## PROGRAM DEFINITION

|  |
| --- |
|  |
| * Program untuk create, update, view, approve, and commit GL journal |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * GST\_TRANS\_HD * GST\_TRANS\_JRN * GLA\_ACCOUNT\_BALANCE * GSM\_COA * GSM\_CENTER * GSM\_COMPANY * GLM\_BUDGET\_DT * GLM\_SYSTEM\_PARAM * GSB\_CODE\_DT * GSM\_TRANSACTION\_CODE | * RW * RW * RW * R * R * R * R * R * R * R |

## INPUT PARAMETER

|  |  |
| --- | --- |
| **Parameter Name** | **Description** |
| PARAM\_CALLER\_ID | Caller Program ID |
| PARAM\_CALLER\_TRANS\_CODE | Caller Transaction Code |
| PARAM\_CALLER\_REF\_NO | Caller Transaction Reference No. |
| PARAM\_CALLER\_ACTION | Action  NEW=Add New  VIEW=View with CRUD button Enabled  VIEW\_ONLY=View only without CRUD button Enabled |
| PARAM\_DEPT\_CODE | Department Code |
|  |  |
| PARAM\_REF\_NO | Journal Reference No. |
| PARAM\_DOC\_NO | Document No. |
| PARAM\_DOC\_DATE | Document Date |
|  |  |
| PARAM\_DESCRIPTION | Journal Description |
| PARAM\_GLACCOUNT\_NO | GL Account No. |
| PARAM\_CENTER\_CODE | Center Code |
|  |  |
| PARAM\_BSIS | GL Account Type BS/IS |
| PARAM\_DBCR | Debit / Credit |
| PARAM\_CURRENCY\_CODE | Currency Code |
| PARAM\_AMOUNT | Amount |
|  |  |
| PARAM\_LC\_BASE\_RATE | Local Currency Base Rate |
| PARAM\_LC\_RATE | Local Currency Rate |
| PARAM\_BC\_BASE\_RATE | Base Currency Base Rate |
| PARAM\_BC\_RATE | Base Currency Rate |
| <CR8> |  |
| PARAM\_SEQ\_NO | Sequence No. |
| </CR8> |  |

## ROLES

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

## INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_TRANS\_CODE = 000000 * 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) * <CR1> * ~~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 RSP\_GS\_GET\_DEPT\_LOOKUP\_LIST dengan parameter, simpan hasil ke VAR\_USER\_DEPARTMENT\_LIST   + VAR\_COMPANY\_ID   + VAR\_USER\_ID * ~~Set VAR\_CCURRENT\_PERIOD\_START\_DATE dengan query berikut:  SELECT CSTART\_DATE  FROM GSM\_PERIOD\_DT (NOLOCK) WHERE CCOMPANY\_ID=VAR\_COMPANY\_ID  AND CCYEAR=VAR\_GL\_SYSTEM\_PARAM.CCURRENT\_PERIOD\_YY AND CPERIOD\_NO= VAR\_GL\_SYSTEM\_PARAM.CCURRENT\_PERIOD\_MM~~ * Jalankan RSP\_GS\_GET\_PERIOD\_DT\_INFO dengan parameter, simpan CSTART\_DATE ke VAR\_CCURRENT\_PERIOD\_START\_DATE   + VAR\_COMPANY\_ID   + VAR\_GL\_SYSTEM\_PARAM.CCURRENT\_PERIOD\_YY   + VAR\_GL\_SYSTEM\_PARAM.CCURRENT\_PERIOD\_MM * ~~Set VAR\_CSOFT\_PERIOD\_START\_DATE dengan query berikut:  SELECT CSTART\_DATE  FROM GSM\_PERIOD\_DT (NOLOCK) WHERE CCOMPANY\_ID=VAR\_COMPANY\_ID  AND CCYEAR=VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD\_YY AND CPERIOD\_NO= VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD\_MM~~ * Jalankan RSP\_GS\_GET\_PERIOD\_DT\_INFO dengan parameter, simpan CSTART\_DATE ke VAR\_CSOFT\_PERIOD\_START\_DATE   + VAR\_COMPANY\_ID   + VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD\_YY   + VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD\_MM * ~~Set VAR\_IUNDO\_COMMIT\_JRN dengan query berikut:  SELECT IOPTION  FROM GLM\_SYSTEM\_ENABLE\_OPTION (NOLOCK) WHERE CCOMPANY\_ID=VAR\_COMPANY\_ID  AND COPTION\_CODE=’GL014001’~~ * Jalankan RSP\_GL\_GET\_SYSTEM\_ENABLE\_OPTION\_INFO dengan parameter, simpan IOPTION ke VAR\_IUNDO\_COMMIT\_JRN   + VAR\_COMPANY\_ID   + GL014001 * ~~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=VAR\_TRANS\_CODE~~ * Jalankan RSP\_GS\_GET\_TRANS\_CODE\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_TRANSACTION\_CODE   + VAR\_COMPANY\_ID   + VAR\_TRANS\_CODE * ~~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) * </CR1> * <CR6> * IF PARAM\_CALLER\_ID NOT EMPTY   + Jalankan CALLER INIT PROCESS * </CR6> |  |

## TAB JOURNAL LIST

### USER INTERFACE

#### INITIAL VERSION

A screenshot of a computer

Description automatically generated with medium confidence

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Department | * Lookup dengan program GSL00700 DEPARTMENT LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID * Hasil Lookup   + Set Department Code = CDEPT\_CODE   + Set Department Name = CDEPT\_NAME   Set default value = record pertama dari VAR\_USER\_DEPARTMENT\_LIST.CDEPT\_CODE |
|  |  |
|  |  |
| Search | Jalankan SEARCH PROCESS |
| Show All | Jalankan SHOW ALL PROCESS |
| Approve | Jalankan APPROVE JOURNAL PROCESS |
| Commit | Jalankan COMMIT JOURNAL PROCESS |
| Rapid Approval | Jalankan RAPID APPROVAL PROCESS |
| Rapid Commit | Jalankan POPUP RAPID COMMIT |
|  |  |
|  |  |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

