## PROGRAM DEFINITION

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

## RELATED TABLES

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

## 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) * Jalankan query berikut, simpan hasil ke VAR\_GSM\_COMPANY  SELECT CCOGS\_METHOD  ,LENABLE\_CENTER\_IS  ,LENABLE\_CENTER\_BS  ,LPRIMARY\_ACCOUNT  ,CBASE\_CURRENCY\_CODE   ,CLOCAL\_CURRENCY\_CODE FROM GSM\_COMPANY (NOLOCK) WHERE CCOMPANY\_ID = VAR\_COMPANY\_ID * Jalankan RSP\_GL\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_GL\_SYSTEM\_PARAM   + VAR\_COMPANY\_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 * 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 * 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 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 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 |  |

## 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 | * 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 |
| 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  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  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 | 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=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 * 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   + IF VAR\_IUNDO\_COMMIT\_JRN=3     - 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 * 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 20 ELSE 80   + 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 query berikut, simpan hasil ke VAR\_RESULT  SELECT TOP 1 1  FROM GSM\_TRANSACTION\_APPROVAL (NOLOCK) WHERE CCOMPANY\_ID = VAR\_COMPANY\_ID AND CTRANSACTION\_CODE =VAR\_TRANS\_CODE AND CDEPT\_CODE =selected department code AND CUSER\_ID =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

#### INITIAL VERSION

Graphical user interface, application

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 | Jalankan SUBMIT JOURNAL PROCESS |
| Approve | Jalankan APPROVE JOURNAL PROCESS |
| Commit/Undo Commit | Jalankan COMMIT JOURNAL PROCESS |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

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

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Journal ID | CREC\_ID | Hidden |  |
| Allow Approve | LALLOW\_APPROVE | Hidden |  |
| Department | CDEPT\_CODE | Lookup | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * 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  IF VAR\_SAVE\_MODE=VIEW   * Disabled   ELSE   * IF VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG=0 THEN Enabled ELSE Disabled |
| 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 | Maximum 30 karakter  IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
|  |  |  |  |
| Doc. Date | CDOC\_DATE | Datepicker | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| 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 | On selected value changed   * Jalankan REFRESH CURRENCY RATE PROCESS |
| Local Currency (Base Rate) | NLBASE\_RATE | Textbox | IF selected currency code <> VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE THEN Enabled ELSE Disabled |
| Transaction Currency Code | CCURRENCY\_CODE | Textbox, disabled |  |
| Local Currency Rate | NLCURRENCY\_RATE | Textbox | IF selected currency code <> VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE THEN Enabled ELSE Disabled |
| Local Currency Code | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Base Currency (Base Rate) | NBBASE\_RATE | Textbox | IF selected currency code <> VAR\_GSM\_COMPANY.CBASE\_CURRENCY\_CODE THEN Enabled ELSE Disabled |
| Transaction Currency Code | CCURRENCY\_CODE | Textbox, disabled |  |
| Base Currency (Currency Rate) | NBCURRENCY\_RATE | Textbox | IF selected currency code <> VAR\_GSM\_COMPANY.CBASE\_CURRENCY\_CODE THEN Enabled ELSE Disabled |
| 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 |  |
| No. | INO | Label |  |
| Account No. | CGLACCOUNT\_NO | Lookup | IF VAR\_SAVE\_MODE=EDIT THEN Enabled ELSE Disabled   * To upper case (convert input data ke upper case) * Maximum 10 characters * On lost focus   + Panggil program lookup GSL00500 dengan parameter dan simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - ‘’ (Empty String)     - GLM00100     - ‘’ (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 (CBSIS=I AND VAR\_GSM\_COMPANY.LENABLE\_CENTER\_IS=0) OR (CBSIS=B AND VAR\_GSM\_COMPANY.LENABLE\_CENTER\_BS=0)     - 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 | IF VAR\_SAVE\_MODE=EDIT AND ((Selected Account Type=B AND VAR\_GSM\_COMPANY.LENABLE\_CENTER\_BS=1) OR (Selected Account Type=I AND VAR\_GSM\_COMPANY.LENABLE\_CENTER\_IS=1)) THEN Enabled ELSE Disabled |
| 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 | Numeric with 2 decimal point |
| Credit | NCREDIT | Textbox | Numeric with 2 decimal point |
| Description | CDETAIL\_DESC | Textbox |  |
| Voucher No. | CDOCUMENT\_NO | Textbox |  |
| Voucher Date | CDOCUMENT\_DATE | Textbox |  |
|  |  |  |  |
| 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 | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Copy | IF VAR\_SAVE\_MODE=VIEW AND has data di form THEN Enabled ELSE Disabled |
| Modify | IF VAR\_SAVE\_MODE=VIEW AND Selected Journal CSTATUS=00 THEN Enabled ELSE Disabled |
| Delete | IF VAR\_SAVE\_MODE=VIEW AND Selected Journal CSTATUS <> 99 THEN Enabled ELSE Disabled |
|  |  |
| Cancel | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Save | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Print | IF VAR\_SAVE\_MODE=VIEW AND has data di form THEN Enabled ELSE Disabled |
|  |  |
| Submit | 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 | IF Selected Journal CSTATUS=10 AND VAR\_GSM\_TRANSACTION\_CODE.LAPPROVAL\_FLAG=1 THEN Enabled ELSE Disabled |
| Commit | 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=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 before 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 * 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   + IF VAR\_IUNDO\_COMMIT\_JRN=3     - 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 * 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 20 ELSE 80   + 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** |
| Reference No. | Empty | Reference No. is required! |
| Reference Date | Empty | Reference Date is required! |
|  | < VAR\_CCURRENT\_PERIOD\_START\_DATE | Reference Date cannot be before Current Period! |
| 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! |
| Description | Empty | Description is required! |
| 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 |
| 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) * Insert data di JOURNAL DETAIL grid ke temporary table #GLT0100\_JOURNAL\_DETAIL * 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 * IF Success   + Enable Tab Journal List   + Set VAR\_JOURNAL\_ID = VAR\_RESULT.CJRN\_ID * IF Error   + Display error message * 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** |
|  |  |  |
|  |  |  |

