## PROGRAM DEFINITION

|  |
| --- |
|  |
| * Program untuk input transaksi Purchase Invoice |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * APT\_TRANS\_HD * APT\_TRANS\_PD * APT\_TRANS\_ADD * APM\_SUPPLIER\_INFO * SAT\_BPM\_HISTORY * GST\_APPROVAL\_O * GST\_APPROVAL\_I * APM\_SUPPLIER * GSM\_DEPARTMENT * APM\_EXPENDITURE * APM\_PRODUCT * APM\_PRODUCT\_ALLOCATION * GSM\_WITHHOLDING\_TAX * GSM\_OTHER\_CHARGES * GSB\_CODE\_DT | * RW * RW * RW * RW * RW * RW * RW * R * R * R * R * R * R * R |

## INPUT PARAMETER

|  |  |
| --- | --- |
| **Parameter Name** | **Description** |
| PARAM\_COMPANY\_ID | Company Id |
| PARAM\_DEPT\_CODE | Department Code |
| PARAM\_TRANS\_CODE | Transaction Code |
| PARAM\_REF\_NO | Reference No. |
| PARAM\_POPUP\_MODE | Popup Mode Flag  1=Run program as Popup  0=Run Program as Page |

## ROLES

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

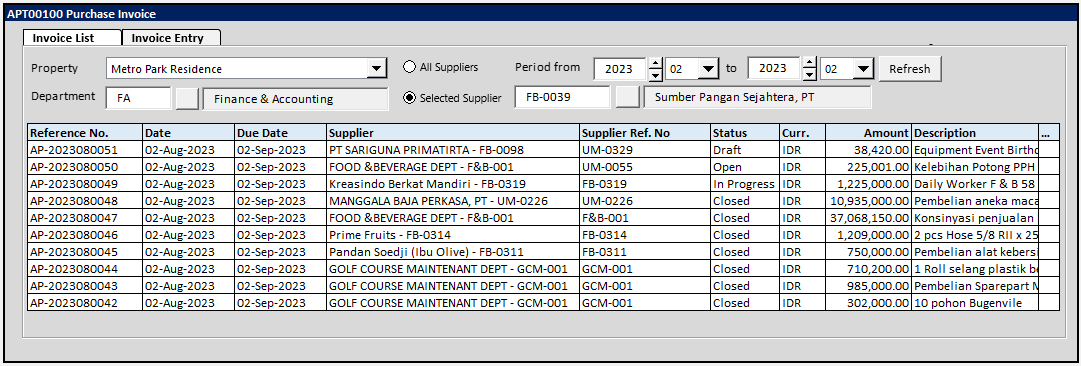
## INITIAL PROCESS

|  |  |
| --- | --- |
|  | **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) * Set VAR\_TRANS\_CODE = 110010 * Jalankan RSP\_AP\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_AP\_SYSTEM\_PARAM   + VAR\_COMPANY\_ID   + VAR\_LANGUAGE\_ID * Jalankan RSP\_GS\_GET\_PERIOD\_YEAR\_RANGE dengan parameter, simpan hasil ke VAR\_GSM\_PERIOD   + VAR\_COMPANY\_ID   + ‘’ (Empty String)   + ‘’ (Empty String) * Jalankan RSP\_GS\_GET\_PERIOD\_YEAR\_RANGE dengan parameter, simpan hasil ke VAR\_GSM\_PERIOD   + VAR\_COMPANY\_ID   + ‘’ (Empty String)   + ‘’ (Empty String) * 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\_TRANS\_CODE\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_TRANSACTION\_CODE   + VAR\_COMPANY\_ID   + VAR\_TRANS\_CODE * IF Input Parameter NOT EMPTY THEN   + Run Tab Invoice Entry with Popup Mode |  |

## TAB INVOICE LIST

### USER INTERFACE

#### INITIAL VERSION



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Refresh | Jalankan REFRESH INVOICE LIST PROCESS |
|  |  |
|  |  |
|  |  |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

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

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property | CPROPERTY\_ID | Combobox  Isi combobox dengan RSP\_GS\_GET\_PROPERTY\_LIST dengan parameter   * VAR\_COMPANY\_ID * VAR\_USER\_ID   Set item code=CPROPERTY\_ID  Set Item name=CPROPERTY\_NAME  Set default selected value=Item pertama | On value changed   * Reset Department Lookup * Reset Supplier ID |
| Department Code |  | Lookup | * Lookup dengan program GSL00710 DEPARTMENT PROPERTY LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_USER\_ID * Hasil Lookup   + Set Department Code = CDEPT\_CODE   + Set Department Name = CDEPT\_NAME |
| Department Name |  | Textbox, disabled |  |
| Supplier |  | Option button  Option value  A=All Suppliers (DEFAULT)  S=Selected Supplier | On selected value changed   * IF Selected value=A THEN   + Disable and Reset Supplier ID * ELSE   + Enable Supplier ID |
| Supplier ID |  | Lookup | * Lookup dengan program APL00100 SUPPLIER LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_LANGUAGE\_ID * Hasil Lookup   + Set Supplier ID = CSUPPLIER\_ID   + Set Supplier Name = CSUPPLIER\_NAME |
| One time supplier flag | LONETIME | Hidden |  |
|  |  |  |  |
| Period from (Year) |  | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Maximum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default selected value = Current Year |  |
| Period from (Month) |  | Combobox  Isi combo box value dengan  01 s/d 12  Set Default selected value = Current Month |  |
| Period to (Year) |  | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Maximum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default selected value = Current Year |  |
| Period to (Month) |  | Combobox  Isi combo box value dengan  01 s/d 12  Set Default selected value = Current Month |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

#### INVOICE GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Invoice Record ID | CREC\_ID | Hidden |  |
| Reference No. | CREF\_NO | Label |  |
| Date | CREF\_DATE | Label |  |
| Due Date | CDUE\_DATE | Label |  |
| Supplier | CSUPPLIER\_NAME | Label |  |
| Supplier Ref. No. | CDOC\_NO | Label |  |
| Status | CTRANS\_STATUS\_NAME | Label |  |
| Curr. | CCURRENCY\_CODE | Label |  |
| Amount | NTOTAL\_AMOUNT | Label |  |
| Description | CTRANS\_DESC | 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 | | | |
|  |  |  |  |
|  | | | |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Refresh | Enabled |
|  |  |

