## PROGRAM DEFINITION

|  |
| --- |
|  |
| * Program untuk generate GL jurnal berdasarkan Recurring Journal Master |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * GLM\_RECURRING\_HD * GLM\_RECURRING\_JRN * GLT\_TRANS\_HD * GLT\_TRANS\_JRN * GLA\_ACCOUNT\_BALANCE * GSM\_COA * GSM\_CENTER * GSM\_COMPANY * GSM\_DEPARTMENT * GSM\_CURRENCY * GSM\_CURRENCY\_RATE * GLM\_SYSTEM\_PARAM | * RW * R * RW * RW * RW * R * R * R * R * R * R * R |

## ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * User yg mempunyai akses ke program |  |

## INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_COMPANY\_ID = Login User’s Company ID * Set VAR\_USER\_ID = Login User ID * Set VAR\_LANGUAGE\_ID = Login User’s Language ID * Set VAR\_TODAY = Get Property Date dengan function dbo.RFN\_GET\_DB\_TODAY(VAR\_COMPANY\_ID) * <CR2> * ~~Jalankan query berikut, simpan hasil ke VAR\_GSM\_COMPANY  SELECT CBASE\_CURRENCY\_CODE   ,CLOCAL\_CURRENCY\_CODE  FROM GSM\_COMPANY (NOLOCK) WHERE CCOMPANY\_ID = VAR\_COMPANY\_ID~~ * Jalankan RSP\_GS\_GET\_COMPANY\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_COMPANY   + VAR\_COMPANY\_ID      * Jalankan RSP\_GL\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_GL\_SYSTEM\_PARAM   + VAR\_COMPANY\_ID   + VAR\_LANGUAGE\_ID * ~~Jalankan query berikut, simpan hasil ke VAR\_GSM\_PERIOD  SELECT IMIN\_YEAR=CAST(MIN(CYEAR) AS INT)  ,IMAX\_YEAR=CAST(MAX(CYEAR) AS INT)\_~~   ~~FROM GSM\_PERIOD (NOLOCK)  WHERE CCOMPANY\_ID = VAR\_COMPANY\_ID~~   * Jalankan RSP\_GS\_GET\_PERIOD\_YEAR\_RANGE dengan parameter, simpan hasil ke VAR\_GSM\_PERIOD   + VAR\_COMPANY\_ID   + ‘’ (Empty String)   + ‘’ (Empty String) * ~~Jalankan query berikut, simpan hasil ke VAR\_GSM\_TRANSACTION\_CODE  SELECT LINCREMENT\_FLAG  ,LAPPROVAL\_FLAG  FROM GSM\_TRANSACTION\_CODE (NOLOCK) WHERE CCOMPANY\_ID = VAR\_COMPANY\_ID AND CTRANSACTION\_CODE=’000030’~~ * Jalankan RSP\_GS\_GET\_TRANS\_CODE\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_TRANSACTION\_CODE   + VAR\_COMPANY\_ID   + 000030 * </CR2> |  |

## RECURRING JOURNAL LIST

### USER INTERFACE

#### CR1

A screenshot of a computer

Description automatically generated

#### INITIAL VERSION

A screenshot of a computer

Description automatically generated

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Search | Jalankan SEARCH PROCESS |
| Show All | Jalankan SHOW ALL PROCESS |
| Process | Jalankan RECURRING JOURNAL PROCESS |
| Journal Detail | Jalankan POPUP JOURNAL DETAIL |
|  |  |
|  |  |

### OUTPUT

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

### ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * User yg punya akses ke program |  |

### INITIAL PROCESS

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

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Journal Period (Year) |  | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Maximum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default selected value = Current Year |  |
| Journal Period (Month) |  | Combobox  Isi combo box value dengan  01 s/d 12  Set Default selected value = Current Month |  |
| Search textbox |  | Textbox | Maximum 20 karakter |
| Progress bar message |  | Label |  |
| Progress Bar |  | Progress Bar |  |
| Progress Logs |  | Textarea |  |

