo~~   + ~~AccountName~~   + ~~BS/IS~~   + ~~D/C~~   + ~~Active~~   + ~~UserRestriction~~   + ~~CenterRestriction~~   + ~~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: COA + “ COMPANY\_ID”.xls”~~ |  |
| * Download Chart of Account File from Server * Tampilkan file directory untuk user melakukan save as |  |

#### UPLOAD PROCESS

##### USER INTERFACE

**[CR07]**





##### 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 COA. * Process – untuk melakukan proses import data – data yang ada di list of Load COA. |  |

##### OUTPUT

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

##### 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 COA (Read Only). 4. **[CR07]** ~~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 COA.   **[CR03]**   * + - ~~Jika textbox kosong disabled tombol "Load".~~     - ~~Jika textbox berisi enabled tombol "Load".~~ * ~~Enabled tombol "Load".~~ * ~~Set Focus ke tombol "Load".~~ |  |
| **[CR03]**   * 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. |  |
| **[CR07]**   * ~~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 #COA~~   ~~CREATE TABLE #COA(NO INT~~  ~~, CCOMPANY\_ID VARCHAR(8)~~  ~~, CGLACCOUNT\_NO VARCHAR(20)~~  ~~, CGLACCOUNT\_NAME NVARCHAR(60)~~  ~~, CBSIS VARCHAR(2)~~  ~~, CDBCR VARCHAR(2)~~  ~~, LACTIVE BIT~~  ~~, LCENTER\_RESTR BIT~~  ~~, LUSER\_RESTR BIT~~  ~~, LEXIST BIT~~  ~~, NonActiveDate VARCHAR(8)~~  ~~)~~   * + ~~Jalankan RSP\_GS\_VALIDATE\_UPLOAD\_COA~~     - ~~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 )~~** |  |

##### ~~"Load" PROCESS~~

|  |  |
| --- | --- |
| **[CR03]** | **~~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~~    + ~~#COA~~     - ~~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~~     - ~~LCENTER\_RESTR = “Excel File”.LCENTER\_RESTR ; BIT~~     - ~~LUSER\_RESTR = “Excel File”.LUSER\_RESTR ; 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 #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 )~~** |  |
| * ~~Jalankan "~~**~~DISPLAY PROCESS~~**~~"~~ |  |

##### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR07]**  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 #COA  CREATE TABLE #COA(NO INT  , CCOMPANY\_ID VARCHAR(8)  , CGLACCOUNT\_NO VARCHAR(100)  , CGLACCOUNT\_NAME NVARCHAR(200)  , CBSIS VARCHAR(2)  , CDBCR VARCHAR(2)  , LACTIVE BIT  , LCENTER\_RESTR BIT  , LUSER\_RESTR BIT  , NonActiveDate VARCHAR(8)  ) |  |
| **Field Definition**  **[CR07]**   * “No“   + Textbox   + Generate running number * GL Account”   + Field: [#COA].[CGLACCOUNT\_NO ]   + Label   + Set Font Color:     - Jika [#COA].[LEXIST] = 1 set Font Color = “Red”     - Jika [#COA].[LEXIST] = 0 set Font Color = “Black” * “GL Account Name”   + Field: [#COA].[CGLACCOUNT\_NAME]   + Label * “BS/IS”   + Field: [#COA].[CBSIS]   + Label * “D/C”   + Field: [#COA].[CDBCR]   + Label * “Active”   + Field: [#COA].[LACTIVE]   + Label * “User Restriction”   + Field: [#COA].[ LUSER\_RESTR]   + Label * “Center Restriction”   + Field: [#COA].[ LCENTER\_RESTR]   + Label   **[CR07]**   * “Valid”   + Textbox (Y/N) * “Notes”   + Field: CNOTES   + Label |  |
| **[CR07]**   * ~~“Overwite 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 #COA   CREATE TABLE #COA(NO INT  , CCOMPANY\_ID VARCHAR(8)  , CGLACCOUNT\_NO VARCHAR(100)  , CGLACCOUNT\_NAME NVARCHAR(200)  , CBSIS VARCHAR(2)  , CDBCR VARCHAR(2)  , LACTIVE BIT  , LCENTER\_RESTR BIT  , LUSER\_RESTR BIT  , LEXIST BIT  , NonActiveDate VARCHAR(8)  )   * + Jalankan RSP\_GS\_UPLOAD\_COA     - CCOMPANY\_ID = [Login Company].[COMPANY\_ID]     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]     - [CR07] ~~@Var\_Overwrite = Flag Overwrite~~   **[CR07]** Jumlah Progress Bar: 11 Step  **[CR07]**   * IF VAR\_RESULT.IERROR\_COUNT=0   + Display message ‘COA 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 COA 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   **[CR07\]** |  |
| * 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~~   + ~~UserRestriction~~   + ~~CenterRestriction~~   + ~~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\_COA + “ COMPANY\_ID”.xls”~~ |  |