### REFRESH INVOICE LIST PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Department | Empty | Please Select Department! |
| Supplier ID | Supplier Option=S  AND  Supplier ID=Empty | Please Select Supplier! |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Refresh Invoice Grid dengan RSP\_AP\_GET\_TRANS\_HD\_LIST dengan parameter:   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_USER\_ID   + VAR\_TRANS\_CODE   + Selected Department Code   + Selected Supplier ID   + Selected Period from dengan format yyyymm   + Selected Period to dengan format yyyymm   + VAR\_LANGUAGE\_ID * IF Grid empty,   + Display message “No data found!” |

## TAB INVOICE ENTRY

### TAB INVOICE HEADER

#### USER INTERFACE

##### INITIAL VERSION (PAGE FORMAT)

A screenshot of a computer

Description automatically generated

##### INITIAL VERSION (POPUP FORMAT)

A screenshot of a computer

Description automatically generated

#### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Add | Jalankan ADD INVOICE PROCESS |
| Edit | Jalankan EDIT INVOICE PROCESS |
| Delete | Jalankan DELETE INVOICE PROCESS |
|  |  |
| Submit | Jalankan SUBMIT PROCESS |
| Redraft | Jalankan REDRAFT PROCESS |
| Print | Jalankan PRINT INVOICE PROCESS |
|  |  |
| Detail | Jalankan POPUP INVOICE DETAIL |
| Summary | Jalankan POPUP INVOICE SUMMARY |
| Journal | Jalankan GLF00100 dengan parameter   * VAR\_COMPANY\_ID * Department Code * VAR\_TRANS\_CODE * GL Reference No. * VAR\_LANGUAGE\_ID |
|  |  |
| Tax | TBA |
| Allocate | Jalankan APF00100 dengan parameter   * Invoice Record ID * VAR\_COMPANY\_ID * VAR\_PROPERTY\_ID * Department Code * VAR\_TRANS\_CODE * Reference No. * VAR\_LANGUAGE\_ID * VAR\_USER\_ID * 0 |
|  |  |
| Cancel | Jalankan CANCEL INVOICE PROCESS |
| Save | Jalankan SAVE INVOICE PROCESS |
|  |  |

#### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_SAVE\_MODE=VIEW * IF has selected invoice di Tab Invoice List   + Set VAR\_INVOICE\_REC\_ID = Selected Invoice Record ID   + Jalankan REFRESH FORM PROCESS |  |

