## PROGRAM DEFINITION

|  |
| --- |
|  |
| * Program untuk create, update, delete, generate budget |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * GLM\_BUDGET\_HD * GLM\_BUDGET\_DT * GLM\_BUDGET\_UPLOAD * GLB\_DATA\_UPLOAD\_VALIDATION * GSM\_COA * GLA\_ACCOUNT\_BALANCE * GSM\_CENTER * GSB\_CODE\_DT | * RW * RW * RW * RW * R * R * R * R |

## ROLES

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

## INITIAL PROCESS

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

## TAB BUDGET LIST

### USER INTERFACE

#### INITIAL VERSION

A screenshot of a computer

Description automatically generated with medium confidence

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Refresh | Jalankan REFRESH BUDGET LIST PROCESS |
| Add | Jalankan ADD BUDGET PROCESS |
| Modify | Jalankan EDIT BUDGET PROCESS |
| Delete | Jalankan DELETE BUDGET PROCESS |
| Final | Jalankan FINAL BUDGET PROCESS |
| Upload | Jalankan POPUP UPLOAD BUDGET |
| Template | Jalankan DOWNLOAD TEMPLATE PROCESS |
| Cancel | Jalankan CANCEL SAVE BUDGET PROCESS |
| Save | Jalankan SAVE BUDGET PROCESS |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

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

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
|  |  |  |  |
|  |  |  |  |
| Year |  | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Minimum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default selected value = VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD\_YY | On value changed   * Jalankan REFRESH BUDGET LIST PROCESS |
| Budget No. | CBUDGET\_NO | Textbox | Mandatory  Maximum 20 karakter  IF VAR\_SAVE\_MODE=NEW THEN Enabled ELSE Disabled |
| Final | LFINAL | Checkbox | Disabled |
| Budget Name | CBUDGET\_NAME | Textbox | Mandatory  Maximum 50 karakter  IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Currency Type | CCURRENCY\_TYPE | Combobox  <CR2>  ~~Isi combox dengan query   SELECT CCODE ,CDESCRIPTION FROM RFT\_GET\_GSB\_CODE\_INFO('BIMASAKTI', VAR\_COMPANY\_ID, '\_CURRENCY\_TYPE', '', VAR\_LANGUAGE\_ID)~~  Isi combox dengan RSP\_GS\_GET\_GSB\_CODE\_LIST dengan parameter   * BIMASAKTI * VAR\_COMPANY\_ID * \_CURRENCY\_TYPE * VAR\_LANGUAGE\_ID   </CR2>  Set Item Code=CCODE  Set Item Name=CDESCRIPTION | Mandatory  IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Updated By | CUPDATE\_BY | Textbox, disabled |  |
| Updated Date | DUPDATE\_DATE | Textbox, disabled |  |
| Created By | CCREATE\_BY | Textbox, disabled |  |
| Created Date | DCREATE\_DATE | Textbox, disabled |  |

#### BUDGET GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Budget ID | CREC\_ID | Hidden |  |
| Budget No. | CBUDGET\_NO | Label |  |
| Budget Name | CBUDGET\_NAME | Label |  |
| Currency Type | CCURRENCY\_TYPE\_NAME | Label |  |
| Final | LFINAL | Checkbox |  |
| Updated By | CUPDATE\_BY | Label |  |
| Updated Date | DUPDATE\_DATE | Label |  |
| Created By | CCREATE\_BY | Label |  |
| Created Date | DCREATE\_DATE | Label |  |
| Allow Final Flag | LALLOW\_FINAL | Hidden | CR3 |
| Grid Mode   * Read Only | | | |
|  |  |  |  |
| On selected Row Changed   * Jalankan REFERESH BUDGET DETAIL PROCESS | | | |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Refresh | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Add | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Modify | IF VAR\_SAVE\_MODE=VIEW AND Budget Grid not empty THEN Enabled ELSE Disabled |
| Delete | IF VAR\_SAVE\_MODE=VIEW AND Budget Grid not empty THEN Enabled ELSE Disabled |
| Final | IF VAR\_SAVE\_MODE=VIEW AND Selected Row.LFINAL=0 <CR3>AND Selected Row.LALLOW\_FINAL=1</CR3> THEN Enabled ELSE Disabled |
| Upload | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Template | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Cancel | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Save | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |

### REFRESH BUDGET LIST PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh Budget Grid dengan RSP\_GL\_GET\_BUDGET\_HD\_LIST dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + Selected Year   + VAR\_LANGUAGE\_ID * IF VAR\_RESULT empty,   + Display message “No data found!” * ELSE   + Jalankan REFRESH BUDGET DETAIL PROCESS |

### REFRESH BUDGET DETAIL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_BUDGET\_ID=Selected Row->CREC\_ID * Refresh BUDGET DETAIL dengan RSP\_GL\_GET\_BUDGET\_HD dengan parameter   + VAR\_COMPANY\_ID   + VAR\_BUDGET\_ID   + VAR\_LANGUAGE\_ID |

### DOWNLOAD TEMPLATE PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Jalankan proses download file GL\_ACCOUNT\_BUDGET\_UPLOAD.xlsx |
|  |

### ADD BUDGET PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = NEW * Disable Tab Detail * Enable Edit Semua Editable field * Enable button   + Save   + Cancel * Disable button   + Add   + Modify   + Delete   + Final   + Upload   + Template * Set focus ke Budget No. |

### EDIT BUDGET PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = EDIT * Disable Tab Detail * Enable Edit Semua Editable field * Enable button   + Save   + Cancel * Disable button   + Add   + Modify   + Delete   + Final   + Upload   + Template * Set focus ke Budget Name |

### DELETE BUDGET PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Display Confirmation message ‘Are you sure want to delete selected Budget?’[Yes/No] * IF No THEN kembali ke form * Jalankan RSP\_GL\_DELETE\_BUDGET dengan parameter   + Selected Row->CREC\_ID * IF Success   + Display message ‘Budget Deleted Successfully!’ * ELSE   + Display Error Message |