#### PRINT PROCESS

##### User Interface



##### DISPLAY PROCESS

|  |  |
| --- | --- |
| **[CR01]** | **Test** |
| * Print Parameter   + From Account     - Lookup     - Display = CFROM\_GLACCOUNT\_NO     - Value = **GSL00500 – GL ACCOUNT (COA) LOOKUP**   With parameter:  'Login Company Id'  'Selected Property Id' 🡪 dikosongkan  'CPROGRAM\_CODE' 🡪 GSM01000  'CBSIS' 🡪 dikosongkan  'CDBCR' 🡪 dikosongkan  'LCENTER\_RESTR' = 0  'LUSER\_RESTR' = 0  'CUSER\_ID' = Login User Id  'CCENTER\_CODE' 🡪 dikosongkan  'CUSER\_LANGUAGE' = User Login Language Id   * + To Account     - Lookup     - Display = CTO\_GLACCOUNT\_NO     - Value = **GSL00500 – GL ACCOUNT (COA) LOOKUP**   With parameter:  'Login Company Id'  'Selected Property Id' 🡪 dikosongkan  'CPROGRAM\_CODE' 🡪 GSM01000  'CBSIS' 🡪 dikosongkan  'CDBCR' 🡪 dikosongkan  'LCENTER\_RESTR' = 0  'LUSER\_RESTR' = 0  'CUSER\_ID' = Login User Id  'CCENTER\_CODE' 🡪 dikosongkan  'CUSER\_LANGUAGE' = User Login Language 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   + "Print User Restriction"     - Checkbox     - Field = LPRINT\_USER\_RESTRICT     - Value = [0] Unchecked / [1] Checked     - Default = Unchecked   + "Print Center Restriction"     - Checkbox     - Field = LPRINT\_CENTER\_RESTRICT     - 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  LPRINT\_USER\_RESTRICT  LPRINT\_CENTER\_RESTRICT |  |
| * Jalankan SP untuk process Print:   RSP\_LM\_PRINT\_COA  [Login User].[CCOMPANY\_ID]  , CGL\_ACCOUNT\_FROM  , CGL\_ACCOUNT\_TO  , LBALANCE\_SHEET  , LINCOME\_STATEMENT  , CSHORT\_BY  , LPRINT\_INACTIVE  , LPRINT\_USER\_RESTRICT  , LPRINT\_CENTER\_RESTRICT  , CUSER\_LOGIN\_ID   * Result:   + CCOMPANY\_ID   + CGL\_ACCOUNT\_NO   + CGL\_ACCOUNT\_NAME   + CBSIS   + CDBCR   + CCASH\_FLOW\_CODE   + CCASH\_FLOW\_NAME   + LACTIVE   + CUSER\_NAME\_LIST   + CCENTER\_NAME\_LIST |  |

##### PRINT LAYOUT



|  |  |
| --- | --- |
|  | **Test** |
| * Print COA   + "Account No"     - Textbox     - Field = CGL\_ACCOUNT\_NO   + "Account Name"     - Textbox     - Field = CGL\_ACCOUNT\_NAME   + "Category"     - Textbox     - Field = CBSIS - CDBCR   + "Cash Flow"     - Textbox     - Field = CCASH\_FLOW\_CODE - CCASH\_FLOW\_NAME   + "Active"     - Textbox     - Field = LACTIVE   Detail   * + "User"     - Textbox     - Field = CUSER\_NAME\_LIST   + "Center"     - Textbox     - Field = CCENTER\_NAME\_LIST |  |

### TAB - USER

#### USER INTERFACE

**[CR05]**





#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * This Tab Enable IF   IF EXISTS(SELECT TOP 1 1 FROM GSM\_COA (NOLOCK)  WHERE CCOMPANY\_ID = [Login Company Id]  AND CGLACCOUNT\_NO = [Selected GL Account]  AND LUSER\_RESTR = 1)  ELSE Disabled |  |
| * Header GL Account:   EXEC RSP\_GS\_GET\_COA\_DETAIL @CCOMPANY\_ID, @Selected GL Account, @CUSER\_LOGIN\_ID   * + "GL Account"     - Textbox     - Display = CGL\_ACCOUNT\_NO = CGL\_ACCOUNT\_NAME     - VARCHAR(20), VARCHAR(100)     - Disabled |  |
| EXEC RSP\_GS\_GET\_COA\_USER\_LIST @CCOMPANY\_ID, @Selected GL Account   * Display data [COA\_USER\_LIST]:   + "User Id"     - Textbox     - Display = CUSER\_ID     - VARCHAR(8)   + "User Name"     - Textbox     - Display = CUSER\_NAME     - NVARCHAR(80)   + **[CR05]** ~~"Last Update By"~~ "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + **[CR05]** ~~"Last Update Date"~~ "Updated Date"     - Textbox     - Display = DUPDATE\_DATE     - Value = Today Date     - Disabled |  |