#### DISPLAY PROCESS

##### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Invoice Record ID | CREC\_ID | Hidden |  |
| GL Reference No. | CGL\_REF\_NO | Hidden |  |
| Property | CPROPERTY\_ID | Combobox  Isi combobox dengan RSP\_GS\_GET\_PROPERTY\_LIST dengan parameter   * VAR\_COMPANY\_ID * VAR\_USER\_ID   Set item code=CPROPERTY\_ID  Set Item name=CPROPERTY\_NAME | IF VAR\_SAVE\_MODE=NEW THEN Enabled ELSE Disabled  On selected value changed   * Refresh Term Combobox * Reset Department * Reset Supplier ID and Supplier Seq. No. |
| Status Code | CTRANS\_STATUS | Hidden |  |
| Status Name | CTRANS\_STATUS\_NAME | Label |  |
| Department Code | CDEPT\_CODE | Lookup | * IF VAR\_SAVE\_MODE=NEW THEN Enabled ELSE Disabled * Lookup dengan program GSL00710 DEPARTMENT PROPERTY LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_USER\_ID * Hasil Lookup   + Set Department Code = CDEPT\_CODE   + Set Department Name = CDEPT\_NAME |
| Department Name | CDEPT\_NAME | Textbox, disabled |  |
| Reference No. | CREF\_NO | Textbox | * Disabled |
| Ref. Date | CREF\_DATE | Datepicker  Set Default=Today | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Mandatory |
| Supplier ID | CSUPPLIER\_ID | Lookup | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Lookup dengan program APL00100 SUPPLIER LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_LANGUAGE\_ID * Hasil Lookup   + Set Supplier ID = CSUPPLIER\_ID   + Set Supplier Name = CSUPPLIER\_NAME   + Set One time supplier flag = LONETIME   + Reset Supplier Sequence No. |
| Supplier Sequence No. | CSUPPLIER\_SEQ\_NO | Lookup | * IF VAR\_SAVE\_MODE=VIEW THEN   + Disabled * ELSE IF Supplier One Time Flag=1 THEN   + Enabled * ELSE   + Disabled * Lookup dengan program APL00110 SUPPLIER INFO LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + Selected Supplier ID   + VAR\_LANGUAGE\_ID * Hasil Lookup   + Set Supplier Sequence No. = CSEQ\_NO   + Set Supplier Name = CSUPPLIER\_NAME |
| Supplier Name | CSUPPLIER\_NAME | Textbox | * IF VAR\_SAVE\_MODE<>VIEW AND LONETIME=1 THEN Enabled ELSE Disabled * Mandatory * Maximum 100 karakter |
| One Time Supplier Flag | LONETIME | Hidden |  |
|  |  |  |  |
| Supplier’s Ref. No. | CDOC\_NO | Textbox | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Mandatory * Maximum 30 karakter |
| Date | CDOC\_DATE | Datepicker  Set Default=Today | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Mandatory |
| Terms |  | Isi combobox dengan VAR\_PAYMENT\_TERM\_LIST  Set Item Code= VAR\_PAYMENT\_TERM\_LIST .CPAY\_TERM\_CODE  Set Item Name= VAR\_PAYMENT\_TERM\_LIST .CPAY\_TERM\_NAME | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Mandatory   On Selected Value Changed   * Set VAR\_PAY\_TERM\_DAYS = Lookup VAR\_PAY\_TERM\_LIST.IPAY\_TERM\_DAYS by selected term code * Set Due Date = Supplier Ref. Date + VAR\_PAY\_TERM\_DAYS |
| Due Date | CDUE\_DATE | Datepicker | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Mandatory   On Value Changed   * IF Due Date < Supplier Date THEN Set Due Date = Supplier Date * Set VAR\_PAY\_TERM\_DAYS = Due Date – Supplier Ref. Date * Set Selected Term=Lookup VAR\_PAY\_TERM\_LIST.CPAY\_TERM\_CODE by VAR\_PAY\_TERM\_DAYS |
| Currency | CCURRENCY\_CODE | Isi combobox dengan RSP\_GS\_GET\_CURRENCY\_LIST dengan parameter   * VAR\_COMPANY\_ID * VAR\_USER\_ID   Set Item Code=CCURRENCY\_CODE  Set Item Name= CCURRENCY\_CODE  + ‘ – ‘ + CCURRENCY\_NAME | * Mandatory * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled   On selected value changed   * Jalankan REFRESH CURRENCY RATE PROCESS |
|  |  |  |  |
| Local Currency (Base Rate) | NLBASE\_RATE | Textbox | * IF VAR\_SAVE\_MODE <> VIEW AND selected currency code <> VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE THEN Enabled ELSE Disabled * Numeric with 0 decimal point |
| Transaction Currency Code | CCURRENCY\_CODE | Textbox, disabled |  |
| Local Currency Rate | NLCURRENCY\_RATE | Textbox | * IF VAR\_SAVE\_MODE <> VIEW AND selected currency code <> VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE THEN Enabled ELSE Disabled * Numeric with 6 decimal points |
| Local Currency Code | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Base Currency (Base Rate) | NBBASE\_RATE | Textbox | * IF VAR\_SAVE\_MODE <> VIEW AND selected currency code <> VAR\_GSM\_COMPANY.CBASE\_CURRENCY\_CODE THEN Enabled ELSE Disabled * Numeric with 0 decimal point |
| Transaction Currency Code | CCURRENCY\_CODE | Textbox, disabled |  |
| Base Currency (Currency Rate) | NBCURRENCY\_RATE | Textbox | * IF VAR\_SAVE\_MODE <> VIEW AND selected currency code <> VAR\_GSM\_COMPANY.CBASE\_CURRENCY\_CODE THEN Enabled ELSE Disabled * Numeric with 6 decimal point |
| Base Currency Code | VAR\_GSM\_COMPANY.CBASE\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Taxable | LTAXABLE | Checkbox | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled   On value changed   * IF True THEN   + Enable Tax ID Lookup   + Enable Tax Rate (Base Rate)   + Enable Tax Rate (Currency Rate) * ELSE   + Reset Tax ID, Tax Percentage   + Disable Tax ID Lookup   + Disable Tax Rate (Base Rate)   + Disable Tax Rate (Currency Rate) |
| Tax ID | CTAX\_ID | Lookup | * IF VAR\_SAVE\_MODE <> VIEW AND LTAXABLE=1 THEN Enabled ELSE Disabled * Lookup dengan program GSL00110 TAX BY DATE LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Input Ref. Date dengan format yyyymmdd   + VAR\_USER\_ID * Hasil Lookup   + Set Tax ID = CTAX\_ID   + Set Tax Name = CTAX\_NAME   + Set Tax Percentage = NTAX\_PERCENTAGE |
| Tax Name | CTAX\_NAME | Textbox, disabled |  |
| Tax Percentage | NTAX\_PCT | Textbox, disabled |  |
|  |  |  |  |
| Tax Rate (Base Rate) | NTAX\_BASE\_RATE | Textbox | * IF VAR\_SAVE\_MODE <> VIEW AND selected currency code <> VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE THEN Enabled ELSE Disabled * Numeric with 0 decimal point |
| Transaction Currency Code | CCURRENCY\_CODE | Textbox, disabled |  |
| Tax Rate Currency Rate | NTAX\_CURRENCY\_RATE | Textbox | * IF VAR\_SAVE\_MODE <> VIEW AND selected currency code <> VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE THEN Enabled ELSE Disabled * Numeric with 6 Decimal Point |
| Local Currency Code | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Description | CTRANS\_DESC | Textarea | * Mandatory * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Maximum 200 karakter |
| **Summary** | | | |
| Total Price | NAMOUNT | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Total Discount | NDISCOUNT | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Total Discount | NDISCOUNT | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Summary Discount | NSUMMARY\_DISCOUNT | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Add On | NADD\_ON | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Net Amount | NTAXABLE\_AMOUNT | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Tax (Trx Amount) | NTAX | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE |  |  |
| (Local Amount) | NLTAX | Textbox, disabled | Numeric with 2 decimal point |
|  | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Other Tax (Trx Amount) | NOTHER\_TAX | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE |  |  |
| (Local Amount) | NLOTHER\_TAX | Textbox, disabled | Numeric with 2 decimal point |
|  | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Addition | NADDITION | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Deduction | NDEDUCTION | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE |  |  |
|  |  |  |  |
| Total Purchase Amount | NTOTAL\_AMOUNT | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | 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 |  |
|  |  |  |  |
|  |  |  |  |

##### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Add | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Edit | IF VAR\_SAVE\_MODE=VIEW AND CTRANS\_STATUS=00 THEN Enabled ELSE Disabled |
| Delete | IF VAR\_SAVE\_MODE=VIEW AND CTRANS\_STATUS=00 THEN Enabled ELSE Disabled |
|  |  |
| Submit | IF VAR\_SAVE\_MODE=VIEW AND CTRANS\_STATUS=00 THEN Enabled ELSE Disabled |
| Redraft | IF VAR\_SAVE\_MODE=VIEW AND CTRANS\_STATUS=10 THEN Enabled ELSE Disabled |
| Print | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
|  |  |
| Detail | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Summary | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Journal | IF VAR\_SAVE\_MODE=VIEW AND CTRANS\_STATUS > 00 AND GL Reference No. <> ‘’ THEN Enabled ELSE Disabled |
|  |  |
| Tax | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Allocate | 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 |
|  |  |

#### ADD INVOICE PROCESS

##### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG | 0 | Cannot process Purchase Invoice with Manual Numbering! Transaction numbering setting for Purchase Invoice should be auto increment, not manual numbering! |
|  |  |  |

##### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = NEW * Disable Tab Invoice List * Disable Tab Invoice Item * Reset Form * Enable Edit Semua Editable field * Enable button   + Save   + Cancel * Disable button   + Add   + Edit   + Delete   + Submit   + Redraft   + Print   + Detail   + Summary   + Journal   + Tax   + Allocate * Set focus ke field Property |

#### EDIT INVOICE PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = EDIT * Disable Tab Invoice List * Disable Tab Invoice Item * Enable Edit Semua Editable field * Enable button   + Save   + Cancel * Disable button   + Add   + Edit   + Delete   + Submit   + Redraft   + Print   + Detail   + Summary   + Journal   + Tax   + Allocate * Set focus ke field Supplier |

