## PROGRAM DEFINITION

|  |
| --- |
|  |
| * Program untuk generate Allocation Journal berdasarkan Allocation Journal Master |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * GLT\_TRANS\_HD * GLT\_TRANS\_JRN * GLA\_ACCOUNT\_BALANCE * GLM\_ALLOCATION\_HD * GSM\_TRANSACTION\_NUMBER * GLM\_ALLOCATION\_ACCOUNT * GLM\_ALLOCACTION\_CENTER * GLM\_ALLOCACTION\_CENTER\_VALUE * GSM\_TRANSACTION\_CODE * GSM\_COA * GSM\_CENTER * GSM\_COMPANY * GSM\_DEPARTMENT * GLM\_SYSTEM\_PARAM | * RW * RW * RW * RW * RW * R * R * 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) * Jalankan RSP\_GL\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_GL\_SYSTEM\_PARAM   + VAR\_COMPANY\_ID   + VAR\_LANGUAGE\_ID * <CR2> * ~~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  AND CCYEAR >= LEFT(VAR\_GL\_SYSTEM\_PARAM.CCURRENT\_PERIOD, 4)~~   * Jalankan RSP\_GS\_GET\_PERIOD\_YEAR\_RANGE dengan parameter, simpan hasil ke VAR\_GSM\_PERIOD   + VAR\_COMPANY\_ID   + LEFT(VAR\_GL\_SYSTEM\_PARAM.CCURRENT\_PERIOD, 4)   + >= * ~~Jalankan query berikut, simpan hasil ke VAR\_GSM\_PERIOD\_DETAIL  SELECT CCYEAR  ,CPERIOD\_NO  ,CSTART\_DATE  ,CEND\_DATE~~   ~~FROM GSM\_PERIOD\_DT (NOLOCK)  WHERE CCOMPANY\_ID = VAR\_COMPANY\_ID~~   * Jalankan RSP\_GS\_GET\_PERIOD\_DT\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_PERIOD\_DETAIL   + 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=’000040’~~ * Jalankan RSP\_GS\_GET\_TRANS\_CODE\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_TRANSACTION\_CODE   + VAR\_COMPANY\_ID   + 000020 * </CR2> |  |

## ALLOCATION JOURNAL LIST

### USER INTERFACE

#### CR1

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#### INITIAL VERSION

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### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Search | Jalankan SEARCH PROCESS |
| Show All | Jalankan SHOW ALL PROCESS |
| Process | Jalankan ALLOCATION 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** |
| Current Period | VAR\_GL\_SYSTEM\_PARAM  .CCURENT\_PERIOD | Textbox disabled |  |
| 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 | On value changed   * Jalankan REFRESH JOURNAL PERIOD PROCESS |
|  |  |  |  |
| Journal Period (Month) |  | Combobox  Isi combo box value dengan  01=01  02=02  s/d  12=12  Set Default selected value = Current Month | On value changed   * Jalankan REFRESH JOURNAL PERIOD PROCESS |
| Start Date |  | Textbox, disabled | Format dengan dd-Mon-yyy |
| End Date |  | Textbox, disabled | Format dengan dd-Mon-yyy |
| Search textbox |  | Textbox | Maximum 20 karakter |
| Progress bar message |  | Label |  |
| Progress Bar |  | Progress Bar |  |
| Progress Logs |  | Textarea |  |
| Allocation Date |  | Datepicker  Set default to today |  |

#### JOURNAL GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Allocation ID | CREC\_ID | Hidden |  |
| Valid Flag | LVALID | Hidden |  |
| Department Code | CDEPT\_CODE | Hidden |  |
| Record Selector |  | Checkbox | IF LVALID =1 THEN Enabled ELSE Disabled |
| Department | CDEPT\_CODE\_NAME | Label |  |
| Source Center | CSOURCE\_CENTER\_NAME |  |  |
| Current Center | CCURRENT\_CENTER\_NAME |  |  |
| Allocation No. | CALLOC\_NO | Label |  |
| Allocation Name | CALLOC\_NAME | Label |  |
| Description | CDESCRIPTION | Textbox | IF LVALID =1 THEN Enabled ELSE Disabled |
|  |  |  |  |
|  |  |  |  |
| Grid Mode   * Allow EDIT   Grid Process   * Edit -> Jalankan EDIT JOURNAL DETAIL PROCESS * Save -> Jalankan Save JOURNAL DETAIL PROCESS   Grid Row Format   * IF LVALID=1 THEN Format row background color to NORMAL ELSE format 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** |
| 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\_ALLOCATION\_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\_ALLOCATION\_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!” |

### REFRESH JOURNAL PERIOD PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set Start Date = SELECT CSTART\_DATE  FROM VAR\_GSM\_PERIOD\_DETAIL  WHERE CCYEAR=Selected Journal Year  AND IPERIOD\_NO=Selected Journal Period * Set End Date = SELECT CEND\_DATE  FROM VAR\_GSM\_PERIOD\_DETAIL  WHERE CCYEAR=Selected Journal Year  AND CPERIOD\_NO=Selected Journal Period * IF Today BETWEEN Start Date AND End Date   + Set Allocation Date=Today * ELSE   + IF Today > End Date     - Set Allocation Date=End Date   + ELSE     - Set Allocation Date=Today |

### EDIT JOURNAL DETAIL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Enable Edit semua editable field * Set focus ke Description |

### SAVE JOURNAL DETAIL PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Description | Empty | Description is required! |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_GL\_UPDATE\_ALLOCATION\_DESCRIPTION dengan parameter   + VAR\_USER\_ID   + VAR\_COMPANY\_ID   + Selected Alcation ID (CREC\_ID)   + Input Description * IF Success   + Refresh Journal Grid * IF Error   + Display error message |