#### ASSIGN USER

##### DISPLAY PROCESS

**[CR06]**



**[CR01]**



|  |  |
| --- | --- |
|  | **Test** |
| Get User List  **[CR08]**  ~~SELECT CUSER\_ID, CUSER\_NAME FROM SAM\_USER A (NOLOCK)~~  ~~WHERE~~  ~~NOT EXISTS(SELECT TOP 1 1 FROM~~  ~~GSM\_COA\_USER B (NOLOCK)~~  ~~WHERE B.CCOMPANY\_ID = Login Company Id~~  ~~AND A.CUSER\_ID = B.CUSER\_ID~~  ~~AND A.CGL\_ACCOUNT = [Selected GL Account])~~  EXEC RSP\_GS\_GET\_LOOKUP\_USER\_LIST [Login Company Id], 'GSM01000', [Selected GL Account]  **[CR08]**   * Display data [COA\_USER\_LIST]:   + Checkbox     - Checked Selected field   + "User Id"     - Textbox     - Display = CUSER\_ID     - VARCHAR(8)   + "User Name"     - Textbox     - Display = CUSER\_NAME     - NVARCHAR(80) |  |
| * Go to DISPLAY PROCESS |  |

##### ASSIGN PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Assign Proses   **[CR06]**  ~~INSERT INTO GSM\_COA\_USER~~  ~~VALUES ([Login Company Id], [Selected Account No.], [Selected User Id], Login User Id, GETDATE(), Login User Id, GETDATE())~~  EXEC RSP\_GS\_ASSIGN\_COA\_USER 'Login Company Id','Selected GL Account','User List','User Login Id'  Notes: Parameter User List in coma separator  Example: 'IB,RE,SG,RYC'  **[\CR06]** |  |

### TAB - CENTER

#### USER INTERFACE

**[CR05]**





#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * This Tab Enable IF   IF EXISTS(SELECT TOP 1 1 FROM GSM\_COA (NOLOCK)  WHERE CCOMPANY\_ID = [Login Company Id]  AND CGLACCOUNT\_NO = [Selected GL Account]  AND LCENTER\_RESTR = 1)  ELSE Disabled |  |
| * Header GL Account:   EXEC RSP\_GS\_GET\_COA\_DETAIL @CCOMPANY\_ID, @Selected GL Account, @CUSER\_LOGIN\_ID   * + "GL Account"     - Textbox     - Display = CGL\_ACCOUNT\_NO = CGL\_ACCOUNT\_NAME     - VARCHAR(20), VARCHAR(100)     - Disabled |  |
| EXEC RSP\_GS\_GET\_COA\_CENTER\_LIST @CCOMPANY\_ID, @CGL\_ACCOUNT\_NO   * Display data [COA\_USER\_LIST]:   + "Center Code"     - Textbox     - Display = CCENTER\_CODE     - VARCHAR(8)   + "Center Name"     - Textbox     - Display = CCENTER\_NAME     - NVARCHAR(80)   + **[CR05]** ~~"Last Update By"~~ "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + **[CR05]** ~~"Last Update Date"~~ "Updated Date"     - Textbox     - Display = DUPDATE\_DATE     - Value = Today Date     - Disabled |  |

#### ASSIGN CENTER

##### USER INTERFACE

**[CR06]**



**[CR01]**



##### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| Get Center List  **[CR08]**  ~~SELECT CCENTER\_CODE, CCENTER\_NAME FROM GSM\_CENTER A (NOLOCK)~~  ~~WHERE A.CCOMPANY\_ID = [Login Company Id]~~  ~~AND NOT EXISTS(SELECT TOP 1 1 FROM~~  ~~GSM\_COA\_CENTER B (NOLOCK)~~  ~~WHERE A.CCOMPANY\_ID = B.CCOMPANY\_ID~~  ~~AND A.CCENTER\_CODE = B.CCENTER\_CODE~~  ~~AND A.CGL\_ACCOUNT = [Selected GL\_ACCOUNT])~~  EXEC RSP\_GS\_GET\_LOOKUP\_CENTER\_LIST [Login Company Id], 'GSM01000', [Selected GL Account]  **[CR08/]**   * Display data [COA\_CENTER\_LIST]:   + Checkbox     - Checked Selected field   + "Center Code"     - Textbox     - Display = CCENTER\_CODE   + "Center Name"     - Textbox     - Display = CCENTER\_NAME |  |
| * Go to DISPLAY PROCESS |  |