#### DELETE INVOICE PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Display Confirmation message ‘Are you sure want to delete this Purchase Invoice?’[Yes/No] * IF No THEN kembali ke form * Jalankan RSP\_AP\_DELETE\_TRANS\_HD dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + Selected Invoice->CREC\_ID * IF Success   + Display message ‘Purchase Invoice Deleted Successfully!’ * ELSE   + Display Error Message |

#### SUBMIT PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Display confirmation message ‘Are you sure want to submit this Purchase Invoice? [Yes/No]’ * IF Yes THEN Continue Process ELSE Kembali ke form * Jalankan RSP\_AP\_SUBMIT\_TRANS\_HD dengan parameter   + VAR\_COMPANY\_ID   + Property ID   + VAR\_USER\_ID   + Invoice Record ID * IF Success   + Display Error Message * Jalankan REFRESH FORM PROCESS |

#### REDRAFT PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Display confirmation message ‘Are you sure want to redraft this Purchase Invoice? [Yes/No]’ * IF Yes THEN Continue Process ELSE Kembali ke form * Jalankan RSP\_AP\_UPDATE\_TRANS\_HD\_STATUS dengan parameter   + VAR\_COMPANY\_ID   + Property ID   + VAR\_USER\_ID   + Invoice Record ID   + 00 (Hardcoded) * IF Success   + Display Error Message * Jalankan REFRESH FORM PROCESS |

#### SAVE INVOICE PROCESS

##### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Property | Empty | Please select property! |
| Department | Empty | Please select department! |
| Supplier ID | Empty | Please select supplier! |
| Supplier Name | Empty | Supplier Name is required! |
| Supplier’s Ref. No. | Empty | Supplier Reference No. is required! |
| Supplier Reference Date | Empty | Supplier Reference Date is required! |
| Term | Empty | Please select term! |
| Currency | Empty | Please select currency! |
|  |  |  |
| 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! |
|  |  |  |
| Tax ID | Taxable=true  AND  Empty | Please select Tax ID! |
| Tax Base Rate | Taxable=true  AND  <= 0 | Tax Base Rate must be greater than 0! |
| Tax Currency Rate | Taxable=true  AND  <= 0 | Tax Rate must be greater than 0! |
|  |  |  |
| Description | Empty | Description is required! |
|  |  |  |
|  |  |  |
|  |  |  |

##### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_AP\_SAVE\_TRANS\_HD dengan parameter berikut, simpan hasil ke VAR\_RESULT:   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_USER\_ID   + VAR\_SAVE\_MODE   + IF VAR\_SAVE\_MODE=NEW THEN ‘’ ELSE VAR\_INVOICE\_REC\_ID   + IF VAR\_SAVE\_MODE=NEW THEN ‘’ ELSE Selected Reference No.   + Selected Department Code   + VAR\_TRANS\_CODE   + Input Reference Date dengan format yyyymmdd   + Selected Supplier ID   + Selected Supplier Sequence No.   + Input Supplier Name   + One Time Supplier Flag   + Input Supplier Reference No.   + Input Supplier Reference Date dengan format yyyymmdd   + Selected Term Code   + Input Due Date dengan format yyyymmdd   + Input Description   + Selected Currency Code   + Input Local Currency Base Rate   + Input Local Currency Rate   + Input Base Currency Base Rate   + Input Base Currency Rate   + Taxable Checkbox value   + Selected Tax ID   + Selected Tax Percentage   + Input Tax Base Rate   + Input Tax Rate   + AP   + 00 * IF Success   + Enable Tab Invoice List   + Set VAR\_INVOICE\_REC\_ID = VAR\_RESULT.CREC\_ID   + IF VAR\_SAVE\_MODE=NEW THEN Jalankan POPUP INVOICE DETAIL * IF Error   + Display error message * Set VAR\_SAVE\_MODE = VIEW * Jalankan REFRESH FORM PROCESS |
|  |

#### CANCEL SAVE INVOICE 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 |

#### REFRESH FORM PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * IF Popup Mode THEN   + Refresh form dengan RSP\_AP\_GET\_TRANS\_HD dengan parameter     - PARAM\_COMPANY\_ID     - ‘’     - PARAM\_DEPT\_CODE     - PARAM\_TRANS\_CODE     - PARAM\_REF\_NO     - ‘’     - VAR\_LANGUAGE\_ID * ELSE   + Refresh form dengan RSP\_AP\_GET\_TRANS\_HD dengan parameter     - VAR\_COMPANY\_ID     - ‘’     - ‘’     - ‘’     - ‘’     - VAR\_INVOICE\_REC\_ID     - VAR\_LANGUAGE\_ID * 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\_CURRENCY\_RATE   + VAR\_COMPANY\_ID   + Selected Currency Code   + VAR\_AP\_SYSTEM\_PARAM.CCUR\_RATETYPE\_CODE   + Input Reference Date dengan format yyyymmdd * IF VAR\_CURRENCY\_RATE not Empty   + Set Local Currency Base Rate = VAR\_CURRENCY\_RATE.NLBASE\_RATE   + Set Local Currency Rate = VAR\_CURRENCY\_RATE.NLCURRENCY\_RATE   + Set Base Currency Base Rate = VAR\_CURRENCY\_RATE.NBBASE\_RATE   + Set Base Currency Rate = VAR\_CURRENCY\_RATE.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 * Jalankan RSP\_GS\_GET\_LAST\_CURRENCY\_RATE dengan parameter, simpan hasil ke VAR\_TAX\_RATE   + VAR\_COMPANY\_ID   + Selected Currency Code   + VAR\_AP\_SYSTEM\_PARAM.CTAX\_RATETYPE\_CODE   + Input Reference Date dengan format yyyymmdd * IF VAR\_TAX\_RATE not Empty   + Set Tax Base Rate = VAR\_TAX\_RATE.NLBASE\_RATE   + Set Tax Currency Rate = VAR\_TAX\_RATE.NLCURRENCY\_RATE * ELSE   + Set Tax Base Rate = 1   + Set Tax Currency Rate = 1 |

#### REFRESH PAYMENT TERM LIST PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_GS\_GET\_PAYMENT\_TERM\_LIST dengan parameter, simpan hasil ke VAR\_PAYMENT\_TERM\_LIST   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_USER\_ID |