#### JOURNAL GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Journal ID | CREC\_ID | Hidden |  |
| Valid Flag | LVALID | Hidden |  |
| Department Code | CDEPT\_CODE | Hidden |  |
| Record Selector |  | Checkbox | IF LVALID=1 THEN Enabled ELSE Disabled |
| <CR1> |  |  |  |
| No. | INO | Label |  |
| </CR1> |  |  |  |
| Department | CDEPT\_CODE\_NAME | Label |  |
| Master Ref. No. | CREF\_NO | Label |  |
| Freq. | IFREQUENCY | Label |  |
| Interval (Month) | IPERIOD | Label |  |
| Seq. | ISEQUENCE | Label |  |
| Start Date | CSTART\_DATE | Label |  |
| Next Date | CNEXT\_DATE | Label |  |
|  |  |  |  |
| Description | CTRANS\_DESC | Label |  |
| Currency | CCURRENCY\_CODE | Label |  |
| Amount | NTRANS\_AMOUNT | Label |  |
| Local Currency | CLOCAL\_CURRENCY\_CODE | Label |  |
| Local Amount | NLTRANS\_AMOUNT | Label |  |
| Base Currency | CBASE\_CURRENCY\_CODE | Label |  |
| Base Amount | NBTRANS\_AMOUNT | Label |  |
| Grid Mode   * Read Only for all columns except record selector. * IF LVALID=0 THEN Set row background color to RED | | | |
|  |  |  |  |
|  | | | |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Search | Enabled |
| Show All | Enabled |
| Process | IF has data in JOURNAL GRID THEN Enabled ELSE Disabled |
| Journal Detail | IF has data in JOURNAL GRID THEN Enabled ELSE Disabled |
|  |  |
|  |  |

### SEARCH PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Department | Empty | Please Select Department! |
| Search text | Empty | Please input keyword to search! |
|  | Not Empty  AND  Input length < 3 | Minimum search keyword is 3 characters! |

#### ACTION

|  |
| --- |
|  |
| * Refresh Journal Grid dengan RSP\_GL\_SEARCH\_ACTIVE\_RECURRING\_LIST dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + Selected Journal Period dengan format YYYYMM   + Input Search Text   + VAR\_LANGUAGE\_ID * IF VAR\_RESULT empty,   + Display message “No data found!” |

### SHOW ALL PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Refresh Journal Grid dengan RSP\_GL\_SEARCH\_ACTIVE\_RECURRING\_LIST dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + Selected Journal Period dengan format YYYYMM   + ‘’ (Empty String)   + VAR\_LANGUAGE\_ID * IF VAR\_RESULT empty   + Display message “No data found!” |

### RECURRING JOURNAL PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Record Selector | No Record Selected | Please select Recurring Journal to process! |
| VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG | 0 | Cannot process Recurring Journal with Manual Numbering! Transaction numbering setting for Recurring Journal should be auto increment, not manual numbering! |

