## PROGRAM DEFINITION

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| --- |
|  |
| * This program is used to maintain Invoice Group |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
|  | RW  R |

## RELATED PROGRAMS

|  |  |
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|  | **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 |  |

## TAB – GENERAL INFO

### TAB - GENERAL INFO

#### USER INTERFACE



#### BUTTON DEFINITION

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

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Invoice Group List   **[CR02]**  ~~SELECT CINVGRP\_CODE, CINVGRP\_NAME FROM LMM\_INVGRP (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login Company Id' AND CPROPERTY\_ID = [Selected Property Id]~~  EXEC RSP\_LM\_GET\_INVOICE\_GROUP\_LIST 'Login Company Id', [Selected Property Id], [Login User Id]  **[CR02/]**   * + "Invoice Group"     - Textbox     - Field = CINVGRP\_CODE - CINVGRP\_NAME     - Disabled |  |
| Load Invoice Group [INVOICE\_GROUP]  EXEC RSP\_LM\_GET\_INVOICE\_GROUP @CCOMPANY\_ID, @CPROPERTY\_ID, @CINVGRP\_CODE, @CUSER\_LOGIN\_ID   * Display data [INVOICE\_GROUP]:   + "Invoice Group\*"     - Textbox     - Display = CINVGRP\_CODE, CINVGRP\_NAME     - VARCHAR(8), NVARCHAR(100)     - Mandatory   + "Process Seq"     - Textbox     - Display = CSEQUENCE     - Numeric Input Only   + "Active" Flag     - Checkbox     - Display = LACTIVE     - Value = [0] Unchecked / [1] Checked     - **[CR03]** Default Value = ~~[0] Unchecked~~ [1] Checked   + "Invoice Due Mode"     - Radio Button     - Display = CINVOICE\_DUE\_MODE     - Value =       * 01 – Tenant       * 02 – Invoice Group   If "Invoice Due Mode" = Invoice Group, enable:   * + "Invoice Group Mode"     - Radio Button     - Display = CINVOICE\_GROUP\_MODE     - Value =       * [01] Due Days         + "Due Days"   Textbox  Display = IDUE\_DAYS  Numeric Input Only   * + - * [02] Fixed Due Date         + "Fix Due Date" … *next month*   Textbox  Display = IFIXED\_DUE\_DATE  Numeric Input Only   * + - * [03] Range Fixed Due Date         + "Limit Invoice Dates\*"   Textbox  Display = ILIMIT\_INVOICE\_DATE  Numeric Input Only   * + - * + "Less Than Equal Limit\*"   Textbox  Display = IBEFORE\_LIMIT\_INVOICE\_DATE  Numeric Input Only  Validation = cannot be smaller than "Limit Invoice Dates\*"   * + - * + "After Limit\*"   Textbox  Display = IAFTER\_LIMIT\_INVOICE\_DATE  Numeric Input Only  Validation = cannot be bigger than "Limit Invoice Dates\*"   * + "Due Date Tolerance"     - "Holiday"       * Checkbox       * Display = LDUE\_DATE\_TOLERANCE\_HOLIDAY       * Value = [0] Unchecked / [1] Checked       * Default Value = [0] Unchecked     - "Saturday"       * Checkbox       * Display = LDUE\_DATE\_TOLERANCE\_SATURDAY       * Value = [0] Unchecked / [1] Checked       * Default Value = [0] Unchecked     - "Sunday"       * Checkbox       * Display = LDUE\_DATE\_TOLERANCE\_SUNDAY       * Value = [0] Unchecked / [1] Checked       * Default Value = [0] Unchecked   + "Use Stamp" Flag     - Checkbox     - Display = LUSE\_STAMP     - Value = [0] Unchecked / [1] Checked     - Default Value = [0] Unchecked     - IF Checked, enable "Additional Id\*"     - "Additional Id\*"       * Lookup       * Display = CSTAMP\_ADD\_ID       * Value = Lookup GSL01400 – Other Charges Lookup   With Parameter:   * + - * + CCOMPANY\_ID = [Login Company Id]         + CPROPERTY\_ID = [Selected Property Id]         + CCHARGES\_TYPE = 'A' /\*Additional\*/       * Mandatory   + "Description"     - Textbox     - Display = CDESCRIPTION   + By Department Flag     - Checkbox     - Display = LBY\_DEPARTMENT     - Value = [0] Unchecked / [1] Checked     - Default Value = [0] Unchecked   ALL Department Info   * + - "Invoice Template\*"       * Lookup       * Display = CINVOICE\_TEMPLATE       * Value = Open Explorer, on file selected, saved file path.       * Mandatory       * Enable IF LBY\_DEPARTMENT = 0   **[CR04]**   * + - * IF {Selected\_CSTORAGE\_ID} <>''       * Run Function R\_StorageUtility\_ReadFile       * Parameter:         + CSTORAGE\_ID = '{Selected\_CSTORAGE\_ID}'   **[CR04/]**  **Bank Receipt Info**   * + - "Department\*"       * Lookup       * Display = CDEPT\_CODE       * Value = Get Lookup GSL00700 – DEPARTMENT LOOKUP   With Parameter:  CCOMPANY\_ID = 'Login Company Id'  CUSER\_ID = 'Login User Id'   * + - * Mandatory       * Enable IF LBY\_DEPARTMENT = 0     - "Bank\*"       * Lookup       * Display = CBANK\_CODE       * Value =   **[CR02]**   * + - * Lookup GSL01200 – Bank Lookup   With Parameter:   * + - * + CCOMPANY\_ID = [Login Company Id]         + CBANK\_TYPE = 'B' /\*Bank\*/         + Empty parameter 🡪 ''         + User Login Id   ~~SELECT CCB\_CODE, CCB\_NAME FROM GSM\_CB (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [Login Company Id]~~  ~~AND CCB\_TYPE = 'B' /\*Bank\*/~~  **[CR02/]**   * + - * Mandatory       * Enable IF LBY\_DEPARTMENT = 0     - "Bank Account\*"       * Lookup       * Display = CBANK\_ACCOUNT       * Value = Lookup GSL01300 – Bank Account Lookup   With Parameter:   * + - * + CCOMPANY\_ID = [Login Company Id]         + CBANK\_TYPE = 'B' /\*Bank\*/         + CCB\_CODE = [Selected Bank]         + CDEPT\_CODE = [Selected Dept Code]       * Mandatory       * Enable IF LBY\_DEPARTMENT = 0   + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + Updated "Date"     - Textbox     - Display = CUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + Created "Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to EDIT PROCESS         + "Delete"🡪 Go to DELETE PROCESS         + "Active/Inactive" 🡪 Go To ACTIVE/INACTIVE PROCESS |  |

#### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Set focus to column: "Invoice Group" |  |
| * 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: "Invoice Group" Code * Set focus to column: "Invoice Group" 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\_INVOICE\_GRP  "Login Company Id"  , "Property Id"  , "Invoice Group\*" Code  , "Invoice Group\*" Name  , "Seq"  , "Active"  , "Invoice Due Mode"  , "Invoice Group Mode"  , "Due Days"  , "Fixed Due Date"  , Range Fixed Due Date "Limit Invoice Dates\*"  , Range Fixed Due Date "Less Than Equal Limit\*"  , Range Fixed Due Date "After Limit\*"  , "Due Date Tolerance"."Holiday"  , "Due Date Tolerance"."Saturday"  , "Due Date Tolerance"."Sunday"  , "Use Stamp"  , "Additional Id\*"  , "Description"  , "By Department" Flag  , "Invoice Template\*"  , "Department\*"  , "Bank\*"  , "Bank Account\*"  **[CR04]** , Storage Id **[CR04/]**  , "DELETE"  , Login User Id  **[CR04}**   * Validasi sudah ada storage atau belum   F EXISTS(SELECT TOP 1 1 FROM LMM\_INVGRP (NOLOCK)  WHERE CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id  AND CINVGRP\_CODE = Selected "Invoice Group" Code  AND CSTORAGE\_ID = Selected Storage Id  )   * Jalankan process delete storage   + Run Function R\_StorageUtility.DeleteFile   + With Parameter:     - CSTORAGE\_ID     - CUSER\_ID = '{Login\_user\_id}'   **[CR04/}** |  |

#### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR04}**   * Check sudah setting Storage setup atau belum   EXEC RSP\_GS\_GET\_STORAGE\_TYPE 'Login Company Id', 'User Login Id' |  |
| **[CR03]**   * IF Action "Add", and "Active" Flag = True, jalankan   Jalankan GFF00900 – Activity Approval dengan parameter:  CACTION\_CODE = 'LMM01501'  IF Success, jalankan Save Invoice Group Process, IF Failed, stay on Add/Edit Process  **[CR05]**   * Validasi value change "By Department Flag" from true to false   Check apakah sudah ada data di tab – Template and Bank Account  IF EXISTS(SELECT TOP 1 1 FROM LMM\_INVGRP\_BANK\_ACC\_DEPT (NOLOCK)  WHERE CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id  AND CINVGRP\_CODE = Selected "Invoice Group" Code  )  Tampilkan warning message:  "***By Department Flag value change will deleted all template on tab – Template and Bank Account, do you want to processed?*** " YES / NO  IF YES, setelah jalankan process "Save Invoice Group", jalankan process delete Template and Bank Account  DELETE PROCESS  EXEC RSP\_LM\_MAINTAIN\_INVGRP\_BANK\_ACC\_DEPT  "Login Company Id"  , "Property Id"  , Selected "Invoice Group" Code  , ""  , ""  , ""  , ""  , ""  , "DELETE"  , Login User Id  Jalankan process delete storage untuk selected Invoice Group  (process di looping untuk selected Invoice Group)   * + Run Function R\_StorageUtility.DeleteFile   + With Parameter:     - CSTORAGE\_ID     - CUSER\_ID = '{Login\_user\_id}'   IF NO, back to Display Process  **[CR05/]**   * Save Invoice Group   **[CR04]**  Validasi apakah document sudah di create atau belum.  IF EXISTS(SELECT TOP 1 1 FROM LMM\_INVGRP (NOLOCK)  WHERE CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id  AND CINVGRP\_CODE = Selected "Invoice Group" Code  AND CSTORAGE\_ID = '')  Jika belum ada,   * + - Run Function R\_StorageUtility\_AddFile     - Parameter       * CUSER\_ID = '{Login\_user\_id} '       * CSTORAGE\_TYPE = CSTORAGE\_TYPE **[ON CLOUD / ON PREMIS]**       * CSTORAGE\_PROVIDER\_ID = CSTORAGE\_PROVIDER\_ID **[AZURE / GOOGLE]**       * CCOMPANY\_ID = '{Login Company Id}'       * CDATA\_TYPE = 'STORAGE\_DATA\_TABLE'       * CKEY01 = '{Selected Property Id}'       * CKEY02 = Selected "Invoice Group" Code       * CKEY03 = CKEY10 = ''       * ODATA = File content       * CFILE\_NAME = LEFT(RTRIM('Selected Property Id') + Selected "Invoice Group" Code)       * CEXTENSION = .doc         + Return       * CSTORAGE\_ID   Jika sudah ada storage sebelumnya,   * + - Run Function R\_StorageUtility\_UpdateFile     - Parameter       * CSTORAGE\_ID       * ODATA = File content       * CUSER\_ID = '{Login\_user\_id} '       * CDATA\_TYPE = 'STORAGE\_DATA\_TABLE'       * CKEY01 = '{Selected Property Id}'       * CKEY02 = Selected "Invoice Group" Code       * CKEY03 = CKEY10 = ''       * ODATA = File content       * CFILE\_NAME = LEFT(RTRIM('Selected Property Id') + Selected "Invoice Group" Code)       * CEXTENSION = .doc   **[CR04/]**  EXEC RSP\_LM\_MAINTAIN\_INVOICE\_GRP  "Login Company Id"  , "Property Id"  , "Property Id"  , "Invoice Group\*" Code  , "Invoice Group\*" Name  , "Seq"  , "Active"  , "Invoice Due Mode"  , "Invoice Group Mode"  , "Due Days"  , "Fixed Due Date"  , Range Fixed Due Date "Limit Invoice Dates\*"  , Range Fixed Due Date "Less Than Equal Limit\*"  , Range Fixed Due Date "After Limit\*"  , "Due Date Tolerance"."Holiday"  , "Due Date Tolerance"."Saturday"  , "Due Date Tolerance"."Sunday"  , "Use Stamp"  , "Additional Id\*"  , "Description"  , "By Department" Flag  , "Invoice Template\*"  , "Department\*"  , "Bank\*"  , "Bank Account\*"  **[CR04]** , Storage Id **[CR04/]**  , CACTION [ADD / EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

#### CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Invoice Group List |  |

#### ACTIVE / INACTIVE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * ~~Validation:~~ * ~~Jalankan RSP\_ACTIVITY\_VALIDITY {Login Company ID}, 'LMM01501'~~   ~~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 = 'LMM01501'~~  ~~@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 = 'LMM01501'~~  ~~@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 = 'LMM01501'  Jika success, jalankan process ACTIVE / INACTIVE PROCESS   * ACTIVE / INACTIVE PROCESS   EXEC RSP\_LM\_ACTIVE\_INACTIVE\_INVGRP  Login Company Id  , Selected Property Id  , "Invoice Group" Code  , Flag Active [True] / [False]  , Login User Id |  |

### TAB – TEMPLATE AND BANK ACCOUNT

#### USER INTERFACE

**[CR01]**





#### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tab ini enabled IF "By Department Flag" = True |  |

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| Load Invoice Group [INVOICE\_GROUP]  EXEC RSP\_LM\_GET\_INVOICE\_GROUP @CCOMPANY\_ID, @CPROPERTY\_ID, @CINVGRP\_CODE, @CUSER\_LOGIN\_ID   * Display data [INVOICE\_GROUP]:   + "Invoice Group"     - Textbox     - Display = CINVGRP\_CODE, CINVGRP\_NAME     - VARCHAR(8), NVARCHAR(100) |  |
| Load Invoice Group by Department [INVGRP\_DEPT\_LIST]  EXEC RSP\_LM\_GET\_INVGRP\_DEPT\_LIST @CCOMPANY\_ID, @CPROPERTY\_ID, @CINVGRP\_CODE, @CUSER\_LOGIN\_ID   * Display data [INVGRP\_DEPT\_LIST]:   + "Department"     - Textbox     - Display = CDEPT\_NAME     - NVARCHAR(100)   + "Bank"     - Textbox     - Display = CBANK\_NAME     - NVARCHAR(100)   + "Bank Account\*"     - Textbox     - Display = CBANK\_ACCOUNT     - VARCHAR(100)   + "Invoice Template"     - Textbox     - Display = CINVOICE\_TEMPLATE     - VARCHAR(100)   + "Updated By"     - Textbox     - Display = CUPDATE\_BY     - Value = User Login Id     - Disabled   + "Updated "Date"     - Textbox     - Display = DUPDATE\_DATE     - Value = Today Date     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + Created "Date"     - Textbox     - Display = DCREATE\_DATE     - Value = Today Date     - Disabled |  |
| Load Invoice Group by Department [INVGRP\_DEPT\_LIST]  EXEC RSP\_LM\_GET\_INVGRP\_DEPT\_DETAIL @CCOMPANY\_ID, @CPROPERTY\_ID, @CINVGRP\_CODE, @CDEPT\_CODE, @CUSER\_LOGIN\_ID   * + "Department\*"     - Lookup     - Display = CDEPT\_CODE     - Value = Get Lookup GSL00700 – DEPARTMENT LOOKUP   With Parameter:  CCOMPANY\_ID = 'Login Company Id'  CUSER\_ID = 'Login User Id'   * + - Mandatory   + "Invoice Template\*"     - Lookup     - Display = CINVOICE\_TEMPLATE     - Value = Open Explorer, on file selected, saved file path.     - Mandatory   **[CR04]**   * + - IF {Selected\_CSTORAGE\_ID} <>''     - Run Function R\_StorageUtility\_ReadFile     - Parameter:       * CSTORAGE\_ID = '{Selected\_CSTORAGE\_ID}'   **[CR04/]**  **Bank Receipt Info**   * + "Bank\*"     - Lookup     - Display = CBANK\_CODE     - Value = GSL01200 – BANK LOOKUP   With Parameter:  CCOMPANY\_ID = [Login Company Id]  AND CCB\_TYPE = 'B' /\*Bank\*/   * + - Mandatory   + "Bank Account\*"     - Lookup     - Display = CBANK\_ACCOUNT     - Value = GSL01300 – BANK ACCOUNT LOOKUP   With Parameter:  CCOMPANY\_ID = [Login Company Id]  AND CBANK\_TYPE = 'B' /\*Bank\*/  AND CCB\_CODE = [Selected Bank]  AND CDEPT\_CODE = [Selected Dept Code]   * + - Mandatory |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to EDIT PROCESS         + "Delete"🡪 Go to DELETE PROCESS         + "Active/Inactive" 🡪 Go To ACTIVE/INACTIVE PROCESS |  |