#### PRINT REPORT PROCESS

##### REPORT LAYOUT

PAPER SIZE: A4 PORTRAIT

##### INITIAL VERSION

A close-up of a purchase invoice

Description automatically generated

##### REPORT DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Report** | **Name** | **Field** | **Validation** |
| **HEADER** | COMPANY LOGO | VAR\_COMPANY\_LOGO |  |
| Title | PURCHASE INVOICE |  |
| Ref. No. | CREF\_NO |  |
| Date | CREF\_DATE | Format dengan dd-Mon-yyyy |
| Supplier’s Ref. no. | CDOC\_NO |  |
| Date | CDOC\_DATE | Format dengan dd-Mon-yyyy |
| Supplier | CSUPPLIER\_NAME |  |
| Address | CSUPPLIER\_ADDRESS |  |
|  |  |  |
| Currency | CCURRENCY\_CODE |  |
| Terms | CPAY\_TERM\_NAME |  |
|  |  |  |
| Phone / Fax | CSUPPLIER\_PHONE1 / CSUPPLIER\_FAX1 |  |
| Email | CSUPPLIER\_EMAIL1 |  |
|  |  |  |
| **DETAIL** | No. | INO |  |
| Description | CPRODUCT\_ID |  |
|  | CPRODUCT\_NAME |  |
|  | CDETAIL\_DESC |  |
| Quantity | <CR1>~~NTRANS\_QTY~~ NBILL\_UNIT\_QTY</CR1> | Format with Thousand Separator with 2 Decimal |
|  | CUNIT |  |
| Unit Price | NUNIT\_PRICE | Format with Thousand Separator with 2 Decimal |
| Total Price | NLINE\_AMOUNT | Format with Thousand Separator with 2 Decimal |
| Discount | NTOTAL\_DISCOUNT | Format with Thousand Separator with 2 Decimal |
| Add On | NDIST\_ADD\_ON | Format with Thousand Separator with 2 Decimal |
| Amount | NLINE\_TAXABLE\_AMOUNT | Format with Thousand Separator with 2 Decimal |
|  |  |  |
| **FOOTER** | Says | CTOTAL\_AMOUNT\_IN\_WORDS |  |
|  | Notes | CTRANS\_DESC |  |
|  | Sub Total | NTAXABLE\_AMOUNT | Format with Thousand Separator with 2 Decimal |
|  | Tax | NTAX | Format with Thousand Separator with 2 Decimal |
|  | Other Tax | NOTHER\_TAX | Format with Thousand Separator with 2 Decimal |
|  | Addition | NADDITION | Format with Thousand Separator with 2 Decimal |
|  | Deduction | NDEDUECTION | Format with Thousand Separator with 2 Decimal |
|  | Grand Total | NTRANS\_AMOUNT | Format with Thousand Separator with 2 Decimal |
|  |  |  |  |
| **Sub Report GL Account** | | | |
| **Detail** | Account No. | CGLACCOUNT\_NO |  |
| Account Name | CGLACCOUNT\_NAME |  |
| Center | CCENTER\_CODE - CCENTER\_NAME |  |
| Curr. | CCURRENCY\_CODE |  |
| Debit | IF NDEBIT > 0 THEN NDEBIT ELSE BLANK |  |
| Credit | IF NCREDIT > 0 THEN NDEBIT ELSE BLANK |  |
| **Footer** | Grand Total Debit | Hasil kalkulasi total NDEBIT |  |
|  | Grand Total Credit | Hasil kalkulasi total NCREDIT |  |

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Set VAR\_COMPANY\_LOGO dengan query berikut:   + SELECT dbo.RFN\_GET\_COMPANY\_LOGO(VAR\_COMPANY\_ID) AS OLOGO * Jalankan report dengan RSP\_AP\_REP\_TRANS\_HD dengan dengan parameter berikut:   + VAR\_COMPANY\_ID   + ‘’   + ‘’   + ‘’   + ‘’   + Invoice Record ID   + CLANGUAGE\_ID * Jalankan RSP\_GL\_GET\_JOURNAL\_DETAIL\_LIST dengan parameter untuk Sub Report   + CJRN\_ID dari main report   + VAR\_LANGUAGE\_ID |

### TAB INVOICE ITEM

#### USER INTERFACE

##### INITIAL VERSION

A screenshot of a computer

Description automatically generated

#### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
|  |  |

#### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Jalankan REFRESH INVOICE ITEM PROCESS |  |

#### DISPLAY PROCESS

##### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property | CPROPERTY\_NAME | Textbox, disabled |  |
| Department | CDEPT\_CODE | Textbox, disabled |  |
|  | CDEPT\_NAME | Textbox, disabled |  |
| Supplier | CSUPPLIER\_ID | Textbox, disabled |  |
|  | CSUPPLIER\_NAME | Textbox, disabled |  |
|  | CSUPPLIER\_SEQ\_NO | Textbox, disabled |  |
| Ref. No. | CREF\_NO | Textbox, disabled |  |
| Ref. Date | CREF\_DATE | Textbox, disabled |  |
| Currency | CCURRENCY\_CODE | Textbox, disabled |  |
|  | CCURRENCY\_NAME | Textbox, disabled |  |
|  |  |  |  |
| Local Currency | NLBASE\_RATE | Textbox, disabled | Numeric with 0 Decimal Point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
|  | NLCURRENCY\_RATE | Textbox, disabled | Numeric with 6 Decimal Point |
|  | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Tax Rate | NTAX\_BASE\_RATE | Textbox, disabled | Numeric with 0 Decimal Point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
|  | NTAX\_CURRENCY\_RATE | Textbox, disabled | Numeric with 6 Decimal Point |
|  | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
| **Product Detail Info** | | | |
| Product Dept. | CPROD\_DEPT\_CODE | Textbox, disabled |  |
|  | CPROD\_DEPT\_NAME | Textbox, disabled |  |
|  |  |  |  |
| Product | CPRODUCT\_ID | Textbox, disabled |  |
|  | CPRODUCT\_NAME | Textbox, disabled |  |
|  |  |  |  |
| Line Discount | NDISC\_AMOUNT | Textbox, disabled | Numeric with 2 Decimal Point |
| Summary Discount | NDIST\_DISCOUNT | Textbox, disabled | Numeric with 2 Decimal Point |
| Add On | NDIST\_ADD\_ON | Textbox, disabled | Numeric with 2 Decimal Point |
|  |  |  |  |
| Tax | NTAX\_AMOUNT | Textbox, disabled | Numeric with 2 Decimal Point |
| Other Tax | NOTHER\_TAX\_AMOUNT | Textbox, disabled | Numeric with 2 Decimal Point |
| Line Amount | NLINE\_AMOUNT | Textbox, disabled | Numeric with 2 Decimal Point |
|  |  |  |  |