#### ACTION

|  |
| --- |
|  |
| * Display confirmation message “Are you sure want to process selected Recurring Journal(s)?” [Yes/No] * IF No THEN   + Kembali ke form * Set VAR\_DATA\_COUNT=Number of selected Data in grid * Set progress bar step = VAR\_DATA\_COUNT * Set VAR\_STEP = 0 * Set VAR\_ERROR\_COUNT = 0 * Set VAR\_KEY\_GUID = New GUID * Reset Progress Bar * Set Error Message Resource= RSP\_GL\_PROCESS\_RECURRING\_JRN * Jalankan RSP\_WRITEUPLOADPROCESSSTATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_KEY\_GUID   + VAR\_STEP   + Start Processing Recurring Journal   + 0 (Hardcoded) * Process Selected Recurring Journal 1 by 1   + Set VAR\_STEP = VAR\_STEP + 1   + Jalankan RSP\_WRITEUPLOADPROCESSSTATUS dengan parameter     - VAR\_COMPANY\_ID     - VAR\_USER\_ID     - VAR\_KEY\_GUID     - VAR\_STEP     - Processing data N of VAR\_DATA\_COUNT     - 0   + Jalankan RSP\_GL\_PROCESS\_RECURRING\_JRN dengan parameter, simpan hasil ke VAR\_RESULT     - VAR\_USER\_ID     - Selected Data[N].CREC\_ID     - VAR\_COMPANY\_ID     - Selected Data[N].CDEPT\_CODE     - Selected Data[N].CREF\_NO     - <CR1>     - Selected Data[N].INO     - VAR\_KEY\_GUID     - </CR1>   + IF VAR\_RESULT.IERROR\_COUNT > 0     - Set VAR\_ERROR\_COUNT = VAR\_ERROR\_COUNT + 1     - Jalankan RSP\_WRITEUPLOADPROCESSSTATUS dengan parameter       * VAR\_COMPANY\_ID       * VAR\_USER\_ID       * VAR\_KEY\_GUID       * VAR\_STEP       * Failed to process Row No. INO[N] - Master Ref. No. CREF\_NO[N] CR1       * 0   + ELSE     - Jalankan RSP\_WRITEUPLOADPROCESSSTATUS dengan parameter       * VAR\_COMPANY\_ID       * VAR\_USER\_ID       * VAR\_KEY\_GUID       * VAR\_STEP       * Processing Row No. INO[N] - Master Ref. No. CREF\_NO[N]: SUCCESSFUL       * 0 * Jalankan RSP\_WRITEUPLOADPROCESSSTATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_KEY\_GUID   + VAR\_STEP   + Finish Processing Recurring Journal!   + IF VAR\_ERROR\_COUNT=0 THEN 9 ELSE 1 * <CR1> * IF VAR\_ERROR\_COUNT > 0   + Get Error message dari library and display</CR1> * Refresh JOURNAL GRID |
|  |

## POPUP JOURNAL DETAIL

### USER INTERFACE

#### INITIAL VERSION

Table

Description automatically generated

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Close | Tutup form |
|  |  |
|  |  |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Refresh JOURNAL DETAIL Grid dengan RSP\_GL\_GET\_RECURRING\_DETAIL\_LIST dengan parameter   + Selected Journal->CREC\_ID   + VAR\_LANGUAGE\_ID |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Reference No. | Selected Journal-> CREF\_NO | Textbox, disabled |  |
| Amount | Selected Journal -> NTRANS\_AMOUNT | Textbox, disabled |  |
| Status |  | Textbox, disabled  Set value=Submitted |  |

#### JOURNAL DETAIL GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Journal Detail ID | CREC\_ID | Hidden |  |
| No. | INO | Label |  |
| Account No. | CGLACCOUNT\_NO | Label |  |
| Account Name | CGLACCOUNT\_NAME | Label |  |
| Center | CCENTER\_NAME | Label |  |
| D/C | CDBCR | Label |  |
| Debit | NDEBIT | Label | IF CDBCR=D THEN displayed ELSE Hidden |
| Credit | NCREDIT | Label | IF CDBCR=C THEN displayed ELSE Hidden |
| Description | CDETAIL\_DESC | Label |  |
| Grid Mode   * Read Only | | | |
|  |  |  |  |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Approve | IF has data in Grid THEN Enabled ELSE disabled |
| Cancel | Enabled |
|  |  |

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| 00  14-Apr-2023 | * INITIAL VERSION |  |
| CR1  07-Sep-2023 | * Tambah field No. di grid * Tambah input parameter untuk RSP\_GL\_PROCESS\_RECURRING\_JRN * Ubah progress log message * Ubah input parameter (SUCCESS/FAILED) RSP\_WRITEUPLOADPROCESSSTATUS untuk proses terakhir * Tambah proses display error message jika ada data yg gagal proses * Hapus progress log |  |
| CR2  19-Sep-2023 | * Ubah manual query ke SP | </CR2> |
|  |  |  |