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

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Department | CDEPT\_CODE | Lookup  <CR3>  IF VAR\_GL\_SYSTEM\_PARAM.CCLOSE\_DEPT\_CODE EXIST IN VAR\_USER\_DEPARTMENT\_LIST   * Set Default value to VAR\_GL\_SYSTEM\_PARAM.CCLOSE\_DEPT\_CODE   </CR3> | * To upper case (convert input data ke upper case) * Maximum 20 characters * On lost focus   + Panggil program lookup GSL00700 dengan parameter dan simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - VAR\_USER\_ID     - Input Closing Entries Department Code * IF VAR\_RESULT empty   + Display message “Department [INPUT Department Code] not found!”, [OK]   + Set focus ke field Department * IF VAR\_RESULT not empty   + Set Department Name = CDEPT\_NAME |
|  | CDEPT\_NAME | <CR3>  IF VAR\_GL\_SYSTEM\_PARAM.CCLOSE\_DEPT\_CODE EXIST IN VAR\_USER\_DEPARTMENT\_LIST   * Set Default value to VAR\_GL\_SYSTEM\_PARAM.CCLOSE\_DEPT\_NAME   </CR3> |  |
| 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 = VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD\_YY |  |
| Journal Period (Month) |  | Combobox  Isi combo box value dengan  01 s/d 12  Set Default selected value = VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD\_MM |  |
| Status |  | Combobox  <CR1>  ~~Isi combobox dengan query berikut:  SELECT CCODE=''~~  ~~,CNAME='All'~~  ~~UNION~~  ~~SELECT CCODE~~  ~~,CDESCRIPTION AS CNAME~~  ~~FROM RFT\_GET\_GSB\_CODE\_INFO('BIMASAKTI', VAR\_COMPANY\_ID, '\_GL\_JOURNAL\_STATUS', '', VAR\_LANGUAGE\_ID)~~  ~~ORDER BY CCODE~~  Tambah item comboxbox dengan (code/name) berikut  ‘’=All  Tambah item combobox dengan RSP\_GS\_GET\_GSB\_CODE\_LIST dengan parameter   * BIMASAKTI * VAR\_COMPANY\_ID * \_GL\_JOURNAL\_STATUS * VAR\_LANGUAGE\_ID   </CR1>  Set Item Code = CCODE  Set Item Name = CNAME |  |
| Search textbox |  | Textbox | Maximum 20 karakter |
|  |  |  |  |

#### JOURNAL GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Journal ID | CREC\_ID | Hidden |  |
| Allow Approve | LALLOW\_APPROVE | Hidden |  |
| Journal Period | CREF\_PRD | Hidden |  |
| Status Code | CSTATUS | Hidden |  |
| Reference No. | CREF\_NO | Label |  |
| Reference Date | CREF\_DATE | Label |  |
| Document No. | CDOC\_NO | Label |  |
| Description | CTRANS\_DESC | Label |  |
| Currency | CCURRENCY\_CODE | Label |  |
| Amount | NTRANS\_AMOUNT | Label |  |
| Status | CSTATUS\_NAME | Label |  |
| Updated By | CUPDATE\_BY | Label |  |
| Updated Date | DUPDATE\_DATE | Label |  |
| Created By | CCREATE\_BY | Label |  |
| Created Date | DCREATE\_DATE | Label |  |
|  |  |  |  |
| Grid Mode   * Read Only | | | |
|  |  |  |  |
| On selected Row Changed   * Jalankan REFERESH JOURNAL DETAIL PROCESS | | | |

#### 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 |  |
| Voucher No. | CDOCUMENT\_NO | Label |  |
| Voucher Date | CDOCUMENT\_DATE | Label |  |
|  |  |  |  |
| DB (Local) | NLDEBIT | Label | IF CDBCR=D THEN displayed ELSE Hidden |
| CR (Local) | NLCREDIT | Label | IF CDBCR=C THEN displayed ELSE Hidden |
| DB (Base) | NBDEBIT | Label | IF CDBCR=D THEN displayed ELSE Hidden |
| CR (Base) | NBCREDIT | Label | IF CDBCR=C THEN displayed ELSE Hidden |
| Grid Mode   * Read Only | | | |
|  |  |  |  |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Search | Enabled |
| Show All | Enabled |
| Approve | IF Selected Journal CSTATUS=10 AND VAR\_GSM\_TRANSACTION\_CODE.LAPPROVAL\_FLAG=1 THEN Enabled ELSE Disabled |
| Commit / Undo Commit | <CR5>  ~~IF Selected Journal (CSTATUS=20 OR (CSTATUS=10 AND VAR\_GSM\_TRANSACTION\_CODE.LAPPROVAL\_FLAG=0)) OR (CSTATUS=80 AND VAR\_IUNDO\_COMMIT\_JRN <> 1) AND CJOURNAL\_PERIOD >= VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD THEN Enabled ELSE Disabled~~  IF Selected Journal (CSTATUS=20) OR (CSTATUS=80 AND VAR\_IUNDO\_COMMIT\_JRN <> 1) AND CJOURNAL\_PERIOD >= VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD THEN Enabled ELSE Disabled  </CR5>  IF Selected Journal CSTATUS=80 THEN Set button label=Undo Commit ELSE Set Button label=Commit |
| Rapid Approval | IF VAR\_GSM\_TRANSACTION\_CODE.LAPPROVAL\_FLAG=1 THEN Enabled ELSE Disabled |
| Rapid Commit | Enabled |
|  |  |
|  |  |

### SEARCH PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Department | Empty | Please Select Department! |
| Search text | Empty | Please input keyword to search! |
|  | Input length < 3 | Minimum search keyword is 3 characters! |

#### ACTION

|  |
| --- |
|  |
| * Refresh Journal Grid dengan RSP\_GL\_SEARCH\_JOURNAL\_LIST dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_TRANS\_CODE (Hardcoded)   + Selected Department Code   + Selected Journal Period dengan format YYYYMM   + Selected Status   + Input Search Text   + VAR\_LANGUAGE\_ID * IF VAR\_RESULT empty,   + Display message “No data found!” * ELSE   + Jalankan REFRESH JOURNAL DETAIL PROCESS |

### SHOW ALL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh Journal Grid dengan RSP\_GL\_SEARCH\_JOURNAL\_LIST dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_TRANS\_CODE   + Selected Department Code   + Selected Journal Period dengan format YYYYMM   + Selected Status   + ‘’ (Empty String)   + VAR\_LANGUAGE\_ID * IF VAR\_RESULT empty,   + Display message “No data found!” * ELSE   + Jalankan REFRESH JOURNAL DETAIL PROCESS |

### REFRESH JOURNAL DETAIL PROCESS

#### VALIDATION

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

#### ACTION

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

### APPROVE JOURNAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * IF selected journal LALLOW\_APPROVE=0   + Display message ‘You don’t have right to approve this journal!’   + Kembali ke form * Display confirmation message ‘Are you sure want to approve this journal? [Yes/No]’ * IF Yes THEN Continue Process ELSE Kembali ke form * Jalankan RSP\_GL\_UPDATE\_JOURNAL\_STATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_USER\_ID   + Selected Journal->CREC\_ID   + 20   + VAR\_GL\_SYSTEM\_PARAM.LCOMMIT\_APRJRN   + 0 * IF Success   + Display message ‘Selected Journal Approved Successfully!’   + Refresh JOURNAL grid * ELSE   + Display Error Message * Jalankan DISPLAY PROCESS |

### COMMIT JOURNAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * IF selected journal CSTATUS=80   + Display confirmation message ‘Are you sure want to undo committed this journal? [Yes/No]’   + IF Yes THEN Continue Process ELSE Kembali ke form * ELSE   + Display confirmation message ‘Are you sure want to commit this journal? [Yes/No]’   + IF Yes THEN Continue Process ELSE Kembali ke form * <CR5> * IF selected Journal CSTATUS=80   + IF VAR\_GSM\_TRANSACTION\_CODE.LAPPROVAL\_FLAG=1     - Set VAR\_NEW\_STATUS=10   + ELSE     - Set VAR\_NEW\_STATUS=00 * ELSE   + Set VAR\_NEW\_STATUS=80 * </CR5> * Jalankan RSP\_GL\_UPDATE\_JOURNAL\_STATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_USER\_ID   + Selected Journal->CREC\_ID   + ~~IF Selected Journal CSTATUS=80 THEN 10 ELSE 80~~ VAR\_NEW\_STATUS CR5   + 0   + IF Selected Journal CSTATUS=80 THEN 1 ELSE 0 * IF Success   + IF Selected Journal CSTATUS=80     - Display message ‘Selected Journal Undo Committed Successfully!’   + ELSE     - Display message ‘Selected Journal Committed Successfully!’   + Refresh JOURNAL grid * ELSE   + Display Error Message * Jalankan DISPLAY PROCESS |