##### ASSIGN PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Assign Proses   **[CR06]**  ~~INSERT INTO GSM\_COA\_CENTER~~  ~~VALUES ([Login Company Id], [Selected GL Account], [Selected Center Code], Login User Id, GETDATE(), Login User Id, GETDATE())~~    EXEC RSP\_GS\_ASSIGN\_COA\_CENTER 'Login Company Id','Selected GL Account','Center List','User Login Id'  Notes: Parameter Center List in coma separator  Example: 'C001,C002,C003'  **[\CR06]** |  |

## TAB – GROUP OF ACCOUNT

### USER INTERFACE

**[CR05]**





### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * On Click tab – GOA,   IF NOT EXISTS(SELECT TOP 1 1 FROM GSM\_GOA (NOLOCK)  WHERE CCOMPANY\_ID = [Selected Login Company Id]  )  EXEC RSP\_GS\_ADD\_GOA Login @CCOMPANY\_ID, @CUSER\_ID |  |

### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| Display Group of Account List  EXEC RSP\_GS\_GET\_GOA\_LIST @CCOMPANY\_ID   * Display data [GOA\_LIST]:   + "Group of Account"     - Textbox     - Display = CGOA\_CODE     - VARCHAR(20)   + "Group of Account Name"     - Textbox     - Display = CGOA\_NAME     - NVARCHAR(80)   + "BS/IS"     - Textbox     - Display = CBSIS     - Value =       * B – Balance Sheet       * I – Income Statement   + "D/C"     - Textbox     - Display = CDBCR     - Value =       * D – Debit       * C – Credit   + **[CR05]** ~~"Last Update By"~~ "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + **[CR05]** ~~"Last Update Date"~~ "Updated Date"     - Textbox     - Display = DUPDATE\_DATE     - Value = Today Date     - Disabled |  |
| * "Group of Account"   + Textbox   + Display = [CGOA\_CODE] [CGOA\_NAME]   Display Chart of Account List  EXEC RSP\_GS\_GET\_GOA\_COA\_LIST @CCOMPANY\_ID, @CGOA\_CODE   * Display data [GOA\_LIST]:   + "Account No"     - Textbox     - Display = CGLACCOUNT\_NO     - VARCHAR(20)     - Mandatory   + "Account Name"     - Textbox     - Display = CGLACCOUNT\_NAME     - NVARCHAR(60)     - Mandatory   + "BS/IS"     - Textbox     - Display = CBSIS     - Value =       * B – Balance Sheet       * I – Income Statement   + "D/C"     - Textbox     - Display = CDBCR     - Value =       * D – Debit       * C – Credit   + **[CR05]** ~~"Last Update By"~~ "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + **[CR05]** ~~"Last Update Date"~~ "Updated Date"     - Textbox     - Display = DUPDATE\_DATE     - Value = Today Date     - Disabled |  |

### ASSIGN COA

#### USER INTERFACE

**[CR06]**



**[CR01]**



#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| Get COA List  **[CR08]**  ~~SELECT CGL\_ACCOUNT\_NO, CGL\_ACCOUNT\_NAME FROM GSM\_COA A (NOLOCK)~~  ~~WHERE A.CCOMPANY\_ID = [Login Company Id]~~  ~~AND NOT EXISTS(SELECT TOP 1 1 FROM~~  ~~GSM\_GOA\_COA B (NOLOCK) ON A.CCOMPANY\_ID = B.CCOMPANY\_ID~~  ~~AND A.CGL\_ACCOUNT\_NO = B.CGL\_ACCOUNT\_NO)~~  EXEC RSP\_GS\_GET\_LOOKUP\_COA\_LIST [Login Company Id], 'GSM01000'  **[CR08/]**   * Display data [COA\_ LIST]:   + Checkbox     - Checked Selected field   + "Account No"     - Textbox     - Display = CGLACCOUNT\_NO   + "Account Name"     - Textbox     - Display = CGLACCOUNT\_NAME |  |
| * Go to DISPLAY PROCESS |  |