#### 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** |
|  |  |  |
|  |  |  |

#### ACTION

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

### DELETE JOURNAL DETAIL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * 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  ((Selected Account Type=B AND 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! |

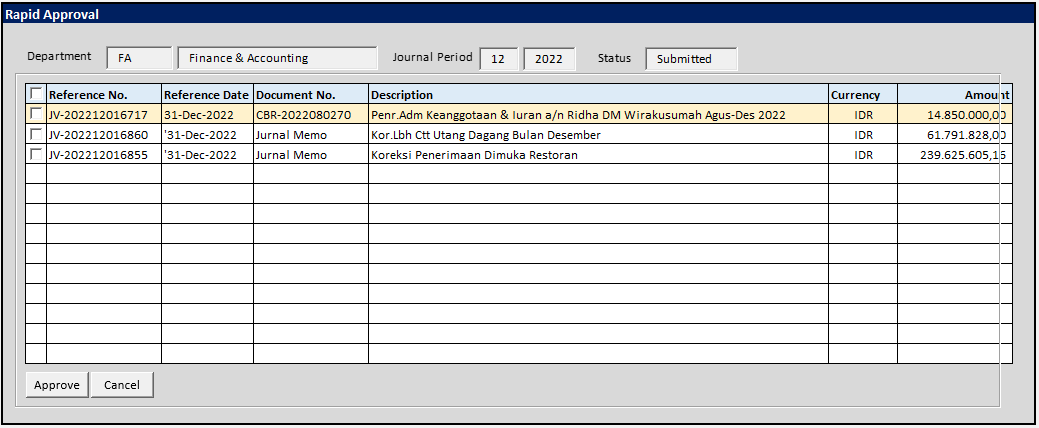
#### ACTION

|  |
| --- |
|  |
| * 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! |
|  |  |  |

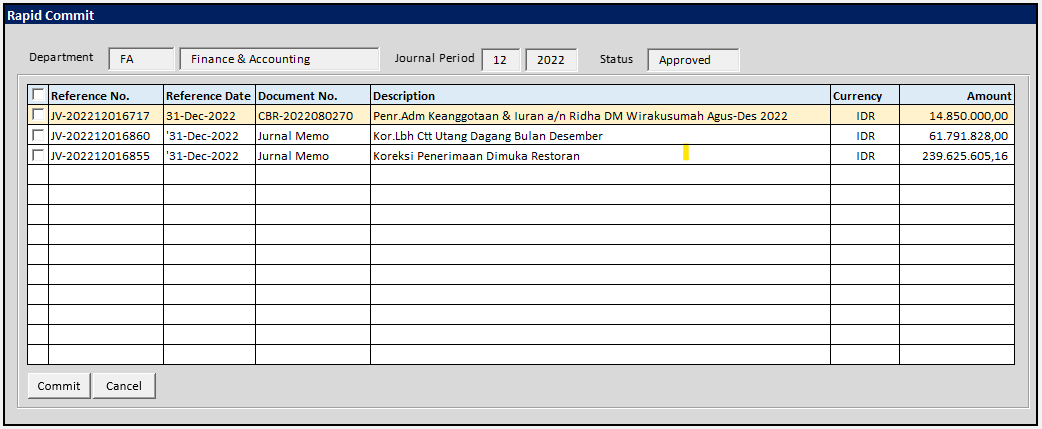
#### ACTION

|  |
| --- |
|  |
| * 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 |  |
|  |  |  |
|  |  | </CR2> |
|  |  |  |

#### TEMPLATE

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
|  |