### RAPID APPROVAL PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Department | Empty | Please Select Department! |
|  |  |  |

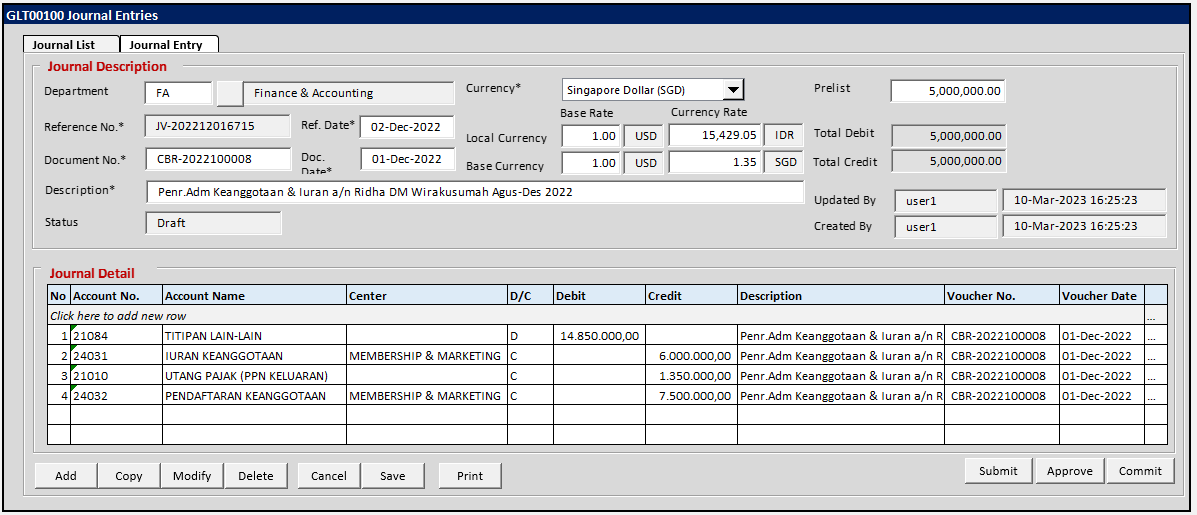
#### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_GS\_GET\_ALLOW\_APPROVAL\_STATUS dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + VAR\_TRANS\_CODE   + Selected Department Code   + VAR\_USER\_ID * IF VAR\_RESULT is EMPTY   + Display message ‘You don’t have right to approve this journal type!’   + Kembali ke form * Jalankan POPUP RAPID APPROVAL |
|  |