### FINAL BUDGET PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Display Confirmation message ‘Are you sure want to finalize selected Budget?’[Yes/No] * IF No THEN kembali ke form * Jalankan RSP\_GL\_FINALIZE\_BUDGET dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + Selected Row->CREC\_ID * IF Success   + Display message ‘Budget Finalized Successfully!’ * ELSE   + Display Error Message |

### SAVE BUDGET PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Budget No. | Empty | Budget No is required! |
| Budget Name | Empty | Budget Name is required! |
| Currency Type | Empty | Please select Currency Type! |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_GL\_SAVE\_BUDGET\_HD dengan parameter berikut, simpan hasil ke VAR\_RESULT:   + VAR\_USER\_ID   + VAR\_SAVE\_MODE   + IF VAR\_SAVE\_MODE=NEW THEN ‘’ ELSE Selected CREC\_ID   + VAR\_COMPANY\_ID   + Input Budget No.   + Selected Year   + Input Budget Name   + Selected Currency Type   + 0 * IF Success   + Jalankan REFRESH BUDGET LIST PROCESS   + Set VAR\_BUDGET\_ID = VAR\_RESULT.CREC\_ID   + Set Selected Row->CREC\_ID=VAR\_BUDGET\_ID * IF Error   + Display error message * Set VAR\_SAVE\_MODE = VIEW * Jalankan DISPLAY PROCESS |
|  |