#### TEMPLATE

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
|  |

Backup

* + IF VAR\_RECURRING\_JRN.CCURRENCY\_CODE <> VAR\_GSM\_COMPANY.CBASE\_CURRENCY\_CODE OR VAR\_RECURRING\_JRN.CCURRENCY\_CODE <> VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE
    - Jalankan RSP\_GS\_GET\_LAST\_CURRENCY\_RATE dengan parameter, simpan hasil ke VAR\_LAST\_CURRENCY\_RATE
      * VAR\_COMPANY\_ID
      * VAR\_RECURRING\_JRN.CCURRENCY\_CODE
      * VAR\_GL\_SYSTEM\_PARAM.CRATETYPE\_CODE
      * VAR\_RECURRING\_JRN.CNEXT\_DATE
    - IF VAR\_LAST\_CURRENCY\_RATE is EMPTY
      * Display Message “Currency Rate not found for Master Ref. No. SelectedData[N].CREF\_NO, skip processing!”
      * Add message “Failed to process Reference No. CREF\_NO[N]: Currency Rate not found!” to Progress Logs
      * Add message “Processing Reference No. CREF\_NO[N]: FAILED!” to Progress Logs
      * Skip and continue processing Next Data
* <CR2>
* ~~Jalankan query berikut, simpan hasil ke VAR\_GSM\_COMPANY  
    
  SELECT CBASE\_CURRENCY\_CODE   
   ,CLOCAL\_CURRENCY\_CODE  
    
  FROM GSM\_COMPANY (NOLOCK)  
  WHERE CCOMPANY\_ID = VAR\_COMPANY\_ID~~
* Jalankan RSP\_GS\_GET\_COMPANY\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_COMPANY
  + VAR\_COMPANY\_ID
* Jalankan RSP\_GS\_GET\_PERIOD\_YEAR\_RANGE dengan parameter, simpan hasil ke VAR\_GSM\_PERIOD
  + VAR\_COMPANY\_ID
  + ‘’ (Empty String)
  + ‘’ (Empty String)
* Jalankan RSP\_GS\_GET\_TRANS\_CODE\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_TRANSACTION\_CODE
  + VAR\_COMPANY\_ID
  + 000030
* Jalankan RSP\_GS\_GET\_PERIOD\_YEAR\_INFO dengan parameter, simpan hasil ke VAR\_PERIOD\_INFO
  + VAR\_COMPANY\_ID
  + LEFT(VAR\_GL\_SYSTEM\_PARAM.CCURRENT\_PERIOD,4)
* Jalankan RSP\_GL\_GET\_ACCOUNT\_BALANCE dengan parameter, simpan hasil ke VAR\_SUSPENSE\_AMOUNT
  + VAR\_COMPANY\_ID
  + VAR\_GL\_SYSTEM\_PARAM.CSUSPENSE\_ACCOUNT\_NO
  + ‘’ (Empty String)
  + VAR\_GL\_SYSTEM\_PARAM.CCURRENT\_PERIOD
* Jalankan RSP\_GS\_GET\_PERIOD\_DT\_INFO dengan parameter, simpan hasil ke VAR\_PERIOD\_INFO
  + VAR\_COMPANY\_ID
  + LEFT(VAR\_GL\_SYSTEM\_PARAM.CCURRENT\_PERIOD,4)
  + ‘’ (Empty String)
* Jalankan RSP\_GL\_GET\_SYSTEM\_ENABLE\_OPTION\_INFO dengan parameter, simpan IOPTION ke VAR\_IUNDO\_COMMIT\_JRN
  + VAR\_COMPANY\_ID
  + GL014001

Tambah item comboxbox dengan (code/name) berikut

‘’=All

Isi combobox dengan RSP\_GS\_GET\_GSB\_CODE\_LIST dengan parameter

* BIMASAKTI
* VAR\_COMPANY\_ID
* \_GL\_JOURNAL\_STATUS
* VAR\_LANGUAGE\_ID

Set Item Code = CCODE

Set Item Name = CNAME

Isi combobox dengan RSP\_GS\_GET\_PAYMENT\_TERM\_LISTdengan parameter

* VAR\_COMPANY\_ID
* Selected Property ID
* VAR\_USER\_ID