## TAB JOURNAL ENTRY

### USER INTERFACE

#### CR4



#### INITIAL VERSION

A screenshot of a computer

Description automatically generated

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Add New | Jalankan ADD JOURNAL PROCESS |
| Copy | Jalankan COPY JOURNAL PROCESS |
| Modify | Jalankan EDIT JOURNAL PROCESS |
| Delete | Jalankan DELETE JOURNAL PROCESS |
| Save | Jalankan SAVE JOURNAL PROCESS |
| Cancel | Jalankan CANCEL JOURNAL PROCESS |
| Print | Jalankan GLTR00100 dengan parameter P\_JOURNAL\_ID=Selected Journal->CREC\_ID |
| Submit/Undo Submit | Jalankan SUBMIT JOURNAL PROCESS |
| Approve | Jalankan APPROVE JOURNAL PROCESS |
| Commit/Undo Commit | Jalankan COMMIT JOURNAL PROCESS |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * <CR6> * IF PARAM\_CALLER\_ID=’’   + Set VAR\_SAVE\_MODE=VIEW   + IF has selected journal di Tab Journal List     - Set VAR\_JOURNAL\_ID = Selected Journal CREC\_ID     - Jalankan REFRESH FORM PROCESS * ELSE   + IF PARAM\_CALLER\_ACTION=NEW     - Jalankan ADD JOURNAL PROCESS     - Set Department Code=PARAM\_DEPT     - Set Currency=PARAM\_CURRENCY\_CODE     - Set Document No.=PARAM\_DOC\_NO     - Set Doc. Date=PARAM\_DOC\_DATE     - Set Local Currency (Currency Code)= PARAM\_CURRENCY\_CODE     - Set Local Currency Base Rate=PARAM\_LC\_BASE\_RATE     - Set Local Currency Rate=PARAM\_LC\_RATE     - Set Base Currency (Currency Code)= PARAM\_CURRENCY\_CODE     - Set Base Currency Base Rate=PARAM\_BC\_BASE\_RATE     - Set Base Currency Rate=PARAM\_BC\_RATE     - Set Description=PARAM\_DESCRIPTION     - IF PARAM\_CALLER\_ID IN (PMT05500)       * Insert Journal Detail di grid dengan info berikut         + No.=1         + Account Type=PARAM\_BSIS         + Account No.=PARAM\_GLACCOUNT\_NO         + Center=PARAM\_CENTER\_CODE         + D/C=PARAM\_DBCR         + Debit=CASE WHEN PARAM\_DBCR=D THEN PARAM\_AMOUNT ELSE 0         + Credit= CASE WHEN PARAM\_DBCR=C THEN PARAM\_AMOUNT ELSE 0         + Description=PARAM\_DESCRIPTION         + Voucher No.=PARAM\_DOC\_NO         + Voucher Date=PARAM\_DOC\_DATE   + IF PARAM\_CALLER\_ACTION IN (VIEW, VIEW\_ONLY)     - Jalankan RSP\_GL\_GET\_JOURNAL\_DETAIL dengan parameter, simpan hasil ke VAR\_RESULT       * VAR\_COMPANY\_ID       * PARAM\_DEPT\_CODE       * VAR\_TRANS\_CODE       * PARAM\_REF\_NO       * VAR\_LANGUAGE\_ID     - Set VAR\_JOURNAL\_ID = VAR\_RESULT.CREC\_ID     - Jalankan REFRESH FORM PROCESS * </CR6> |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Journal ID | CREC\_ID | Hidden |  |
| Allow Approve | LALLOW\_APPROVE | Hidden |  |
| Department | CDEPT\_CODE | Lookup  <CR3>  IF VAR\_GL\_SYSTEM\_PARAM.CCLOSE\_DEPT\_CODE EXIST IN VAR\_USER\_DEPARTMENT\_LIST   * Set Default value to VAR\_GL\_SYSTEM\_PARAM.CCLOSE\_DEPT\_CODE   </CR3> | * Mandatory * <CR5> * ~~IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled~~ * IF VAR\_SAVE\_MODE=NEW <CR6>AND PARAM\_CALLER\_ID=’’ </CR6> THEN Enabled ELSE Disabled</CR5> * To upper case (convert input data ke upper case) * Maximum 5 characters * On lost focus   + Panggil program lookup GSL00700 dengan parameter dan simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - VAR\_USER\_ID     - Input Closing Entries Department Code * IF VAR\_RESULT empty   + Display message “Department [INPUT Department Code] not found!”, [OK]   + Set focus ke field Department * IF VAR\_RESULT not empty   + Set Department Name = CDEPT\_NAME |
| Reference No.\* | CREF\_NO | Textbox | Mandatory  Maximum 30 karakter  <CR5>  ~~IF VAR\_SAVE\_MODE=VIEW~~   * ~~Disabled~~   ~~ELSE~~   * ~~IF VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG=0 THEN Enabled ELSE Disabled~~   IF VAR\_SAVE\_MODE=NEW AND VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG=0   * Enabled   ELSE   * Disabled   <CR5> |
| Reference Date\* | CREF\_DATE | Datepicker  Set default value=VAR\_TODAY | Mandatory  IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled  On value changed   * IF selected Currency Code <> VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE OR selected Currency Code <> VAR\_GSM\_COMPANY.CBASE\_CURRENCY\_CODE   + Jalankan REFRESH CURRENCY RATE PROCESS |
| Document No. | CDOC\_NO | Textbox | Mandatory CR4  Maximum 30 karakter  <CR6>  IF PARAM\_CALLER\_ID=’’   * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled   ELSE IF PARAM\_CALLER\_ID IN (PMT05500)   * Disabled   </CR6> |
|  |  |  |  |
| Doc. Date | CDOC\_DATE | Datepicker | Mandatory CR4  <CR6>  IF PARAM\_CALLER\_ID=’’   * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled   ELSE IF PARAM\_CALLER\_ID IN (PMT05500)   * Disabled |
| Reference Period | CREF\_PRD | Hidden |  |
| Description\* | CTRANS\_DESC | Textbox | Mandatory  Maximum 200 karakter  IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
|  |  |  |  |
| Currency\* | CCURRENCY\_CODE | Combobox  Isi combobox dengan RSP\_GS\_GET\_CURRENCY\_LIST dengan parameter   * VAR\_COMPANY\_ID * VAR\_USER\_ID   Set Item Code=CCCURENCY\_CODE  Set Item Name=CCURRENCY\_NAME  Set default selected value = VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | <CR6>  Mandatory  IF PARAM\_CALLER\_ID=’’   * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled   ELSE IF PARAM\_CALLER\_ID IN (PMT05500)   * Disabled   </CR6>  On selected value changed   * Jalankan REFRESH CURRENCY RATE PROCESS |
| Local Currency (Base Rate) | NLBASE\_RATE | Textbox | <CR6>  IF PARAM\_CALLER\_ID=’’   * IF selected currency code <> VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE THEN Enabled ELSE Disabled   ELSE IF PARAM\_CALLER\_ID IN (PMT05500)   * Disabled   </CR6> |
| Transaction Currency Code | CCURRENCY\_CODE | Textbox, disabled |  |
| Local Currency Rate | NLCURRENCY\_RATE | Textbox | <CR6>  IF PARAM\_CALLER\_ID=’’   * IF selected currency code <> VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE THEN Enabled ELSE Disabled   ELSE IF PARAM\_CALLER\_ID IN (PMT05500)   * Disabled   </CR6> |
| Local Currency Code | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Base Currency (Base Rate) | NBBASE\_RATE | Textbox | <CR6>  IF PARAM\_CALLER\_ID=’’   * IF selected currency code <> VAR\_GSM\_COMPANY.CBASE\_CURRENCY\_CODE THEN Enabled ELSE Disabled   ELSE IF PARAM\_CALLER\_ID IN (PMT05500)   * Disabled   </CR6> |
| Transaction Currency Code | CCURRENCY\_CODE | Textbox, disabled |  |
| Base Currency (Currency Rate) | NBCURRENCY\_RATE | Textbox | <CR6>  IF PARAM\_CALLER\_ID=’’   * IF selected currency code <> VAR\_GSM\_COMPANY.CBASE\_CURRENCY\_CODE THEN Enabled ELSE Disabled   ELSE IF PARAM\_CALLER\_ID IN (PMT05500)   * Disabled   </CR6> |
| Base Currency Code | VAR\_GSM\_COMPANY.CBASE\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Prelist | NPRELIST\_AMOUNT | Textbox |  |
| Total Debit | NDEBIT\_AMOUNT | Textbox, disabled |  |
| Total Credit | NCREDIT\_AMOUNT | Textbox, disabled |  |
| Status | CSTATUS\_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 |  |