### CANCEL SAVE BUDGET PROCESS

#### VALIDATION

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

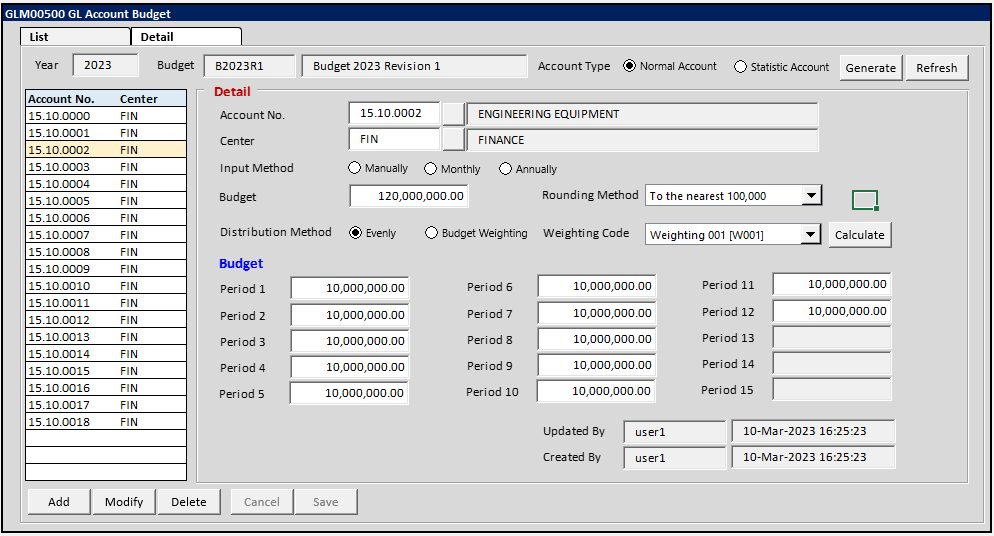
#### ACTION

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

## TAB BUDGET DETAIL

### USER INTERFACE

#### INITIAL VERSION



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Generate | Jalankan POPUP GENERATE BUDGET |
| Refresh | Jalankan REFRESH FORM PROCESS |
| Calculate | Jalankan CALCULATE BUDGET PROCESS |
| Add | Jalankan ADD BUDGET ACCOUNT PROCESS |
| Modify | Jalankan EDIT BUDGET ACCOUNT PROCESS |
| Delete | Jalankan DELETE BUDGET ACCOUNT PROCESS |
| Save | Jalankan SAVE BUDGET ACCOUNT PROCESS |
| Cancel | Jalankan CANCEL SAVE BUDGET ACCOUNT PROCESS |
|  |  |
|  |  |
|  |  |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * <CR2> * ~~Set VAR\_PERIOD\_COUNT dengan query berikut  SELECT COUNT(1) AS ICOUNT FROM GSM\_PERIOD\_DT (NOLOCK) WHERE CCOMPANY\_ID=VAR\_COMPANY\_ID AND CCYEAR=Selected Year AND CPERIOD\_NO < ‘16’~~ * Jalankan RSP\_GS\_GET\_PERIOD\_DT\_INFO dengan parameter, simpan hasil ke VAR\_PERIOD\_INFO   + VAR\_COMPANY\_ID   + Selected Year   + ‘’ (Empty String) * Set VAR\_PERIOD\_COUNT = VAR\_PERIOD\_INFO row count * </CR2> * Set VAR\_SAVE\_MODE=VIEW * IF has selected row di Tab Budget List   + Set VAR\_BUDGET\_ID = Selected Row->CREC\_ID   + Set VAR\_BUDGET\_NO = Selected Row->CBUDGET\_NO   + Set VAR\_FINAL\_FLAG = Selected Row->LFINAL   + Set VAR\_CURRENCY\_TYPE = Selected Row->CCURRENCY\_TYPE   + Jalankan REFRESH FORM PROCESS |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Field** | **Type** | | **Validation** |
| Budget Account ID | CREC\_ID | Hidden | |  |
| Year | Selected Year di tab List | Textbox, disabled | |  |
| Budget | Selected Budget No. di tab List | Textbox, disabled | |  |
|  | Selected Budget Name di tab List | Textbox, disabled | |  |
| Account Type | CGLACCOUNT\_TYPE | Option Button  Option Value   * N=Normal Account (Default) * S=Statistic Account | | On value changed   * Jalankan REFRESH FORM PROCESS |
| Account No. | CGLACCOUNT\_NO | Lookup | IF VAR\_SAVE\_MODE=NEW THEN Enabled ELSE Disabled   * To upper case (convert input data ke upper case) * Maximum 20 characters * On lost focus   + Panggil program lookup GSL00510 dengan parameter dan simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - Selected Account Type     - VAR\_USER\_ID * IF VAR\_RESULT empty   + Display message “GL Account [INPUT Account No] not found!”, [OK]   + Set focus ke field Account No. * IF VAR\_RESULT not empty   + Set Account Name = CGLACCOUNT\_NAME   + Set BSIS 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 |  | |
| BSIS\_Type | CBSIS | Hidden |  | |
| Center | CCENTER\_CODE | Lookup | IF VAR\_SAVE\_MODE <> VIEW AND ((Selected BSIS Type=B AND VAR\_GSM\_COMPANY.LENABLE\_CENTER\_BS=1) OR (Selected BSIS Type=I AND VAR\_GSM\_COMPANY.LENABLE\_CENTER\_IS=1)) THEN Enabled ELSE Disabled   * To upper case (convert input data ke upper case) * Maximum 10 characters * On lost focus   + Panggil program lookup GSL00900 dengan parameter dan simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - VAR\_USER\_ID * IF VAR\_RESULT empty   + Display message “Center [INPUT Center Code] not found!”, [OK]   + Set focus ke field Center * IF VAR\_RESULT not empty   + Set Center Name = CCENTER\_NAME | |
| Center Name | CCENTER\_NAME | Label | |  |
| Input Method | CINPUT\_METHOD | Option button  Option value   * MN=Manually (Default) * MO=Monthly * AN=Annually | | Mandatory  IF VAR\_SAVE\_MODE <> VIEW THEN Enabled ELSE Disabled  On selected value changed:   * IF selected value=MN   + Disable field Distribution Method   + Reset and disable field Budget   + Disable field Rounding Method   + Enable field Period 1 s/d Period N di group Budget * ELSE   + Enable field Distribution Method   + Enable field Budget   + Enable field Rounding Method   + Reset and disable field Period 1 s/d Period N di group Budget |
| Budget | NBUDGET | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method <> MN THEN Enabled ELSE Disabled |
| Rounding Method | CROUNDING\_METHOD | Combobox  <CR2>  ~~Isi combox dengan query   SELECT CCODE ,CDESCRIPTION FROM RFT\_GET\_GSB\_CODE\_INFO('BIMASAKTI', VAR\_COMPANY\_ID, '\_GL\_ROUNDING\_METHOD', '', @CLANGUAGE\_ID) ORDER BY CCODE~~  Isi combox dengan RSP\_GS\_GET\_GSB\_CODE\_LIST dengan parameter   * BIMASAKTI * VAR\_COMPANY\_ID * \_GL\_ROUNDING\_METHOD * VAR\_LANGUAGE\_ID   </CR2>  Set Item Code=CCODE  Set Item Name=CDESCRIPTION  Set default selected value=00 | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method <> MN THEN Enabled ELSE Disabled |
| Distribution Method | CDIST\_METHOD | Option button  Option value   * EV=Evenly (Default) * BW=Budget Weighting | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method <> MN THEN Enabled ELSE Disabled  On selected value changed:   * IF selected value=EV   + Disable combobox Weighting Code * ELSE   + Enable combobox Weighting Code |
| Weighting Code | CBW\_CODE | Combobox  Isi combox dengan RSP\_GL\_GET\_BUDGET\_WEIGHTING\_LIST dengan parameter   * VAR\_COMPANY\_ID * VAR\_LANGUAGE\_ID   Set Item Code=CBW\_CODE  Set Item Name=CBW\_NAME\_DISPLAY | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method <> MN AND Distribution Method=BW THEN Enabled ELSE Disabled |
| Period 1 | NPERIOD1 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=1 THEN Enabled ELSE Disabled |
| Period 2 | NPERIOD2 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=2 THEN Enabled ELSE Disabled |
| Period 3 | NPERIOD3 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=3 THEN Enabled ELSE Disabled |
| Period 4 | NPERIOD4 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=4 THEN Enabled ELSE Disabled |
| Period 5 | NPERIOD5 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=5 THEN Enabled ELSE Disabled |
| Period 6 | NPERIOD6 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=6 THEN Enabled ELSE Disabled |
| Period 7 | NPERIOD7 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=7 THEN Enabled ELSE Disabled |
| Period 8 | NPERIOD8 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=8 THEN Enabled ELSE Disabled |
| Period 9 | NPERIOD9 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=9 THEN Enabled ELSE Disabled |
| Period 10 | NPERIOD10 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=10 THEN Enabled ELSE Disabled |
| Period 11 | NPERIOD11 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=11 THEN Enabled ELSE Disabled |
| Period 12 | NPERIOD12 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=12 THEN Enabled ELSE Disabled |
| Period 13 | NPERIOD13 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=13 THEN Enabled ELSE Disabled |
| Period 14 | NPERIOD14 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=14 THEN Enabled ELSE Disabled |
| Period 15 | NPERIOD15 | Textbox | | IF VAR\_SAVE\_MODE <> VIEW AND Input Method=MN AND VAR\_PERIOD\_COUNT >=15 THEN Enabled ELSE 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 | |  |