#### ADD NEW PROCESS

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

#### MODIFY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Set focus to column: "Departmenr" |  |
| * 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\_INVGRP\_BANK\_ACC\_DEPT  "Login Company Id"  , "Property Id"  , Selected "Invoice Group" Code  , "Department\*"  , "Invoice Template\*"  , "Bank\*"  , "Bank Account\*"  **[CR04]** , Storage Id **[CR04/]**  , "DELETE"  , Login User Id  **[CR04}**   * Jalankan process delete storage   + Run Function R\_StorageUtility.DeleteFile   + With Parameter:     - CSTORAGE\_ID     - CUSER\_ID = '{Login\_user\_id}'   **[CR04/}** |  |

#### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| **[CR04]**   * Check sudah setting Storage setup atau belum   EXEC RSP\_GS\_GET\_STORAGE\_TYPE 'Login Company Id', 'User Login Id' |  |
| * Save Bank Account by Dept   **[CR04]**   * Validasi apakah document sudah di create atau belum.   IF EXISTS(SELECT TOP 1 1 FROM LMM\_INVGRP\_BANK\_ACC\_DEPT (NOLOCK)  WHERE CCOMPANY\_ID = Login Company Id  AND CPROPERTY\_ID = Selected Property Id  AND CINVGRP\_CODE = Selected "Invoice Group" Code  AND CDEPT\_CODE = Selected Dept Code)  Jika belum ada,   * + - Run Function R\_StorageUtility\_AddFile     - Parameter       * CUSER\_ID = '{Login\_user\_id} '       * CSTORAGE\_TYPE = CSTORAGE\_TYPE **[ON CLOUD / ON PREMIS]**       * CSTORAGE\_PROVIDER\_ID = CSTORAGE\_PROVIDER\_ID **[AZURE / GOOGLE]**       * CCOMPANY\_ID = '{Login Company Id}'       * CDATA\_TYPE = 'STORAGE\_DATA\_TABLE'       * CKEY01 = '{Selected Property Id}'       * CKEY02 = Selected "Invoice Group" Code       * CKEY03 = Selected "Dept Code"       * CKEY04 - CKEY10 = ''       * ODATA = File content       * CFILE\_NAME = LEFT(RTRIM('Selected Property Id') + Selected "Invoice Group" Code)       * CEXTENSION = .doc         + Return       * CSTORAGE\_ID   Jika sudah ada storage sebelumnya,   * + - Run Function R\_StorageUtility\_UpdateFile     - Parameter       * CSTORAGE\_ID       * ODATA = File content       * CUSER\_ID = '{Login\_user\_id} '       * CDATA\_TYPE = 'STORAGE\_DATA\_TABLE'       * CKEY01 = '{Selected Property Id}'       * CKEY02 = Selected "Invoice Group" Code       * CKEY03 = Selected "Dept Code"       * CKEY04 - CKEY10 = ''       * ODATA = File content       * CFILE\_NAME = LEFT(RTRIM('Selected Property Id') + Selected "Invoice Group" Code)       * CEXTENSION = .doc   **[CR04/]**  EXEC RSP\_LM\_MAINTAIN\_INVGRP\_BANK\_ACC\_DEPT  "Login Company Id"  , "Property Id"  , Selected "Invoice Group" Code  , "Department\*"  , "Invoice Template\*"  , "Bank\*"  , "Bank Account\*"  **[CR04]** , Storage Id **[CR04/]**  , CACTION [ADD / EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

#### CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Invoice Group List |  |

## TAB – PENALTY

### USER INTERFACE



### BUTTON DEFINITION

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

### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Invoice Group Header   **[CR02]**  ~~SELECT CINVGRP\_CODE, CINVGRP\_NAME FROM LMM\_INVGRP (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login Company Id' AND CPROPERTY\_ID = [Selected Property Id]~~  ~~AND CINVGRP\_CODE = [Selected Invoice Group]~~  EXEC RSP\_LM\_GET\_INVOICE\_GROUP @CCOMPANY\_ID, @CPROPERTY\_ID, @CINVGRP\_CODE, @CUSER\_LOGIN\_ID  **[CR02/]**   * + "Invoice Group"     - Textbox     - Field = CINVGRP\_CODE - CINVGRP\_NAME     - Disabled |  |
| Load Invoice Penalty [INVOICE\_PENALTY]  EXEC RSP\_LM\_GET\_INVOICE\_GROUP @CCOMPANY\_ID, @CPROPERTY\_ID, @CINVGRP\_CODE, @CUSER\_LOGIN\_ID   * Display data [INVOICE\_PENALTY]:   + "Enable Penalty"     - Checkbox     - Display = LPENALTY     - Value = [0] Unchecked / [1] Checked     - Default Value = [0] Unchecked     - If Checked Enable All Field Below ELSE Disabled   + "Additional Id\*"     - * Lookup       * Display = CPENALTY\_ADD\_ID       * Value =   **[CR02]**  GSL01400 – OTHER CHARGES LOOKUP  With Parameter:  Login Company Id  Selected Property  CCHARGES\_TYPE = 'A' /\*Additional\*/  Login User Id  ~~SELECT CCHARGES\_ID, CCHARGES\_NAME FROM GSM\_OTHER\_CHARGES (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = [Login Company Id]~~  ~~AND CPROPERTY\_ID – [Selected Property Id]~~  ~~AND CCHARGES\_TYPE = 'A' /\*Additional\*/~~  ~~AND CSTATUS = '80' /\*ACTIVE\*/~~  **[CR02/]**   * + - * Mandatory   + "Penalty Type\*"     - * Radio Button       * Display = CPENALTY\_TYPE       * Value =       * 10 - Monthly Amount   IF Selected, Enable:   * + - * + "Monthly Amount"   Textbox  Display = NPENALTY\_TYPE\_VALUE  Numeric Input Only   * + - * 11 - Monthly Percentage   IF Selected, Enable:   * + - * + "Monthly Percentage"   Textbox  Display = NPENALTY\_TYPE\_VALUE  Numeric Input Only  Min Value = 0  Max Value = 100   * + - * + "Calculation base on"   Radio Button  Display = CPENALTY\_TYPE\_CALC\_BASEON  Value =  01 - Principal  02 - Principal and Penalty   * + - * 20 - Daily Amount   IF Selected, Enable:   * + - * + "Daily Amount"   Textbox  Display = NPENALTY\_TYPE\_VALUE  Numeric Input Only   * + - * 21 - Daily Percentage   IF Selected, Enable:   * + - * + "Daily Percentage"   Textbox  Display = NPENALTY\_TYPE\_VALUE  Numeric Input Only  Min Value = 0  Max Value = 100   * + - * + "Calculation base on"   Radio Button  Display = CPENALTY\_TYPE\_CALC\_BASEON  Value =  01 - Principal  02 - Principal and Penalty   * + - * 30 - One Time Amount   IF Selected, Enable:   * + - * + "One Time Amount"   Textbox  Display = NPENALTY\_TYPE\_VALUE  Numeric Input Only   * + - * 31 - One Time Percentage   IF Selected, Enable:   * + - * + "One Time Percentage"   Textbox  Display = NPENALTY\_TYPE\_VALUE  Numeric Input Only  Min Value = 0  Max Value = 100   * + "Rounded"     - Combobox     - Display = IROUNDED     - Value =       * -2       * -1       * 0       * 1       * 2     - Default Value = 0   + "Cut of Date By\*"     - * Radio Button       * Display = CCUTOFDATE\_BY       * Value =       * 01 - Due Date       * 02 - 1st Day of the Next Month   + "Grace Period"     - * Textbox       * Display = IGRACE\_PERIOD       * Numeric Input Only   + "Penalty Fee Start from"     - * Radio Button       * Display = CPENALTY\_FEE\_START\_FROM       * Value =       * 01 - Grace Period       * 02 - Due Date   + "Exclude Special Day"     - "Holiday"       * Checkbox       * Display = LEXCLUDE\_SPECIAL\_DAY\_HOLIDAY       * Value = [0] Unchecked / [1] Checked       * Default Value = [0] Unchecked     - "Saturday"       * Checkbox       * Display = LEXCLUDE\_SPECIAL\_DAY\_SATURDAY       * Value = [0] Unchecked / [1] Checked       * Default Value = [0] Unchecked     - "Sunday"       * Checkbox       * Display = LEXCLUDE\_SPECIAL\_DAY\_SUNDAY       * Value = [0] Unchecked / [1] Checked       * Default Value = [0] Unchecked   + "Min Penalty Amount"     - * Textbox       * Display = NMIN\_PENALTY\_AMOUNT       * Numeric Input Only   + "Max Penalty Amount"     - * Textbox       * Display = NMAX\_PENALTY\_AMOUNT       * Numeric Input Only |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to EDIT PROCESS         + "Delete"🡪 Go to DELETE PROCESS         + "Active/Inactive" 🡪 Go To ACTIVE/INACTIVE PROCESS |  |