#### JOURNAL DETAIL GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Journal Detail ID | CREC\_ID | Hidden |  |
| Account Type | CBSIS | Hidden |  |
| <CR6> |  |  |  |
| Input Type | CINPUT\_TYPE | Hidden  Default to M |  |
| </CR6> |  |  |  |
| No. | INO | Label |  |
| Account No. | CGLACCOUNT\_NO | Lookup | <CR6>  IF INPUT TYPE=A THEN   * Disabled   ELSE IF VAR\_SAVE\_MODE=EDIT THEN Enabled ELSE Disabled  </CR6>   * To upper case (convert input data ke upper case) * Maximum 20 characters * <CR5> * IF Ref. Date Period (yyyymm) < VAR\_GL\_SYSTEM\_PARAM.CSTART\_PERIOD   + Set VAR\_PROGRAM\_CODE=GLM00101 * ELSE   + Set VAR\_PROGRAM\_CODE=GLM00100 * </CR5> * On lost focus   + Panggil program lookup GSL00500 dengan parameter dan simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - ‘’ (Empty String)     - ~~GLM00100~~ VAR\_PROGRAM\_CODE CR5     - ‘’ (Empty String)     - ‘’ (Empty String)     - 0     - 0     - VAR\_USER\_ID     - ‘’ (Empty String)     - VAR\_LANGUAGE\_ID     - Input Suspense Account No. * IF VAR\_RESULT empty   + Display message “GL Account [INPUT Account No] not found!”, [OK]   + Set focus ke field Account * IF VAR\_RESULT not empty   + Set Account Name = CGLACCOUNT\_NAME   + Set Account Type = CBSIS   + IF (<CR7> ~~CBSIS=I AND VAR\_GSM\_COMPANY.LENABLE\_CENTER\_IS=0) OR (CBSIS=B AND VAR\_GSM\_COMPANY.LENABLE\_CENTER\_BS=0)~~  CBSIS=B AND VAR\_GSM\_COMPANY.LENABLE\_CENTER\_IS=1)  </CR7>     - Reset Field Center Code dan Center Name |
| Account Name | CGLACCOUNT\_NAME | Label |  |
| Center | CCENTER\_CODE | Combobox  Isi combox dengan RSP\_GS\_GET\_CENTER\_LIST dengan parameter:   * VAR\_COMPANY\_ID * VAR\_USER\_ID   Set Item Code=CCENTER\_CODE  Set Item Name=CCENTER\_NAME | <CR6>  IF INPUT TYPE=A THEN   * Disabled   ELSE IF VAR\_SAVE\_MODE=EDIT AND ((<CR7>  ~~Selected Account Type=B AND~~</CR7>  VAR\_GSM\_COMPANY.LENABLE\_CENTER\_BS=1) OR (Selected Account Type=I AND VAR\_GSM\_COMPANY.LENABLE\_CENTER\_IS=1)) THEN Enabled ELSE Disabled  </CR6> |
| D/C | CDBCR | Label | IF Debit > 0 AND Credit=0 THEN D  ELSE IF Debit=0 AND Credit > 0 THEN C  ELSE ‘’ |
| Debit | NDEBIT | Textbox | <CR6>  IF PARAM\_DBCR=’’ OR PARAM\_DBCR=D THEN Enabled ELSE Disabled  </CR6>  Numeric with 2 decimal point |
| Credit | NCREDIT | Textbox | <CR6>  IF PARAM\_DBCR=’’ OR PARAM\_DBCR=C THEN Enabled ELSE Disabled  </CR6>  Numeric with 2 decimal point |
| Description | CDETAIL\_DESC | Textbox | <CR6>  IF Input Type=M THEN Enabled ELSE Disabled  </CR6> |
| Voucher No. | CDOCUMENT\_NO | Textbox | <CR6>  IF Input Type=M THEN Enabled ELSE Disabled  </CR6>  Maximum 30 karakter CR4 |
| Voucher Date | CDOCUMENT\_DATE | Textbox | <CR6>  IF Input Type=M THEN Enabled ELSE Disabled  </CR6> |
|  |  |  |  |
| DB (Local) | NLDEBIT | Label |  |
| CR (Local) | NLCREDIT | Label |  |
| DB (Base) | NBDEBIT | Label |  |
| CR (Base) | NBCREDIT | Label |  |
| Grid Mode   * Allow Add, Edit, Delete   Grid Process   * Add -> Jalankan ADD JOURNAL DETAIL PROCESS * Edit -> Jalankan EDIT JOURNAL DETAIL PROCESS * Delete -> Jalankan DELETE JOURNAL DETAIL PROCESS * Save -> Jalankan Save JOURNAL DETAIL PROCESS | | | |
|  |  |  |  |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Add | <CR6>  IF PARAM\_CALLER\_ACTION NOT EMPTY THEN Hidden ELSE Displayed  </CR6>  IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Copy | <CR6>  IF PARAM\_CALLER\_ACTION NOT EMPTY THEN Hidden ELSE Displayed  </CR6>  IF VAR\_SAVE\_MODE=VIEW AND has data di form THEN Enabled ELSE Disabled |
| Modify | <CR6>  IF PARAM\_CALLER\_ACTION=VIEW\_ONLY THEN Hidden ELSE Displayed  </CR6>  IF VAR\_SAVE\_MODE=VIEW AND Selected Journal CSTATUS=00 THEN Enabled ELSE Disabled |
| Delete | <CR6>  IF PARAM\_CALLER\_ACTION=VIEW\_ONLY THEN Hidden ELSE Displayed  </CR6>  <CR2>~~IF VAR\_SAVE\_MODE=VIEW AND Selected Journal CSTATUS <> 99 THEN Enabled ELSE Disabled~~  IF VAR\_SAVE\_MODE=VIEW AND Selected Journal CSTATUS=00 THEN Enabled ELSE Disabled  </CR2> |
|  |  |
| Cancel | <CR6>  IF PARAM\_CALLER\_ACTION=VIEW\_ONLY THEN Hidden ELSE Displayed  </CR6>  IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Save | <CR6>  IF PARAM\_CALLER\_ACTION=VIEW\_ONLY THEN Hidden ELSE Displayed  </CR6>  IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Print | <CR6>  IF PARAM\_CALLER\_ACTION=VIEW\_ONLY THEN Hidden ELSE Displayed  </CR6>  IF VAR\_SAVE\_MODE=VIEW AND has data di form THEN Enabled ELSE Disabled |
|  |  |
| Submit | <CR6>  IF PARAM\_CALLER\_ACTION=VIEW\_ONLY THEN Hidden ELSE Displayed  </CR6>  IF VAR\_SAVE\_MODE=VIEW AND (CSTATUS=00 OR CSTATUS=10) THEN Enabled ELSE Disabled  IF Selected Journal CSTATUS=10 THEN Set button label=Undo Submit ELSE Set Button label=Submit |
| Approve | <CR6>  IF PARAM\_CALLER\_ACTION=VIEW\_ONLY THEN Hidden ELSE Displayed  </CR6>  IF Selected Journal CSTATUS=10 AND VAR\_GSM\_TRANSACTION\_CODE.LAPPROVAL\_FLAG=1 THEN Enabled ELSE Disabled |
| Commit | <CR6>  IF PARAM\_CALLER\_ACTION=VIEW\_ONLY THEN Hidden ELSE Displayed  </CR6>  <CR5>  ~~IF Selected Journal (CSTATUS=20 OR (CSTATUS=10 AND VAR\_GSM\_TRANSACTION\_CODE.LAPPROVAL\_FLAG=0)) OR (CSTATUS=80 AND VAR\_IUNDO\_COMMIT\_JRN <> 1) AND CJOURNAL\_PERIOD >= VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD THEN Enabled ELSE Disabled~~  IF Selected Journal (CSTATUS=20) OR (CSTATUS=80 AND VAR\_IUNDO\_COMMIT\_JRN <> 1) AND CJOURNAL\_PERIOD >= VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD THEN Enabled ELSE Disabled  </CR5>  IF Selected Journal CSTATUS=80 THEN Set button label=Undo Commit ELSE Set Button label=Commit |

### REFRESH FORM PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh form dengan RSP\_GL\_GET\_JOURNAL dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_JOURNAL\_ID   + VAR\_LANGUAGE\_ID * Refresh JOURNAL DETAIL grid dengan RSP\_GL\_GET\_JOURNAL\_DETAIL\_LIST dengan parameter   + Selected Journal CREC\_ID di tab Journal List   + VAR\_LANGUAGE\_ID * Disable JOURNAL DETAIL grid * Jalankan DISPLAY PROCESS |

### REFRESH CURRENCY RATE PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_GS\_GET\_LAST\_CURRENCY\_RATE dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + Selected Currency Code   + VAR\_GL\_SYSTEM\_PARAM.CRATETYPE\_CODE   + Input Reference Date dengan format yyyymmdd * IF VAR\_RESULT not Empty   + Set Local Currency Base Rate = VAR\_RESULT.NLBASE\_RATE   + Set Local Currency Rate = VAR\_RESULT.NLCURRENCY\_RATE   + Set Base Currency Base Rate = VAR\_RESULT.NBBASE\_RATE   + Set Base Currency Rate = VAR\_RESULT.NBCURRENCY\_RATE * ELSE   + Set Local Currency Base Rate = 1   + Set Local Currency Rate = 1   + Set Base Currency Base Rate = 1   + Set Base Currency Rate = 1 |