#### BUDGET ACCOUNT GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Budget Account ID | CREC\_ID | Hidden |  |
| Account No. | CGLACCOUNT\_NO | Label |  |
| Center | CCENTER\_CODE | Label |  |
|  |  |  |  |
|  |  |  |  |
| Grid Mode   * Read Only   On Selected Row Changed   * Jalankan REFRESH BUDGET ACCOUNT DETAIL PROCESS | | | |
|  |  |  |  |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Generate | IF VAR\_SAVE\_MODE=VIEW AND VAR\_FINAL\_FLAG=0 THEN Enabled ELSE Disabled |
| Refresh | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Calculate | IF VAR\_SAVE\_MODE <> VIEW AND Input Method <> MN (Manually) THEN Enabled ELSE Disabled |
| Add | IF VAR\_SAVE\_MODE=VIEW AND VAR\_FINAL\_FLAG=0 THEN Enabled ELSE Disabled |
| Modify | IF VAR\_SAVE\_MODE=VIEW AND VAR\_FINAL\_FLAG=0 THEN Enabled ELSE Disabled |
| Delete | IF VAR\_SAVE\_MODE=VIEW AND VAR\_FINAL\_FLAG=0 AND Budget Account Grid not empty THEN Enabled ELSE Disabled |
|  |  |
| Cancel | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Save | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
|  |  |
|  |  |

### REFRESH FORM PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh BUDGET ACCOUNT Grid dengan RSP\_GL\_GET\_BUDGET\_DT\_LIST dengan parameter   + VAR\_COMPANY\_ID   + VAR\_BUDGET\_ID   + Selected Account Type   + VAR\_LANGUAGE\_ID * Jalankan DISPLAY PROCESS |

### REFRESH BUDGET ACCOUNT DETAIL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh form dengan RSP\_GL\_GET\_BUDGET\_DT dengan parameter   + VAR\_COMPANY\_ID   + Selected Row of Budget Account Grid->CREC\_ID   + VAR\_LANGUAGE\_ID |

### ADD BUDGET ACCOUNT PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE=NEW * Enable Edit semua editable field * Set focus ke Account No. |

### EDIT BUDGET ACCOUNT PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Enable Edit semua editable field |

### DELETE BUDGET ACCOUNT PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Display Confirmation message ‘Are you sure want to delete selected Account?’[Yes/No] * IF No THEN kembali ke form * Jalankan RSP\_GL\_DELETE\_BUDGET\_DT dengan parameter   + Selected Row->CREC\_ID * IF Success   + Display message ‘Account Deleted Successfully!’ * ELSE   + Display Error Message |

### SAVE BUDGET ACCOUNT PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Account No. | Empty | Account No. is required! |
|  |  |  |
| 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.]! |
| Budget | Input Method <> MN (Manually)  AND  Budget <= 0 | Budget must be > 0! |
| Weighting Code | Distribution Method=BW (Budget Weigthing) AND Weighting Code=Empty | Please select Weighting Code! |

#### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_GL\_SAVE\_BUDGET\_DT dengan parameter, save hasil ke VAR\_RESULT   + VAR\_USER\_ID   + VAR\_SAVE\_MODE   + IF VAR\_SAVE\_MODE=NEW THEN ‘’ ELSE Selected Row->CREC\_ID   + VAR\_COMPANY\_ID   + VAR\_BUDGET\_ID   + VAR\_BUDGET\_NO   + Selected Account Type   + Input Account No.   + Input Center Code   + Selected Input Method   + Input Budget   + Selected Rounding Method   + Selected Distribution Method   + Selected Weighting Code   + Input Period 1   + Input Period 2   + Input Period 3   + Input Period 4   + Input Period 5   + Input Period 6   + Input Period 7   + Input Period 8   + Input Period 9   + Input Period 10   + Input Period 11   + Input Period 12   + Input Period 13   + Input Period 14   + Input Period 15 * IF Success   + Jalankan REFRESH FORM PROCESS   + Set Selected Row->CREC\_ID=VAR\_RESULT.CREC\_ID * IF Error   + Display error message * Set VAR\_SAVE\_MODE = VIEW * Jalankan DISPLAY PROCESS |

### CANCEL SAVE BUDGET ACCOUNT 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   + Set VAR\_SAVE\_MODE=VIEW   + Jalankan REFRESH FORM PROCESS * IF No   + Kembali ke form |

### CALCULATE BUDGET PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Budget | <=0 | Budget must be > 0! |
|  |  |  |