##### INVOICE ITEM GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Invoice Item Record ID | CREC\_ID | Hidden |  |
| Seq. No. | CSEQ\_NO | Label |  |
| Type | CPROD\_TYPE\_NAME | Label |  |
| Supplier Product ID | CSUP\_PRODUCT\_ID | Label |  |
| Supplier Product Name | CSUP\_PRODUCT\_NAME | Label |  |
| Unit | CBILL\_UNIT | Label |  |
| Qty | <CR1>~~NTRANS\_QTY~~ NBILL\_UNIT\_QTY</CR1> | Label | Numeric with 2 Decimal Point |
| Unit Price | NUNIT\_PRICE | Label | Numeric with 2 Decimal Point |
| Total Price | NAMOUNT | Label | Numeric with 2 Decimal Point |
|  |  |  |  |
| 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 REFRESH PRODUCT DETAIL PROCESS | | | |

#### REFRESH PRODUCT DETAIL PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Refresh Product Detail Info dengan RSP\_AP\_GET\_TRANS\_PD dengan parameter   + VAR\_COMPANY\_ID   + ‘’   + ‘’   + ‘’   + ‘’   + ‘’   + Selected Invoice Item Record ID   + VAR\_LANGUAGE\_ID |

#### REFRESH INVOICE ITEM PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Refresh Invoice Header Info dengan RSP\_AP\_GET\_TRANS\_HD dengan parameter   + VAR\_COMPANY\_ID   + ‘’   + ‘’   + ‘’   + ‘’   + VAR\_INVOICE\_REC\_ID   + VAR\_LANGUAGE\_ID * Refresh Invoice Item Grid dengan RSP\_AP\_GET\_TRANS\_PD\_LIST dengan parameter   + VAR\_COMPANY\_ID   + ‘’   + ‘’   + ‘’   + ‘’   + VAR\_INVOICE\_REC\_ID   + VAR\_LANGUAGE\_ID * Jalankan DISPLAY PROCESS |

### INITIAL PROCESS

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

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Close | Close Form |
|  |  |
|  |  |
|  |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
|  |  |  |  |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Close | IF Popup Mode THEN Displayed and Enabled ELSE Hidden |

## POPUP INVOICE DETAIL

### TAB ITEM LIST

#### USER INTERFACE

##### INITIAL VERSION

A screenshot of a computer

Description automatically generated

#### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
|  |  |
|  |  |

#### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Refresh Invoice Item Grid dengan RSP\_AP\_GET\_TRANS\_PD\_LIST dengan parameter   + VAR\_COMPANY\_ID   + ‘’   + ‘’   + ‘’   + ‘’   + VAR\_INVOICE\_REC\_ID   + VAR\_LANGUAGE\_ID |  |

#### DISPLAY PROCESS

##### FIELD DEFINITION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Field** |  | **Type** | **Validation** |
| Product Dept. | CPROD\_DEPT\_CODE |  | Textbox, disabled |  |
|  | CPROD\_DEPT\_NAME |  | Textbox, disabled |  |
|  |  |  |  |  |
| Product | CPRODUCT\_ID |  | Textbox, disabled |  |
|  | CPRODUCT\_NAME |  | Textbox, disabled |  |
|  |  |  |  |  |
| Line Discount | NDISC\_AMOUNT |  | Textbox, disabled | Numeric with 2 Decimal Point |
| Summary Discount | NDIST\_DISCOUNT |  | Textbox, disabled | Numeric with 2 Decimal Point |
| Add On | NDIST\_ADD\_ON |  | Textbox, disabled | Numeric with 2 Decimal Point |
|  |  |  |  |  |
| Tax | NTAX\_AMOUNT |  | Textbox, disabled | Numeric with 2 Decimal Point |
| Other Tax | NOTHER\_TAX\_AMOUNT |  | Textbox, disabled | Numeric with 2 Decimal Point |
| Line Amount | NLINE\_AMOUNT |  | Textbox, disabled | Numeric with 2 Decimal Point |
|  |  |  |  |  |

##### INVOICE ITEM GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Invoice Item Record ID | CREC\_ID | Hidden |  |
| Seq. No. | CSEQ\_NO | Label |  |
| Type | CPROD\_TYPE\_NAME | Label |  |
| Supplier Product ID | CSUP\_PRODUCT\_ID | Label |  |
| Supplier Product Name | CSUP\_PRODUCT\_NAME | Label |  |
| Unit | CBILL\_UNIT | Label | Numeric with 2 Decimal Point |
| Qty | <CR1>~~NTRANS\_QTY~~ NBILL\_UNIT\_QTY</CR1> | Label | Numeric with 2 Decimal Point |
| Unit Price | NUNIT\_PRICE | Label | Numeric with 2 Decimal Point |
| Total Price | NAMOUNT | Label | Numeric with 2 Decimal Point |
|  |  |  |  |
| 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 REFRESH INVOICE ITEM PROCESS | | | |

##### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
|  |  |
|  |  |
|  |  |
|  |  |

#### REFRESH INVOICE ITEM PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Refresh Product Detail Info dengan RSP\_AP\_GET\_TRANS\_PD dengan parameter   + VAR\_COMPANY\_ID   + ‘’   + ‘’   + ‘’   + ‘’   + ‘’   + Selected Invoice Item Record ID   + VAR\_LANGUAGE\_ID |

### TAB ITEM ENTRY

#### USER INTERFACE

##### INITIAL VERSION

A screenshot of a computer

Description automatically generated

#### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Add | Jalankan ADD ITEM PROCESS |
| Edit | Jalankan EDIT ITEM PROCESS |
| Delete | Jalankan DELETE ITEM PROCESS |
|  |  |
| Cancel | Jalankan CANCEL ITEM PROCESS |
| Save | Jalankan SAVE ITEM PROCESS |