### ADD JOURNAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = NEW * Disable Tab Journal List * Reset Form * Reset JOURNAL DETAIL Grid * Enable Edit JOURNAL DETAIL Grid * Enable Edit Semua Editable field * Enable button   + Save   + Cancel * Disable button   + Add   + Copy   + Modify   + Delete   + Print   + Submit   + Approve   + Commit * Set focus ke Department |

### EDIT JOURNAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = EDIT * Disable Tab Journal List * Enable Edit Semua Editable field * Enable button   + Save   + Cancel * Disable button   + Add   + Copy   + Modify   + Delete   + Print   + Submit   + Approve   + Commit * Set focus ke Department |

### DELETE JOURNAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Display Confirmation message ‘Are you sure want to delete this journal?’[Yes/No] * IF No THEN kembali ke form * Jalankan RSP\_GL\_UPDATE\_JOURNAL\_STATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_USER\_ID   + Selected Journal->CREC\_ID   + 99   + 0   + 0 * IF Success   + Display message ‘Journal Deleted Successfully!’ * ELSE   + Display Error Message |

### COPY JOURNAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = NEW * Disable Tab Journal List * Reset Journal No. * Enable Edit Semua Editable field * Enable button   + Save   + Cancel * Disable button   + Add   + Copy   + Modify   + Delete   + Print   + Submit   + Approve   + Commit * Set focus ke Department |

### SUBMIT JOURNAL PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| CSTATUS  CREF\_PRD | CSTATUS=00  AND  CREF\_PRD < VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD | Cannot Submit Journal with date earlier than Soft Close Period! |

#### ACTION

|  |
| --- |
|  |
| * IF selected journal CSTATUS=10   + Display confirmation message ‘Are you sure want to undo submit this journal? [Yes/No]’   + IF Yes THEN Continue Process ELSE Kembali ke form * ELSE   + Display confirmation message ‘Are you sure want to submit this journal? [Yes/No]’   + IF Yes THEN Continue Process ELSE Kembali ke form * Set VAR\_NEW\_STATUS=IF Selected Journal CSTATUS=00 THEN 10 ELSE 00 * Jalankan RSP\_GL\_UPDATE\_JOURNAL\_STATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_USER\_ID   + Selected Journal->CREC\_ID   + VAR\_NEW\_STATUS   + 0   + 0 * IF Success   + Display Error Message * Jalankan REFRESH FORM PROCESS |

### APPROVE JOURNAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * IF selected journal LALLOW\_APPROVE=0   + Display message ‘You don’t have right to approve this journal!’   + Kembali ke form * Display confirmation message ‘Are you sure want to approve this journal? [Yes/No]’ * IF Yes THEN Continue Process ELSE Kembali ke form * Jalankan RSP\_GL\_UPDATE\_JOURNAL\_STATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_USER\_ID   + Selected Journal->CREC\_ID   + 20   + VAR\_GL\_SYSTEM\_PARAM.LCOMMIT\_APRJRN   + 0 * IF Success   + Display message ‘Journal Approved Successfully!’ * ELSE   + Display Error Message * Jalankan DISPLAY PROCESS |

### COMMIT JOURNAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * IF selected journal CSTATUS=80   + Display confirmation message ‘Are you sure want to undo commit this journal? [Yes/No]’   + IF Yes THEN Continue Process ELSE Kembali ke form * ELSE   + Display confirmation message ‘Are you sure want to commit this journal? [Yes/No]’   + IF Yes THEN Continue Process ELSE Kembali ke form * <CR5> * IF selected Journal CSTATUS=80   + IF VAR\_GSM\_TRANSACTION\_CODE.LAPPROVAL\_FLAG=1     - Set VAR\_NEW\_STATUS=10   + ELSE     - Set VAR\_NEW\_STATUS=00 * ELSE   + Set VAR\_NEW\_STATUS=80 * </CR5> * Jalankan RSP\_GL\_UPDATE\_JOURNAL\_STATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_USER\_ID   + Selected Journal->CREC\_ID   + ~~IF Selected Journal CSTATUS=80 THEN 10 ELSE 80~~ VAR\_NEW\_STATUS CR5   + 0   + IF Selected Journal CSTATUS=80 THEN 1 ELSE 0 * IF Success   + IF Selected Journal CSTATUS=80     - Display message ‘Journal Undo Committed Successfully!’   + ELSE     - Display message ‘Journal Committed Successfully!’   + Refresh JOURNAL grid * ELSE   + Display Error Message * Jalankan DISPLAY PROCESS |

### SAVE JOURNAL PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Department | Empty | Please select Department! CR3 |
| Reference No. | Empty AND  VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG=0 | Reference No. is required! |
| Reference Date | Empty | Reference Date is required! |
|  | < VAR\_CCURRENT\_PERIOD\_START\_DATE | Reference Date may not be earlier than Current Period! |
|  | > Today | Reference Date may not be later than today! |
| <CR4> |  |  |
| ~~Document No.~~ | ~~Empty AND~~  ~~Doc. Date Not Empty~~ | ~~Please input Document No.!~~ |
| ~~Doc. Date~~ | ~~Not Empty AND > today~~ | ~~Document Date cannot be after today!~~ |
|  | ~~Not Empty AND < VAR\_CCURRENT\_PERIOD\_START\_DATE~~ | ~~Document Date cannot be before Current Period!~~ |
|  | ~~Empty AND~~  ~~Document No. NOT Empty~~ | ~~Please input Document Date!~~ |
| Document No. | Empty | Document No. is required! |
| Doc. Date | Empty | Document Date is required! |
|  | Not Empty  AND < VAR\_CCURRENT\_PERIOD\_START\_DATE | Document Date may not be earlier Current Period! |
| </CR4> |  |  |
|  |  |  |
| Description | Empty | Description is required! |
| Journal Detail List | Empty | Please input Journal Detail! |
|  |  |  |
| Journal Amount | (Total Debit Amount > 0 OR Total Credit Amount > 0)  AND  Total Debit Amount <> Total Credit Amount | Total Debit Amount must be equal to Total Credit Amount |
|  | Total Debit Amount=0 OR Total Credit Amount=0 | Total Debit Amount or Total Credit Amount cannot be 0! |
| Prelist | >0  AND  Prelist <> Total Debit Amount | Journal amount is not equal to Prelist! |
| Local Currency Base Rate | <= 0 | Local Currency Base Rate must be greater than 0! |
| Local Currency Rate | <= 0 | Local Currency Rate must be greater than 0! |
| Base Currency Base Rate | <= 0 | Base Currency Base Rate must be greater than 0! |
| Base Currency Rate | <= 0 | Base Currency Rate must be greater than 0! |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Create temporary table #GLT0100\_JOURNAL\_DETAIL dengan structure berikut:   + CGLACCOUNT\_NO VARCHAR(20)   + CCENTER\_CODE VARCHAR(10)   + CDBCR CHAR(1)   + NAMOUNT NUMERIC(19,2)   + CDETAIL\_DESC NVARCHAR(200)   + CDOCUMENT\_NO VARCHAR(20)   + CDOCUMENT\_DATE VARCHAR(8)   + CINPUT\_TYPE CHAR(1) Default value M CR6 * Insert data di JOURNAL DETAIL grid ke temporary table #GLT0100\_JOURNAL\_DETAIL * <CR8> * Jalankan proses berikut dalam 1 TRANSACTION BLOCK   + Jalankan RSP\_GL\_SAVE\_JOURNAL dengan parameter berikut, simpan hasil ke VAR\_RESULT:     - VAR\_USER\_ID     - IF VAR\_SAVE\_MODE=NEW THEN ‘’ ELSE Selected Journal CREC\_ID     - VAR\_SAVE\_MODE     - VAR\_COMPANY\_ID     - Selected Department Code     - VAR\_TRANS\_CODE     - IF VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG=0 THEN {Input Reference No} ELSE Empty String     - Input Document No.     - Input Document Date dengan format yyyymmdd     - Input Reference Date dengan format yyyymmdd     - ‘’ (Empty String)     - 0     - Input Description     - Selected Currency Code     - Input Local Currency Base Rate     - Input Local Currency Rate     - Input Base Currency Base Rate     - Input Base Currency Rate     - Input Prelist     - <CR6>     - IF PARAM\_CALLER\_TRANS\_CODE EMPTY THEN ‘’ ELSE PARAM\_CALLER\_TRANS\_CODE     - IF PARAM\_CALLER\_REF\_NO EMPTY THEN ‘’ ELSE PARAM\_CALLER\_REF\_NO     - IF PARAM\_CALLER\_ID EMPTY THEN ‘GL’ ELSE LEFT(PARAM\_CALLER\_ID, 2)   + </CR6>   + IF PARAM\_CALLER\_ID NOT EMPTY AND VAR\_SAVE\_MODE=NEW     - Jalankan RSP\_PM\_SAVE\_DEPOSIT\_DT dengan paramater       * VAR\_COMPANY\_ID       * PARAM\_DEPT\_CODE       * PARAM\_TRANS\_CODE       * PARAM\_CALLER\_REF\_NO       * PARAM\_SEQ\_NO       * GS       * VAR\_RESULT.CJRN\_ID       * VAR\_USER\_ID      * + IF Success     - COMMIT TRANSACTION     - Enable Tab Journal List     - Set VAR\_JOURNAL\_ID = VAR\_RESULT.CJRN\_ID   + ELSE     - ROLLBACK TRANSACTION     - Display error message * </CR8> * Set VAR\_SAVE\_MODE = VIEW * Enable Tab Journal List * Jalankan REFRESH FORM PROCESS |
|  |