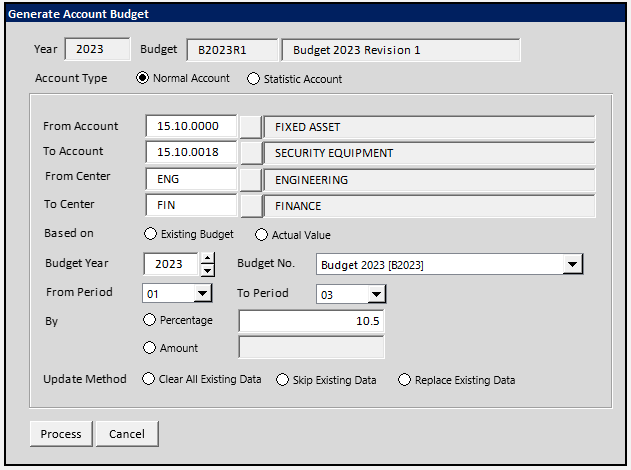
#### ACTION

|  |
| --- |
|  |
| * IF Input Method=MO (Monthly)   + IF VAR\_PERIOD\_COUNT >= 1 THEN Set Period 1=Budget   + IF VAR\_PERIOD\_COUNT >= 2 THEN Set Period 2=Budget   + IF VAR\_PERIOD\_COUNT >= 3 THEN Set Period 3=Budget   + IF VAR\_PERIOD\_COUNT >= 4 THEN Set Period 4=Budget   + IF VAR\_PERIOD\_COUNT >= 5 THEN Set Period 5=Budget   + IF VAR\_PERIOD\_COUNT >= 6 THEN Set Period 6=Budget   + IF VAR\_PERIOD\_COUNT >= 7 THEN Set Period 7=Budget   + IF VAR\_PERIOD\_COUNT >= 8 THEN Set Period 8=Budget   + IF VAR\_PERIOD\_COUNT >= 9 THEN Set Period 9=Budget   + IF VAR\_PERIOD\_COUNT >= 10 THEN Set Period 10=Budget   + IF VAR\_PERIOD\_COUNT >= 11 THEN Set Period 11=Budget   + IF VAR\_PERIOD\_COUNT >= 12 THEN Set Period 12=Budget   + IF VAR\_PERIOD\_COUNT >= 13 THEN Set Period 13=Budget   + IF VAR\_PERIOD\_COUNT >= 14 THEN Set Period 14=Budget   + IF VAR\_PERIOD\_COUNT >= 15 THEN Set Period 15=Budget * IF Input Method=AN (Annually)   + Jalankan RSP\_GL\_CALCULATE\_BUDGET dengan parameter, simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - VAR\_PERIOD\_COUNT     - VAR\_CURRENCY\_TYPE     - Input Budget     - Selected Rounding Method     - Selected Distribution Method     - Selected Weighting Code   + IF VAR\_PERIOD\_COUNT >= 1 THEN Set Period 1=VAR\_RESULT.NPERIOD1   + IF VAR\_PERIOD\_COUNT >= 2 THEN Set Period 2=VAR\_RESULT.NPERIOD2   + IF VAR\_PERIOD\_COUNT >= 3 THEN Set Period 3=VAR\_RESULT.NPERIOD3   + IF VAR\_PERIOD\_COUNT >= 4 THEN Set Period 4=VAR\_RESULT.NPERIOD4   + IF VAR\_PERIOD\_COUNT >= 5 THEN Set Period 5=VAR\_RESULT.NPERIOD5   + IF VAR\_PERIOD\_COUNT >= 6 THEN Set Period 6=VAR\_RESULT.NPERIOD6   + IF VAR\_PERIOD\_COUNT >= 7 THEN Set Period 7=VAR\_RESULT.NPERIOD7   + IF VAR\_PERIOD\_COUNT >= 8 THEN Set Period 8=VAR\_RESULT.NPERIOD8   + IF VAR\_PERIOD\_COUNT >= 9 THEN Set Period 9=VAR\_RESULT.NPERIOD9   + IF VAR\_PERIOD\_COUNT >= 10 THEN Set Period 10=VAR\_RESULT.NPERIOD10   + IF VAR\_PERIOD\_COUNT >= 11 THEN Set Period 11=VAR\_RESULT.NPERIOD11   + IF VAR\_PERIOD\_COUNT >= 12 THEN Set Period 12=VAR\_RESULT.NPERIOD12   + IF VAR\_PERIOD\_COUNT >= 13 THEN Set Period 13=VAR\_RESULT.NPERIOD13   + IF VAR\_PERIOD\_COUNT >= 14 THEN Set Period 14=VAR\_RESULT.NPERIOD14   + IF VAR\_PERIOD\_COUNT >= 15 THEN Set Period 15=VAR\_RESULT.NPERIOD15 |

## POPUP GENERATE BUDGET

### USER INTERFACE

#### INITIAL VERSION



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Process | Jalankan GENERATE BUDGET PROCESS |
| Cancel | Tutup Form |
|  |  |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

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

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Year | Selected Year di tab List | Textbox, disabled |  |
| Budget | Selected Budget No. di tab List | Textbox, disabled |  |
|  | Selected Budget Name di tab List | Textbox, disabled |  |
| Account Type | CGLACCOUNT\_TYPE | Option Button  Option Value   * N=Normal Account * S=Statistic Account   Set selected value=Account Type dari form pemanggil | Disabled |
| From Account |  | Lookup | * To upper case (convert input data ke upper case) * Maximum 20 characters * On lost focus   + Panggil program lookup GSL00510 dengan parameter dan simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - Selected Account Type     - VAR\_USER\_ID * IF VAR\_RESULT empty   + Display message “GL Account [INPUT Account No] not found!”, [OK]   + Set focus ke field Account No. * IF VAR\_RESULT not empty   + Set Account Name = CGLACCOUNT\_NAME |
| To Account |  | Lookup | * To upper case (convert input data ke upper case) * Maximum 20 characters * On lost focus   + Panggil program lookup GSL00510 dengan parameter dan simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - Selected Account Type     - VAR\_USER\_ID * IF VAR\_RESULT empty   + Display message “GL Account [INPUT Account No] not found!”, [OK]   + Set focus ke field Account No. * IF VAR\_RESULT not empty   + Set Account Name = CGLACCOUNT\_NAME |
| From Center |  | Lookup | * To upper case (convert input data ke upper case) * Maximum 8 characters * On lost focus   + Panggil program lookup GSL00900 dengan parameter dan simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - VAR\_USER\_ID * IF VAR\_RESULT empty   + Display message “Center [INPUT Center Code] not found!”, [OK]   + Set focus ke field Account No. * IF VAR\_RESULT not empty   + Set From Center Name = CCENTER\_NAME |
| Center | CCENTER\_CODE | Lookup | * To upper case (convert input data ke upper case) * Maximum 8 characters * On lost focus   + Panggil program lookup GSL00900 dengan parameter dan simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - VAR\_USER\_ID * IF VAR\_RESULT empty   + Display message “Center [INPUT Center Code] not found!”, [OK]   + Set focus ke field Account No. * IF VAR\_RESULT not empty   + Set To Center Name = CCENTER\_NAME |
| Based on |  | Option button  Option value   * EB=Existing Budget * AV=Actual Value | IF Selected value=EB (Existing Budget) THEN   * Enable field Year dan Budget No.   ELSE   * Disable field Year and Budget No. |
| Budget Year |  | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Minimum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default selected value = VAR\_GL\_SYSTEM\_PARAM.CSOFT\_PERIOD\_YY | On value changed   * Refresh combobox Budget No. |
| Budget No. |  | Combobox  Isi combobox dengan RSP\_GL\_GET\_BUDGET\_HD\_LIST dengan parameter   * VAR\_COMPANY\_ID * Input Existing Budget year * VAR\_LANGUAGE\_ID   Set Item Code=CBUDGET\_NO  Set Item Name=CBUDGET\_NAME\_DISPLAY |  |
| From Period |  | Combobox  Isi combo box value dengan  01 s/d 12 | On value changed:   * IF selected value > To Period THEN Set To Period = selected value |
| To Period |  | Combobox  Isi combo box value dengan  01 s/d 12 | On value changed:   * IF selected value < From Period THEN Set From Period = selected value |
| By |  | Option button  Option value   * P=Percentage (Default) * V=Value | IF Selected value=P (Percentage) THEN   * Enable field Percentage value * Reset and Disable field Amount value   ELSE   * Enable field Amount value * Reset and Disable field Percentage value |
| Percentage Value |  | Textbox | Numeric(6,2) |
| Amount Value |  | Textbox | Numeric(12,2) |
| Update Method |  | Option button  Option value   * C=Clear All Existing Data (Default) * S=Skip Existing Data * R=Replace Existing Data |  |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Process | Enabled |
| Cancel | Enabled |
|  |  |