#### ASSIGN PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Assign Proses   **[CR06]**  ~~INSERT INTO GSM\_GOA\_COA~~  ~~VALUES ([Login Company Id], [Selected COA Code], [Selected Account No.], Login User Id, GETDATE(), Login User Id, GETDATE())~~    EXEC RSP\_GS\_ASSIGN\_GOA\_COA 'Login Company Id','Selected GOA Code','GL Account List','User Login Id'  Notes: Parameter GL Account List in coma separator  Example: '10.50.1000, 10.99.69691, 10.99.69692'  **[\CR06]** |  |

### PRINT PROCESS

#### User Interface



#### DISPLAY PROCESS

|  |  |
| --- | --- |
| **[CR01]** | **Test** |
| * Print Parameter   + From Group of Account     - Lookup     - Display = CFROM\_GOA\_CODE     - Value = **GSL00550 – GOA LOOKUP**   With parameter:  'Login Company Id'     * + To Group of Account     - Lookup     - Display = CTO\_GOA\_CODE     - Value = **GSL00550 – GOA LOOKUP**   With parameter:  'Login Company Id'   * + "Group of 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] Group of Account No       * [02] Group of Account Name   + "Print Account"     - Checkbox     - Field = LPRINT\_GL\_ACCOUNT     - Value = [0] Unchecked / [1] Checked     - Default = Unchecked   IF Checked, enabled:   * + - "Print Inactive Account"       * Checkbox       * Field = LPRINT\_INACTIVE\_ACCOUNT       * 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]  CGOA\_CODE\_FROM  CGOA\_CODE\_TO  LBALANCE\_SHEET  LINCOME\_STATEMENT  CSHORT\_BY  LPRINT\_GL\_ACCOUNT  LPRINT\_INACTIVE |  |
| * Tipe Kertas: Landscape A4 * Jalankan SP untuk process Print:   RSP\_LM\_PRINT\_GOA  [Login User].[CCOMPANY\_ID]  , CGOA\_CODE\_FROM  , CGOA\_CODE\_TO  , LBALANCE\_SHEET  , LINCOME\_STATEMENT  , CSHORT\_BY  , LPRINT\_GL\_ACCOUNT  , LPRINT\_INACTIVE  , CUSER\_LOGIN\_ID   * Result:   + CCOMPANY\_ID   + CGOA\_CODE   + CGOA\_NAME   + CGOA\_BSIS   + CGOA\_DBCR   + CGL\_ACCOUNT\_NO   + CGL\_ACCOUNT\_NAME   + CBSIS   + CDBCR   + CCASH\_FLOW\_CODE   + CCASH\_FLOW\_NAME   + LACTIVE |  |

#### PRINT LAYOUT



|  |  |
| --- | --- |
|  | **Test** |
| * Print GOA   + "Code"     - Textbox     - Field = CGOA\_CODE   + "Name"     - Textbox     - Field = CGOA\_NAME   + "Category"     - Textbox     - Field = CGOA\_BSIS – CGOA\_DBCR   IF LPRINT\_GL\_ACCOUNT 1  Detail   * + - "Code"       * Textbox       * Field = CGL\_ACCOUNT\_NO     - Name"       * Textbox       * Field = CGL\_ACCOUNT\_NAME     - " Category "       * Textbox       * Field = CBSIS – CDBCR     - "Cash Flow"       * Textbox       * Field = CCASH\_FLOW\_CODE - CCASH\_FLOW\_NAME     - "Active"       * Textbox       * Field = LACTIVE |  |

## ERROR CODE / WARNING MESSAGE DEFINITION

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

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| **CR01**  **RE, 12 May 2023** | * Penambahan process:   + Copy From, Print COA, Print GOA * Penambahan UX untuk assign User, Center, dan COA |  |
| **CR02**  **RE, 4 July 2023** | * Menambahkan validasi untuk button dengan primary Account True / False |  |
| **CR03**  **RE, 12 July 2023** | * Menambahkan validasi RSP untuk upload dan file untuk download Template |  |
| **CR04**  **RE, 1 August 2023** | * Menambahkan jumlah progress bar pada process upload |  |
| **CR05**  **RE, 12 August 2023** | * Mengubah Last Updated 🡪 Updated Date / By |  |
| **CR06**  **RE, 24 August 2023** | * Mengubah assign User, Center, dan COA (multiple assignment) |  |
| **CR07**  **RE, 10 Sept 2023** | * Mengubah process upload |  |
| **CR08**  **RE, 19 Sept 2023** | * Mengubah query manual ke SP |  |
| **CR09**  **RE. 16 Okt 2023** | * Mengubah default flag Active = true dan saat save “add” baca Activitiy Approval |  |