### CANCEL SAVE JOURNAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Display Confirmation Message “You haven’t saved your changes. Are you sure want to cancel? [Yes/No]”      * IF Yes   + Jalankan REFRESH FORM PROCESS * IF No   + Kembali ke form |

### ADD JOURNAL DETAIL PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| <CR4> |  |  |
| Document No. | Empty | Please input Document No. first before input Journal Detail! |
| Doc. Date | Empty | Please input Document Date first before input Journal Detail! |
|  | Not Empty  AND < VAR\_CCURRENT\_PERIOD\_START\_DATE | Invalid Document Date! Document Date may not be earlier than Current Period! |
| Description | Empty | Please input Description first before input Journal Detail! |
| </CR4> |  |  |

#### ACTION

|  |
| --- |
|  |
| * Enable Edit semua editable field * Set No = Total row JOURNAL DETAIL + 1 * Set focus ke Account No. * Set Description = Journal Description * Set Voucher = Journal Document No. * Set Voucher Date = Journal Document Date |

### EDIT JOURNAL DETAIL PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| <CR4> |  |  |
| Document No. | Empty | Please input Document No. first before input Journal Detail! |
| Doc. Date | Empty | Please input Document Date first before input Journal Detail! |
|  | Not Empty  AND < VAR\_CCURRENT\_PERIOD\_START\_DATE | Invalid Document Date! Document Date may not be earlier than Current Period! |
| Description | Empty | Please input Description first before input Journal Detail! |
| </CR4> |  |  |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Enable Edit semua editable field * Set focus ke Account No. |

### DELETE JOURNAL DETAIL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * <CR6> * IF Input Type=A   + Display message ‘Selected Journal cannot be deleted!’   + Kembali ke form * </CR6> * Display Confirmation Message ‘Delete Selected Journal Detail? [Yes/No]’ * IF Yes   + Hapus data dari Grid   + Jalankan proses renumbering JOURNAL DETAIL grid untuk kolom No.   + Jalankan REFRESH JOURNAL DETAIL PROCESS |

### REFRESH JOURNAL DETAIL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set Journal Debit = Total Debit dari seluruh Journal Detail * Set Journal Credit = Total Credit dari seluruh Journal Detail |

### SAVE JOURNAL DETAIL PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Account No. | Empty | Account No. is required! |
|  | Already exists in JOURNAL DETAIL grid | Account No. [Input Account No.] already exists! |
| Center Code | Empty  AND  ((<CR7>~~Selected Account Type=B AND~~ </CR7> VAR\_GSM\_COMPANY.LENABLE\_CENTER\_BS=1) OR (Selected Account Type=I AND VAR\_GSM\_COMPANY.LENABLE\_CENTER\_IS=1)) | Center Code is required for Account No. [Input Account No.]! |
| Debit  Credit | Debit=0  AND  Credit=0 | Journal amount cannot be 0! |
|  | Debit > 0  AND  Credit > 0 | Journal amount can only be either Debit or Credit! |

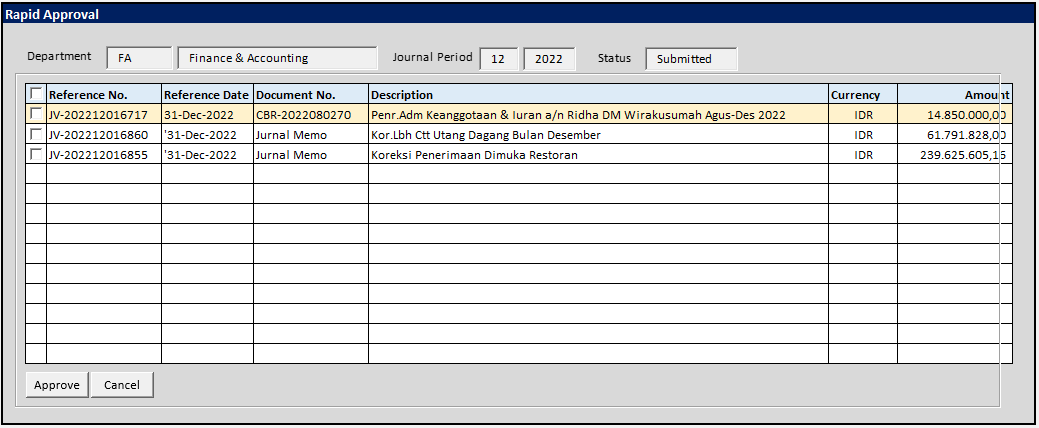
#### ACTION

|  |
| --- |
|  |
| * Set D/C = IF Debit > 0 THEN D ELSE C * Jalankan REFRESH JOURNAL DETAIL |