### GENERATE BUDGET PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Budget No. | Empty  AND  Based on=EB (Existing Budget) | Please select existing Budget No. |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_GL\_GENERATE\_ACCOUNT\_BUDGET dengan parameter   + VAR\_USER\_ID   + VAR\_COMPANY\_ID   + VAR\_BUDGET\_NO   + VAR\_BUDGET\_ID   + VAR\_CURRENCY\_TYPE   + Select Account Type   + Input From Account No.   + Input To Account No.   + Input From Center Code   + Input To Center Code   + Selected Based On   + Input Existing Budget Year   + Selected Budget No.   + Selected From Period   + Selected To Period   + Selected By value   + Input Percentage value   + Input Amount value   + Selected Update method value * IF Success   + Display message ‘Account Budget Generated Successfully!’ * ELSE   + Display Error Message |

## POPUP UPLOAD BUDGET

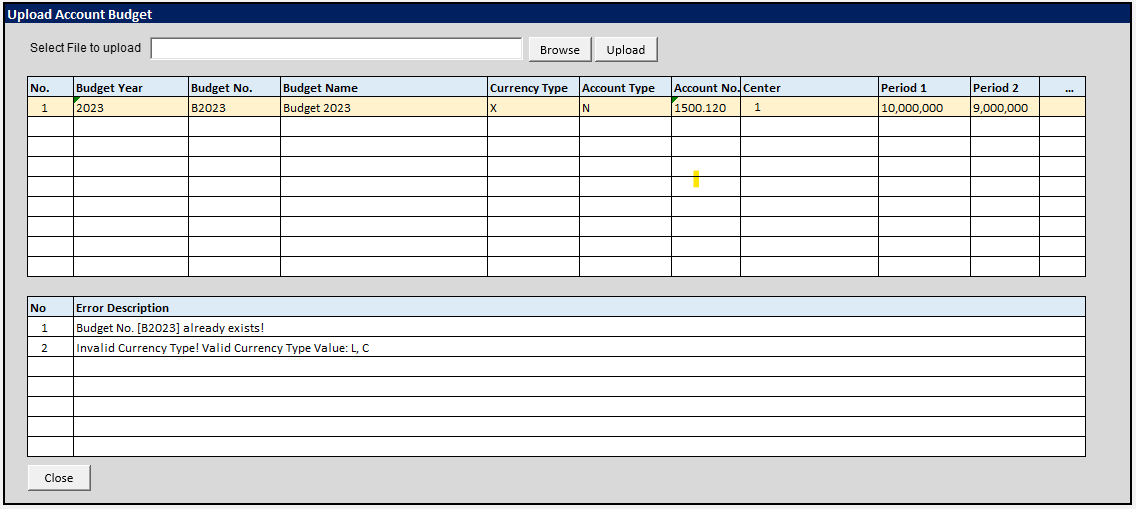
### USER INTERFACE

#### CR1

A screenshot of a computer

Description automatically generated

#### INITIAL VERSION



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| <CR1> |  |
| ~~Upload~~ | ~~Jalankan UPLOAD BUDGET PROCESS~~ |
| ~~Close~~ | ~~Tutup Form~~ |
| Choose File | LOAD FILE PROCESS |
| Cancel | Tutup Popup |
| Process/Save to Excel | Process -> Jalankan UPLAOD BUDGET PROCESS  Save to Excel -> Jalankan DOWNLOAD EXCEL PROCESS |
| </CR1> |  |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

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

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Source File |  | File Browser |  |
| <CR1> |  |  |  |
| Total Row(s) |  | Textbox, disabled |  |
| Valid |  | Textbox, disabled |  |
| Invalid |  | Textbox, disabled |  |
| </CR1> |  |  |  |