### MODIFY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = EDIT * Enabled fields: **All Field** * Disabled fields: "Invoice Group" * Set focus to column: "Enable Penalty" Flag |  |
| * Proses   + - * + “Save” 🡪 Go to SAVE & VALIDATION PROCESS         + “Cancel”🡪 Go to DISPLAY PROCESS |  |

### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Invoice Group Penalty   EXEC RSP\_LM\_MAINTAIN\_INVGRP\_PENALTY  "Login Company Id"  , "Property Id"  , "Invoice Group\*" Code  , "Enable Penalty"  , "Additional Id\*"  , "Penalty Type\*"  , NPENALTY\_TYPE\_VALUE  , CPENALTY\_TYPE\_CALC\_BASEON  , "Rounded"  , "Cut of Date By\*"  , "Grace Period"  , "Penalty Fee Start from"  , "Exclude Special Day"."Holiday"  , "Exclude Special Day"."Saturday"  , "Exclude Special Day"."Sunday"  , "Min Penalty Amount"  , "Max Penalty Amount"  , CACTION [EDIT]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

### CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Invoice Group Penalty |  |

## TAB – CHARGES

### USER INTERFACE



### BUTTON DEFINITION

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

### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Invoice Group List   **[CR02]**  ~~SELECT CINVGRP\_CODE, CINVGRP\_NAME FROM LMM\_INVGRP (NOLOCK)~~  ~~WHERE CCOMPANY\_ID = 'Login Company Id' AND CPROPERTY\_ID = [Selected Property Id]~~  ~~AND CINVGRP\_CODE = [Selected Invoice Group Id]~~  EXEC RSP\_LM\_GET\_INVOICE\_GROUP @CCOMPANY\_ID, @CPROPERTY\_ID, @CINVGRP\_CODE, @CUSER\_LOGIN\_ID  **[CR02/]**   * + "Invoice Group"     - Textbox     - Field = CINVGRP\_CODE - CINVGRP\_NAME     - Disabled |  |
| Load Invoice Charges List [CHARGES\_LIST]  EXEC RSP\_LM\_GET\_INVGRP\_CHARGES\_LIST @CCOMPANY\_ID, @CPROPERTY\_ID, @CINVGRP\_CODE, @CUSER\_LOGIN\_ID   * Display data [CHARGES\_LIST]:   + "Charge Id"     - Lookup     - Display = CCHARGES\_ID     - Value =   **[CR02]**  ~~SELECT~~  ~~'Unit Charge' AS UNIT\_UTILITY\_CHARGE~~  ~~, A.CCHARGES\_TYPE, B.CDESCRIPTION AS CCHARGES\_TYPE\_DESCR~~  ~~, A.CCHARGES\_ID, A.CCHARGES\_NAME~~  ~~FROM LMM\_UNIT\_CHARGES A (NOLOCK)~~  ~~INNER JOIN RFT\_GET\_GSB\_CODE\_INFO ('BIMASAKTI', 'Login Company Id', '\_BS\_UNIT\_CHARGES\_TYPE', '', '[Login Language Id]') B ON A.CCHARGES\_TYPE = B.CCODE~~  ~~WHERE A.CCOMPANY\_ID = 'Login Company Id'~~  ~~AND A.CPROPERTY\_ID = 'Selected Property Id'~~  ~~AND A.CSTATUS = '80' /\*ACTIVE\*/~~  ~~UNION ALL~~  ~~SELECT~~  ~~'Utility Charge' AS UNIT\_UTILITY\_CHARGE~~  ~~, A.CCHARGES\_TYPE, B.CDESCRIPTION AS CCHARGES\_TYPE\_DESCR~~  ~~, A.CCHARGES\_ID, A.CCHARGES\_NAME FROM LMM\_UTILITY\_CHARGES