## POPUP RAPID APPROVAL

### USER INTERFACE

#### INITIAL VERSION



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Approve | Jalankan APPROVE PROCESS |
| Cancel | Tutup Form |
|  |  |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Refresh Journal Grid dengan RSP\_GL\_SEARCH\_JOURNAL\_LIST dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_TRANS\_CODE   + Selected Department Code   + Selected Journal Period dengan format YYYYMM   + 10 (Hardcoded)   + ‘’ (Empty String)   + VAR\_LANGUAGE\_ID |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Department | Selected Department Code  Selected Department Name | Textbox, disabled |  |
| Journal Period | Selected Journal Period | Textbox, disabled |  |
| Status |  | Textbox, disabled  Set value=Submitted |  |

#### JOURNAL GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Journal ID | CREC\_ID | Hidden |  |
| Journal Period | CREF\_PRD | Hidden |  |
| Record Selector |  | Checkbox |  |
| Reference No. | CREF\_NO | Label |  |
| Reference Date | CREF\_DATE | Label |  |
| Document No. | CDOC\_NO | Label |  |
| Description | CTRANS\_DESC | Label |  |
| Currency | CCURRENCY\_CODE | Label |  |
| Amount | NTRANS\_AMOUNT | Label |  |
|  |  |  |  |
|  | | | |

#### BUTTON MODE

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

### APPROVE PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Record Selector | No Record Selected | Please select Journal to approve! |
|  |  |  |

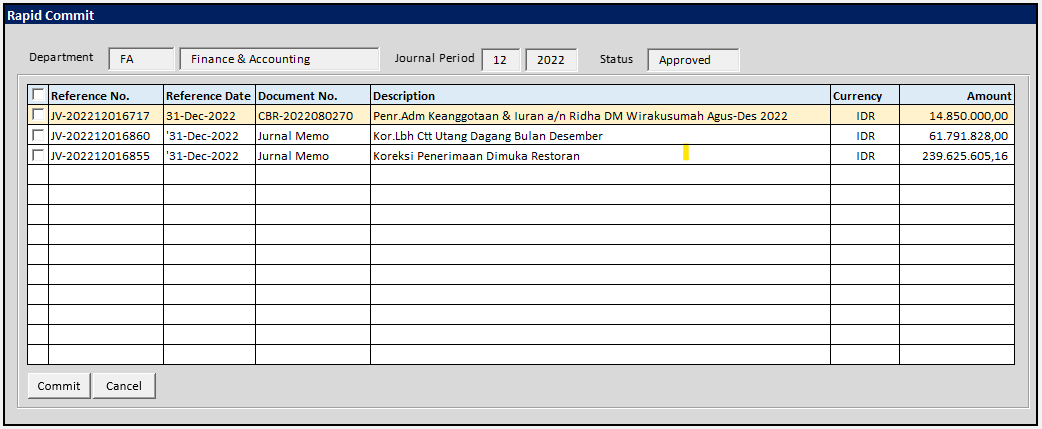
#### ACTION

|  |
| --- |
|  |
| * Set VAR\_JOURNAL\_LIST = List of selected Journal ID dengan comma separator seperti ‘ID01,ID02,ID03,..ID[N]’ * Jalankan RSP\_GL\_UPDATE\_JOURNAL\_STATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_USER\_ID   + VAR\_JOURNAL\_LIST   + 20   + VAR\_GL\_SYSTEM\_PARAM.LCOMMIT\_APRJRN   + 0 * IF Success   + Display message ‘Selected Journal(s) Approved Successfully!’   + Refresh JOURNAL grid * ELSE   + Display Error Message * Jalankan DISPLAY PROCESS |

## POPUP RAPID COMMIT

### USER INTERFACE

#### INITIAL VERSION



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Approve | Jalankan COMMIT PROCESS |
| Cancel | Tutup Form |
|  |  |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Refresh Journal Grid dengan RSP\_GL\_SEARCH\_JOURNAL\_LIST dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_TRANS\_CODE   + Selected Department Code   + Selected Journal Period dengan format YYYYMM   + 20 (Hardcoded)   + ‘’ (Empty String)   + VAR\_LANGUAGE\_ID |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Department | Selected Department Code  Selected Department Name | Textbox, disabled |  |
| Journal Period | Selected Journal Period | Textbox, disabled |  |
| Status |  | Textbox, disabled  Set value=Approved |  |

#### JOURNAL GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Journal ID | CREC\_ID | Hidden |  |
| Journal Period | CREF\_PRD | Hidden |  |
| Record Selector |  | Checkbox |  |
| Reference No. | CREF\_NO | Label |  |
| Reference Date | CREF\_DATE | Label |  |
| Document No. | CDOC\_NO | Label |  |
| Description | CTRANS\_DESC | Label |  |
| Currency | CCURRENCY\_CODE | Label |  |
| Amount | NTRANS\_AMOUNT | Label |  |
|  |  |  |  |
| Grid Mode   * Allow Edit | | | |
|  | | | |

#### BUTTON MODE

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

### COMMIT PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Record Selector | No Record Selected | Please select Journal to commit! |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_JOURNAL\_LIST = List of selected Journal ID dengan comma separator seperti ‘ID01,ID02,ID03,..ID[N]’ * Jalankan RSP\_GL\_UPDATE\_JOURNAL\_STATUS dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_USER\_ID   + VAR\_JOURNAL\_LIST   + 80   + VAR\_GL\_SYSTEM\_PARAM.LCOMMIT\_APRJRN   + 0 * IF Success   + Display message ‘Selected Journal(s) Approved Successfully!’   + Refresh JOURNAL grid * ELSE   + Display Error Message * Jalankan DISPLAY PROCESS |

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| 00  24-Mar-2023 | * INITIAL VERSION |  |
| CR1  20-Sep-2023 | * Ubah manual query ke SP | </CR6> |
| CR2  08-Mar-2024 | * Ubah validasi enable/disable button delete | Hasil QC dari Teja, Mar 8th, 2024 |
| CR3  18-Mar-2024 | * Set Default Department to Closing Entries Department * Tambah validasi department | Requested by Teja, Mar 18th, 2024 |
| CR4  21-Mar-2024 | * Ubah Document No., Doc. Date jadi mandatory * Validasi description, document no, document date harus diisi sebelum input journal detail * Tambah validasi journal detail voucher no maximum 30 karakter | Request dari QC Mar 20th, 2024 |
| CR5  24-Apr-2024 | * Validasi button commit * Validasi Dept. Code dan Reference No. * Update lookup COA (exclude/include) Cash Bank | Temuan QC, Apr 24th, 2024 |
| CR6  06-May-2024 | * Tambah Input Parameter untuk fitur program dipanggil dari program lain |  |
| CR7  11-Oct-2024 | * Revisi validasi enable/disable Center Code di journal detail | Hasil diskusi dengan Teja, Oct 11th, 2024  IF Setting BS By Center THEN Center Code is Mandatory  IF setting IS By Center Then Center Code is only Mandatory for GL Account No with Type IS |
| CR8  21-Oct-2024 | * Update Save Process Refund Deposit | </CR8> |

#### TEMPLATE

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
|  |