#### BUDGET GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| <CR1> |  |  |  |
| ~~No.~~ | ~~INO~~ | ~~Label~~ |  |
| ~~Budget\_Year~~ | ~~CBUDGET\_YEAR~~ | ~~Label~~ |  |
| ~~Budget\_No~~ | ~~CBUDGET\_NO~~ | ~~Label~~ |  |
| ~~Budget\_Name~~ | ~~CBUDGET\_NAME~~ | ~~Label~~ |  |
| ~~Currency\_Type~~ | ~~CCURRENCY\_TYPE~~ | ~~Label~~ |  |
| ~~Account\_Type~~ | ~~CGLACCOUNT\_TYPE~~ | ~~Label~~ |  |
| ~~Account\_No~~ | ~~CGLACCOUNT\_NO~~ | ~~Label~~ |  |
| ~~Center~~ | ~~CCENTER\_CODE~~ | ~~Label~~ |  |
| ~~Period\_1~~ | ~~NPERIOD1~~ | ~~Label~~ |  |
| ~~Period\_2~~ | ~~NPERIOD2~~ | ~~Label~~ |  |
| ~~Period\_3~~ | ~~NPERIOD3~~ | ~~Label~~ |  |
| ~~Period\_4~~ | ~~NPERIOD4~~ | ~~Label~~ |  |
| ~~Period\_5~~ | ~~NPERIOD5~~ | ~~Label~~ |  |
| ~~Period\_6~~ | ~~NPERIOD6~~ | ~~Label~~ |  |
| ~~Period\_7~~ | ~~NPERIOD7~~ | ~~Label~~ |  |
| ~~Period\_8~~ | ~~NPERIOD8~~ | ~~Label~~ |  |
| ~~Period\_9~~ | ~~NPERIOD9~~ | ~~Label~~ |  |
| ~~Period\_10~~ | ~~NPERIOD10~~ | ~~Label~~ |  |
| ~~Period\_11~~ | ~~NPERIOD11~~ | ~~Label~~ |  |
| ~~Period\_12~~ | ~~NPERIOD12~~ | ~~Label~~ |  |
| ~~Period\_13~~ | ~~NPERIOD13~~ | ~~Label~~ |  |
| ~~Period\_14~~ | ~~NPERIOD14~~ | ~~Label~~ |  |
| ~~Period\_15~~ | ~~NPERIOD15~~ | ~~Label~~ |  |
| ~~Valid Data~~ | ~~LVALID~~ | ~~Hidden~~ | ~~IF LVALID=0 THEN format row background to RED~~ |
|  |  |  |  |
| No. | SEQ\_NO | Label |  |
| Budget\_Year | BUDGET\_YEAR | Label |  |
| Budget\_No | BUDGET\_NO | Label |  |
| Budget\_Name | BUDGET\_NAME | Label |  |
| Currency\_Type | CURRENCY\_TYPE | Label |  |
| Account\_Type | ACCOUNT\_TYPE | Label |  |
| Account\_No | LACCOUNT\_NO | Label |  |
| Center | CENTER | Label |  |
| Period\_1 | PERIOD1 | Label |  |
| Period\_2 | PERIOD2 | Label |  |
| Period\_3 | PERIOD3 | Label |  |
| Period\_4 | PERIOD4 | Label |  |
| Period\_5 | PERIOD5 | Label |  |
| Period\_6 | PERIOD6 | Label |  |
| Period\_7 | PERIOD7 | Label |  |
| Period\_8 | PERIOD8 | Label |  |
| Period\_9 | PERIOD9 | Label |  |
| Period\_10 | PERIOD10 | Label |  |
| Period\_11 | PERIOD11 | Label |  |
| Period\_12 | PERIOD12 | Label |  |
| Period\_13 | PERIOD13 | Label |  |
| Period\_14 | PERIOD14 | Label |  |
| Period\_15 | PERIOD15 | Label |  |
| Valid | VALID | Label |  |
| Notes | NOTES | Label |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| ~~On selected Row Changed~~   * ~~Jalankan REFERESH DATA VALIDATION LIST PROCESS~~ * </CR1> | | | |

#### ~~DATA VALIDATION GRID DEFINITION~~ CR1

|  |  |  |  |
| --- | --- | --- | --- |
| **~~Name~~** | **~~Field~~** | **~~Type~~** | **~~Validation~~** |
| ~~No.~~ | ~~INO~~ | ~~Label~~ |  |
| ~~Error Description~~ | ~~CERROR\_MSG~~ | ~~Label~~ |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| <CR1> |  |
| ~~Upload~~ | ~~Enabled~~ |
| ~~Close~~ | ~~Enabled~~ |
| Choose File | Enabled |
| Cancel | Enabled |
| Process/Save to Excel | IF has data di grid THEN Enabled ELSE Disabled |
| </CR1> |  |

### LOAD FILE PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Proses file Excel ke dalam List of DTO (Object) dengan tambahan field   + No untuk Sequence No. yg digenerate oleh program   + Valid untuk flag apakah data valid   + Notes untuk menampung error messages   dan simpan ke temporary table #GLM00500\_BUDGET\_UPLOAD dan display di grid   * Set button Process / Save to Excel Label = Process * Set Total Row(s) = Number of DTO Count * Set Valid=’’ * Set Invalid=’’ |

### UPLOAD BUDGET PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * <CR1> * ~~Proses file dan simpan ke temporary table #GLM00500\_BUDGET\_UPLOAD~~ * Set progress bar step = 30 * Set VAR\_STEP = 0 * Set VAR\_KEY\_GUID = New GUID * Reset Progress Bar * **Set Error Message Resource=RSP\_GL\_BUDGET\_UPLOAD** * Jalankan RSP\_GL\_VALIDATE\_BUDGET\_UPLOAD dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_USER\_ID   + VAR\_COMPANY\_ID   + VAR\_KEY\_GUID * IF VAR\_RESULT.IERROR\_COUNT=0   + Jalankan RSP\_GL\_SAVE\_BUDGET\_UPLOAD dengan parameter   + VAR\_USER\_ID   + VAR\_COMPANY\_ID   + VAR\_KEY\_GUID   + IF Success     - Display message ‘Account Budget uploaded successfully!’   + ELSE     - Display error message where SEQ\_NO < 0 * ELSE   + Set Button Process / Save to Excel Label=Save to Excel   + Update DTO WHERE SEQ\_NO EXISTS IN Error Message SEQ\_NO     - set VALID=N     - Set NOTES=Error messages di resource berdasarkan kode resource di error messages (**CEK DENGAN RnD untuk utility buat convert multiple error messages ke dalam 1 baris**)   + Refresh BUDGET GRID dengan DTO   + Set Valid=Number of DTO where VALID=Y   + Set Invalid= Number of DTO where VALID=N   + Display error message where SEQ\_NO < 0 * </CR1> |