### ALLOCATION JOURNAL PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Record Selector | No Record Selected | Please select Allocation Journal to process! |
| VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG | 0 | Cannot process Allocation Journal with Manual Numbering! Transaction numbering setting for Allocation Journal should be auto increment, not manual numbering! |
| Allocation Date | > Today | Allocation Date cannot be after today! |
|  | Not Between Start Date and End Date | Allocation Date must between Journal Start Date and End Date! |

#### ACTION

|  |
| --- |
|  |
| * Display confirmation message “Are you sure want to process selected Allocation 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\_ALLOCATION\_JRN * Jalankan RSP\_WRITEUPLOADPROCESSSTATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_KEY\_GUID   + VAR\_STEP   + Start Processing Allocation Journal   + 0 (Hardcoded) * Process Selected Allocation Journal 1 by 1   + Set VAR\_STEP = VAR\_STEP + 1   + Add message “Processing Allocation No. CALLOC\_NO[N]” to Progress Logs   + 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\_ALLOCATION\_JRN dengan parameter, simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - VAR\_USER\_ID     - Selected Data[N].CREC\_ID     - Input Allocation Date dengan format yyyymmdd     - <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] - process Allocation No. CALLOC\_NO[N] CR1       * 0   + ELSE     - Jalankan RSP\_WRITEUPLOADPROCESSSTATUS dengan parameter       * VAR\_COMPANY\_ID       * VAR\_USER\_ID       * VAR\_KEY\_GUID       * VAR\_STEP       * Processing Allocation No. CALLOC\_NO[N]: SUCCESSFUL * Jalankan RSP\_WRITEUPLOADPROCESSSTATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_KEY\_GUID   + VAR\_STEP   + Finish Processing Allocation 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

#### TAB ALLOCATION ACCOUNT

##### INITIAL VERSION

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#### TAB TARGET CENTER & ALLCOTION

##### INITIAL VERSION

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### BUTTON DEFINITION

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

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_ALLOCATION\_ID=Selected Allocation ID di form pemanggil * Refresh form dengan RSP\_GL\_GET\_ALLOCATION\_HD dengan parameter:   + VAR\_ALLOCATION\_ID   + VAR\_LANGUAGE\_ID * Refresh ACCOUNT GRID dengan RSP\_GL\_GET\_ALLOCATION\_ACCOUNT\_LIST dengan parameter:   + VAR\_COMPANY\_ID   + VAR\_ALLOCATION\_ID   + VAR\_LANGUAGE\_ID * Refresh TARGET CENTER grid dengan RSP\_GL\_GET\_ALLOCATION\_CENTER\_LIST dengan parameter   + VAR\_ALLOCATION\_ID   + VAR\_LANGUAGE\_ID * Refresh ALLOCATION VALUE grid dengan RSP\_GL\_GET\_ALLOCATION\_CENTER\_VALUE\_LIST dengan parameter   + VAR\_COMPANY\_ID   + Selected row of Target Center Grid->Center ID (CREC\_ID)   + Selected Journal Year di form pemanggil   + VAR\_LANGUAGE\_ID * Jalankan DISPLAY PROCESS |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Allocation | CALLOC\_NO  CALLOC\_NAME | Textbox, Disabled |  |
| Department | CDEPT\_CODE  CDEPT\_NAME | Textbox, Disabled |  |
| Source Center | CSOURCE\_CENTER\_CODE  CSOURCE\_CENTER\_NAME | Textbox, Disabled |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Updated By | CUPDATE\_BY | Textbox, disabled |  |
| Updated Date | DUPDATE\_DATE | Textbox, disabled |  |
| Created By | CCREATE\_BY | Textbox, disabled |  |
| Created Date | DCREATE\_DATE | Textbox, disabled |  |
|  |  |  |  |
| **Target Center & Allocation** | | | |
| Target Center | Selected Center Name of Target Center Grid | Textbox, disabled |  |
| Allocation Year | Selected Journal Year di form pemanggil | Textbox, disabled |  |

#### SUB TAB ACCOUNT

##### ACCOUNT GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Account No. | CGLACCOUNT\_NO | Label |  |
| Account Name | CGLACCOUNT\_NAME | Label |  |
| BS / IS | CBSIS\_LONG\_NAME | Label |  |
| Debit / Credit | CDBCR\_LONG\_NAME | Label |  |
| Grid Mode   * Read Only | | | |
|  | | | |

#### SUB TAB TARGET CENTER & ALLOCATION

##### TARGET CENTER GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Center ID | CREC\_ID | Hidden |  |
| Center Code | CCENTER\_CODE | Label |  |
| Center Name | CCENTER\_NAME | Label |  |
|  |  |  |  |
| Grid Mode   * Read Only | | | |
| On Selected Row Changed   * Jalankan REFRESH CENTER ALLOCATION PROCESS | | | |

##### ALLOCATION VALUE GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Period ID | CREC\_ID | Hidden |  |
| Period Year | CYEAR | Hidden |  |
| Period | CPERIOD\_NO | Label |  |
| Amount | NVALUE | Label |  |
|  |  |  |  |
| Grid Mode   * Read Only | | | |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Close | Enabled |
|  |  |

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| 00  22-May-2023 | * INITIAL VERSION |  |
| CR1  07-Sep-2023 | * Tambah field No. di grid * Tambah input parameter untuk RSP\_GL\_PROCESS\_ALLOCATION\_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> |
|  |  |  |
|  |  | </CR2> |
|  |  |  |

#### TEMPLATE

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
|  |