A (NOLOCK)~~  ~~INNER JOIN RFT\_GET\_GSB\_CODE\_INFO ('BIMASAKTI', 'Login Company Id', '\_BS\_UTILITY\_CHARGES\_TYPE', '', '[Login Language Id]') B ON A.CCHARGES\_TYPE = B.CCODE~~  ~~WHERE A.CCOMPANY\_ID = 'Login Company Id'~~  ~~AND A.CPROPERTY\_ID = 'Selected Property Id'~~  ~~AND A.CSTATUS = '80' /\*ACTIVE\*/~~  EXEC RSP\_LM\_GET\_CHARGES\_LIST 'Login Company Id', 'Selected Property Id', 'Login User Id'  **[CR02/]**   * + - VARCHAR(20)     - Mandatory   + "Charge Name"     - Textbox     - Display = CCHARGES\_NAME     - VARCHAR(100)     - Disabled   + "Unit/Utility Charge"     - Textbox     - Display = UNIT\_UTILITY\_CHARGE     - VARCHAR(100)     - Disabled   + "Charge Type"     - Textbox     - Display = CCHARGES\_TYPE\_DESCR     - VARCHAR(100)     - Disabled   + "Created By"     - Textbox     - Display = CCREATE\_BY     - Value = User Login Id     - Disabled   + Created "Date"     - Textbox     - Display = CCREATE\_DATE     - Value = Today Date     - Disabled |  |
| * Proses   + - * + "Add New" 🡪 Go to ADD NEW PROCESS         + "Edit"🡪 Go to EDIT PROCESS         + "Delete"🡪 Go to DELETE PROCESS         + "Active/Inactive" 🡪 Go To ACTIVE/INACTIVE PROCESS |  |

### ADD NEW PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set **VAR\_SAVE\_MODE** = NEW * Enabled fields: **All Field** * Set focus to column: "Charges Id" |  |
| * 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\_INVGRP\_CHARGES  "Login Company Id"  , "Property Id"  , "Invoice Group" Code  , "Charges Id"  , "DELETE"  , Login User Id |  |

### SAVE & VALIDATION PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Save Invoice Group Charges   EXEC RSP\_LM\_MAINTAIN\_INVGRP\_CHARGES  "Login Company Id"  , "Property Id"  , "Invoice Group" Code  , "Charges Id"  , CACTION [ADD]  , Login User Id |  |
| * Go to DISPLAY PROCESS |  |

### CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke Invoice Group List |  |

# ERROR CODE / WARNING MESSAGE DEFINITION

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

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| **CR01**  **RE, 11 August 2023** | * Mengubah Last Updated 🡪 Updated |  |
| **CR02**  **RE, 20 Sept 2023** | * Mengubah query manual ke SP |  |
| **CR03**  **RE. 16 Okt 2023** | * Mengubah default flag Active = true dan saat save “add” baca Activitiy Approval |  |
| **CR04**  **RE, 01 Des 2023** | * Menambahkan storage untuk simpan template |  |
| **CR05**  **RE, 27 Des 2023** | * Menambahkan warning jika flag “by department” berubah value from true to false, jika sudah ada template nya, maka akan dihapus |  |