#### BUDGET UPLOAD EXCEL TEMPLATE

|  |  |  |
| --- | --- | --- |
| **No.** | **Field (Excel)** | **Description** |
| 1 | Budget Year | Budget Year |
| 2 | Budget\_No | Budget No. |
| 3 | Budget\_Name | Budget Name |
| 4 | Currency\_Type | Currency Type |
| 5 | Account\_Type | Account Type |
| 6 | Account\_No | Currency Code |
| 7 | Center | Center Code |
| 8 | Period\_1 | Period 1 Budget |
| 9 | Period\_2 | Period 2 Budget |
| 10 | Period\_3 | Period 3 Budget |
| 11 | Period\_4 | Period 4 Budget |
| 12 | Period\_5 | Period 5 Budget |
| 13 | Period\_6 | Period 6 Budget |
| 14 | Period\_7 | Period 7 Budget |
| 15 | Period\_8 | Period 8 Budget |
| 16 | Period\_9 | Period 9 Budget |
| 17 | Period\_10 | Period 10 Budget |
| 18 | Period\_11 | Period 11 Budget |
| 19 | Period\_12 | Period 12 Budget |
| 20 | Period\_13 | Period 13 Budget |
| 21 | Period\_14 | Period 14 Budget |
| 22 | Period\_15 | Period 15 Budget |
|  |  |  |

#### BUDGET UPLOAD DTO TO TABLE MAPPING

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Field** | **Field (Temporary Table)** | **Data Type** |
| 1 | SEQ\_NO | SEQ\_NO | INT |
| 2 | Budget\_Year | BUDGET\_YEAR | VARCHAR(10) |
| 3 | Budget\_No | BUDGET\_NO | VARCHAR(20) |
| 4 | Budget\_Name | BUDGET\_NAME | NVARCHAR(100) |
| 5 | Currency\_Type | CURRENCY\_TYPE | VARCHAR(10) |
| 6 | Account\_Type | ACCOUNT\_TYPE | VARCHAR(10) |
| 7 | Account\_No | ACCOUNT\_NO | VARCHAR(20) |
| 8 | Center | CENTER | VARCHAR(10) |
| 9 | Period\_1 | PERIOD\_1 | NUMERIC(19,2) |
| 10 | Period\_2 | PERIOD\_2 | NUMERIC(19,2) |
| 11 | Period\_3 | PERIOD\_3 | NUMERIC(19,2) |
| 12 | Period\_4 | PERIOD\_4 | NUMERIC(19,2) |
| 13 | Period\_5 | PERIOD\_5 | NUMERIC(19,2) |
| 14 | Period\_6 | PERIOD\_6 | NUMERIC(19,2) |
| 15 | Period\_7 | PERIOD\_7 | NUMERIC(19,2) |
| 16 | Period\_8 | PERIOD\_8 | NUMERIC(19,2) |
| 17 | Period\_9 | PERIOD\_9 | NUMERIC(19,2) |
| 18 | Period\_10 | PERIOD\_10 | NUMERIC(19,2) |
| 19 | Period\_11 | PERIOD\_11 | NUMERIC(19,2) |
| 20 | Period\_12 | PERIOD\_12 | NUMERIC(19,2) |
| 21 | Period\_13 | PERIOD\_13 | NUMERIC(19,2) |
| 22 | Period\_14 | PERIOD\_14 | NUMERIC(19,2) |
| 23 | Period\_15 | PERIOD\_15 | NUMERIC(19,2) |

#### BUDGET DOWNLOAD EXCEL TEMPLATE

|  |  |  |
| --- | --- | --- |
| **No.** | **Field (Excel)** | **Description** |
| 1 | Budget Year | Budget Year |
| 2 | Budget\_No | Budget No. |
| 3 | Budget\_Name | Budget Name |
| 4 | Currency\_Type | Currency Type |
| 5 | Account\_Type | Account Type |
| 6 | Account\_No | Currency Code |
| 7 | Center | Center Code |
| 8 | Period\_1 | Period 1 Budget |
| 9 | Period\_2 | Period 2 Budget |
| 10 | Period\_3 | Period 3 Budget |
| 11 | Period\_4 | Period 4 Budget |
| 12 | Period\_5 | Period 5 Budget |
| 13 | Period\_6 | Period 6 Budget |
| 14 | Period\_7 | Period 7 Budget |
| 15 | Period\_8 | Period 8 Budget |
| 16 | Period\_9 | Period 9 Budget |
| 17 | Period\_10 | Period 10 Budget |
| 18 | Period\_11 | Period 11 Budget |
| 19 | Period\_12 | Period 12 Budget |
| 20 | Period\_13 | Period 13 Budget |
| 21 | Period\_14 | Period 14 Budget |
| 22 | Period\_15 | Period 15 Budget |
| 23 | Valid | Valid Flag (Y/N) |
| 24 | Notes | Error Description |

### DOWNLOAD EXCEL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Convert DTO ke file Excel sesuai dengan format BUDGET DOWNLOAD EXCEL TEMPLATE * Set Excel File Name= ACCOUNT\_BUDGET\_UPLOAD\_YYYYMMDD\_HHmm.xlsx   + YYYY=Year   + MM=Month   + HH=hour (24 hours format)   + mm=minutes |

### REFRESH DATA VALIDATION LIST PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh DATA VALIDATION grid dengan RSP\_GL\_GET\_DATA\_UPLOAD\_VALIDATION\_LIST dengan parameter   + Selected CREC\_ID of BUDGET Grid * Jalankan DISPLAY PROCESS |

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| 00  05-Jun-2023 | * INITIAL VERSION |  |
| CR1  31-Aug-2023 | * Update Upload Process |  |
| CR2  20-Sep-2023 | * Ubah manual query ke SP | </CR2> |
| CR3  30-Nov-2023 | * Tambah validasi proses Final, tidak boleh Final jika belum ada detail | </CR3> |
|  |  |  |

#### TEMPLATE

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
|  |