#### DISPLAY PROCESS

##### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Invoice Item Record ID | CREC\_ID | Hidden |  |
|  |  |  |  |
| Product Dept. Code | CPROD\_DEPT\_CODE | Lookup | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Mandatory * Lookup dengan program GSL00710 DEPARTMENT PROPERTY LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_USER\_ID * Hasil Lookup   + Set Product Dept. Code = CDEPT\_CODE   + Set Product Dept. Name = CDEPT\_NAME |
| Product Dept. Name | CPROD\_DEPT\_NAME | Textbox, disabled |  |
|  |  |  |  |
| Product Type | CPROD\_TYPE | Combobox  Tambah item combobox dengan RSP\_GS\_GET\_GSB\_CODE\_LIST dengan parameter:   * BIMASAKTI * VAR\_COMPANY\_ID * \_AP\_PRODUCT\_TYPE VAR\_LANGUAGE\_ID   Set Item Code = CCODE  Set Item Name = CNAME | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Mandatory   On Selected value changed   * Reset Product/Expenditure Lookup * IF Selected Value=P THEN   + Set Product / Expenditure Label=Product   + Enable Allocation ID Lookup * ELSE   + Set Product / Expenditure Label=Expenditure   + Reset and Disable Allocation ID Lookup |
| Product / Expenditure | CPRODUCT\_ID | Lookup | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Mandatory   IF Selected Product Type=P THEN   * Lookup dengan program APL00300 PRODUCT LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + IF Taxable Flag=1 THEN 1 ELSE 2   + IF VAR\_SAVE\_MODE=NEW THEN 1 ELSE 0   + VAR\_LANGUAGE\_ID   + VAR\_REF\_DATE * Hasil Lookup   + Set Product / Expenditure Name=CPRODUCT\_NAME   + Set Supplier’s Product ID=CALIAS\_ID   + Set Supplier’s Product Name=CALIAS\_NAME   + Other Tax ID=COTHER\_TAX\_ID   + Other Tax Name=COTHER\_TAX\_NAME   + Other Tax Percentage=NOTHER\_TAX\_PCT   + Set Unit 1=CUNIT1   + Set Unit 2=CUNIT2   + Set Unit 3=CUNIT3   ELSE   * Lookup dengan program APL00200 EXPENDITURE LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + IF Taxable Flag=1 THEN 1 ELSE 2   + IF VAR\_SAVE\_MODE=NEW THEN 1 ELSE 0   + VAR\_LANGUAGE\_ID   + VAR\_REF\_DATE * Hasil Lookup   + Set Product / Expenditure Name=CEXPENDITURE\_NAME   + Set Supplier’s Product ID= CEXPENDITURE\_ID   + Set Supplier’s Product Name= CEXPENDITURE\_NAME   + Other Tax ID=COTHER\_TAX\_ID   + Other Tax Name=COTHER\_TAX\_NAME   + Other Tax Percentage=NOTHER\_TAX\_PCT   + Set Unit 1=CUNIT   + Set Unit 2=’’   + Set Unit 3=’’ |
| Product/Expenditure Name | CPRODUCT\_NAME | Textbox, disabled |  |
|  |  |  |  |
| Supplier’s Product ID | CSUP\_PRODUCT\_ID | Textbox, disabled |  |
| Supplier’s Product Name | CSUP\_PRODUCT\_NAME | Textbox, disabled |  |
|  |  |  |  |
| Allocation ID | CALLOC\_ID | Lookup | * IF VAR\_SAVE\_MODE <> VIEW AND Product Type=P THEN Enabled ELSE Disabled * IF Product Type=P THEN Mandatory ELSE Not Mandatory * Lookup dengan program APL00400 PRODUCT ALLOCATION LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property IDE   + IF VAR\_SAVE\_MODE=NEW THEN 1 ELSE 0   + VAR\_LANGUAGE\_ID * Hasil Lookup   + Set Allocation ID = CALLOC\_ID   + Set Allocation Name = CALLOC\_NAME |
| Allocation Name | CALLOC\_NAME | Textbox, disabled |  |
| Notes | CDETAIL\_DESC | Textbox | * IF VAR\_SAVE\_MODE = VIEW THEN Disabled ELSE Enabled |
| Unit 1 | CUNIT1 | Hidden |  |
| Unit 2 | CUNIT2 | Hidden |  |
| Unit 3 | CUNIT3 | Hidden |  |
|  |  |  |  |
| **Purchase Qty** | | | |
| Purchase Qty | <CR1>~~NTRANS\_QTY~~ NBILL\_UNIT\_QTY</CR1> | Textbox | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Numeric with 2 Decimal Point * > 0 * Mandatory   On value changed   * Set Approved Qty = value * Jalankan REFRESH ITEM VALUE PROCESS |
|  |  |  |  |
| Purchase Unit | IBILL\_UNIT | IF Unit 1 not empty THEN add item code/name   * 1=Unit 1   IF Unit 2 not empty THEN add item code/name   * 2=Unit 2   IF Unit 3 not empty THEN add item code/name   * 3=Unit 3   add item code/name   * 4=Other | * IF VAR\_SAVE\_MODE = VIEW THEN Disabled ELSE Enabled * Mandatory   On selected value changed   * IF value=4 THEN   + Enable Billing Unit and CF (Conversion Factor) * ELSE   + Reset and Disable Billing Unit   + Reset and disable CF (Conversion Factor) * Jalankan REFRESH ITEM VALUE PROCESS |
| Billing Unit | CBILL\_UNIT | Textbox | * IF VAR\_SAVE\_MODE <> VIEW AND Selected Purchase Unit=4 THEN Enabled ELSE Disabled * Maximum 10 karakter |
| CF (Conversion Factor) | NSUPP\_CONV\_FACTOR | Textbox | * IF VAR\_SAVE\_MODE <> VIEW AND Selected Purchase Unit=4 THEN Enabled ELSE Disabled * Numeric with 2 Decimal Point * > 0 |
| Unit 1 | CUNIT1 | Textbox, disabled |  |
|  |  |  |  |
| Approved Qty | <CR1>~~NAPPV\_QTY~~ NBILL\_UNIT\_QTY</CR1> | Textbox, disabled |  |
| Unit Price | NUNIT\_PRICE | Textbox | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Mandatory * Numeric with 2 Decimal Point   On value changed   * Jalankan REFRESH ITEM VALUE PROCESS |
| Total Price | NAMOUNT | Textbox, disabled | Numeric with 2 Decimal Point |
|  |  |  |  |
| **Line Discount** | | | |
| Discount Type | NDISC\_TYPE | Option button  Option value   * P=% (Default) * V=Amount | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Mandatory   On selected value changed   * IF Selected Value=P THEN   + Enable Discount Percentage   + Reset and Disable Discount Amount * ELSE   + Reset and Disable Discount Percentage   + Enable Discount Amount * Jalankan REFRESH ITEM VALUE PROCESS |
| Discount Percentage | NDISC\_PCT | Textbox | * IF VAR\_SAVE\_MODE <> VIEW AND Selected Discount Type=P THEN Enabled ELSE Disabled * Numeric with 2 Decimal Point   On value changed   * Jalankan REFRESH ITEM VALUE PROCESS |
| Discount Amount | NDISC\_AMOUNT | Textbox | * IF VAR\_SAVE\_MODE <> VIEW AND Selected Discount Type=V THEN Enabled ELSE Disabled * Numeric with 2 Decimal Point   On value changed   * Jalankan REFRESH ITEM VALUE PROCESS |
|  |  |  |  |
| Summary Discount | NDIST\_DISCOUNT | Textbox, disabled | Numeric with 2 Decimal Point |
| Add On | NDIST\_ADD\_ON | Textbox, disabled | Numeric with 2 Decimal Point |
| Net Amount | NTAXABLE\_AMOUNT | Textbox, disabled | Numeric with 2 Decimal Point |
|  |  |  |  |
| **Tax** | | | |
| Tax ID | CTAX\_ID | Textbox, disabled |  |
| Tax Name | CTAX\_NAME | Textbox, disabled |  |
| Tax Percentage | NTAX\_PCT | Textbox, disabled | Numeric with 2 Decimal Point |
| Tax Amount | NTAX\_AMOUNT | Textbox, disabled | Numeric with 2 Decimal Point |
|  |  |  |  |
| **Other Tax** | | | |
| Other Tax id | COTHER\_TAX\_ID | Lookup | * IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled * Lookup dengan program GSL00100 TAX LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID * Hasil Lookup   + Set Other Tax ID = CTAX\_ID   + Set Other Tax Name = CTAX\_NAME   On value changed   * Set Other Tax Amount=Other Tax Percentage \* Net Amount \* 0.01 * Jalankan REFRESH ITEM VALUE PROCESS |
| Other Tax Name | COTHER\_TAX\_NAME | Textbox, disabled |  |
| Other Tax Percentage | NOTHER\_TAX\_PCT | Textbox, disabled | Numeric with 2 Decimal Point |
| Other Tax Amount | NOTHER\_TAX\_AMOUNT | Textbox, disabled | Numeric with 2 Decimal Point |

##### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Add | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Edit | IF VAR\_SAVE\_MODE=VIEW AND CTRANS\_STATUS=00 THEN Enabled ELSE Disabled |
| Delete | IF VAR\_SAVE\_MODE=VIEW AND CTRANS\_STATUS=00 THEN Enabled ELSE Disabled |
|  |  |
| Cancel | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Save | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
|  |  |

#### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_SAVE\_MODE=VIEW * IF has selected invoice di Tab Item List   + Set VAR\_INVOICE\_ITEM\_REC\_ID = Selected Invoice Item Record ID   + Jalankan REFRESH INVOICE ITEM PROCESS |  |

#### REFRESH INVOICE ITEM PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Refresh Product Detail Info dengan RSP\_AP\_GET\_TRANS\_PD dengan parameter   + VAR\_COMPANY\_ID   + ‘’   + ‘’   + ‘’   + ‘’   + ‘’   + Selected Invoice Item Record ID   + VAR\_LANGUAGE\_ID |

#### REFRESH ITEM VALUE PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Set Total Price = Purchase Qty \* Unit Price dengan 2 decimal point * IF Discount Type=P THEN   + Set Discount Amount=Discount Percentage \* Total Price \* 0.01 * Set Net Amount = Total Price – Discount Amount – Summary Discount + Add On * Set Tax Amount = Net Amount \* Tax Percentage \* 0.01 * Set Other Tax Amount = Net Amount \* Other Tax Percentage \* 0.01 * Set Purchase Amount = Net Amount + Tax Amount + Other Tax Amount |

#### ADD ITEM PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = NEW * Disable Tab Item List * Reset Form * Set Tax ID=VAR\_TAX\_ID * Set Tax Name=VAR\_TAX\_NAME * Set Tax Percentage=VAR\_TAX\_PERCENTAGE * Enable Edit Semua Editable field * Enable button   + Save   + Cancel * Disable button   + Add   + Edit   + Delete * Set focus ke field Product Dept. |

#### EDIT ITEM PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = EDIT * Disable Tab Item List * Enable Edit Semua Editable field * Enable button   + Save   + Cancel * Disable button   + Add   + Edit   + Delete * Set focus ke field Product Dept. |

#### DELETE ITEM PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Display Confirmation message ‘Are you sure want to delete this Invoice Item?’[Yes/No] * IF No THEN kembali ke form * Jalankan RSP\_AP\_DELETE\_TRANS\_PD dengan parameter   + Selected Invoice Item->CREC\_ID * IF Success   + Display message ‘Invoice Item Deleted Successfully!’ * ELSE   + Display Error Message |

#### SAVE ITEM PROCESS

##### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Product Dept. | Empty | Please select Product Department! |
| Product Type | Empty | Please select Product Type! |
| Product | Selected Product Type=P  AND  Empty | Please select Product! |
| Expenditure | Selected Product Type=E  AND  Empty | Please select Expenditure! |
| Allocation ID | Selected Product Type=P  AND  Empty | Please select Allocation ID! |
|  |  |  |
| Purchase Qty | <=0 | Purchase Qty must be > 0! |
| Purchase Unit | Empty | Please select Purchase Unit! |
| Billing Unit | Selected Purchase Unit=4  AND  Empty | Billing Unit is required! |
| Conversion Factor | Selected Purchase Unit=4  AND  <=0 | Conversion Factor must be > 0! |
|  |  |  |
| Unit Price | <=0 | Unit Price must be > 0 |
|  |  |  |
| Discount Percentage | Selected Discount Type=P  AND  (< 0 OR > 100) | Invalid Discount Percentage! Please input value between 0 and 100. |
| Discount Amount | Selected Discount Type=V  AND  < 0 | Discount Amount cannot be < 0! |
|  | Selected Discount Type=V  AND  > Total Price | Invalid Discount Amount! Discount Amount cannot be > Total Price |
|  |  |  |

##### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_AP\_SAVE\_TRANS\_PD dengan parameter berikut, simpan hasil ke VAR\_RESULT:   + VAR\_COMPANY\_ID   + Property ID   + VAR\_USER\_ID   + Invoice Record ID   + VAR\_SAVE\_MODE   + IF VAR\_SAVE\_MODE=NEW THEN ‘’ ELSE Selected Invoice Item Record ID   + Ref. No   + Department code   + VAR\_TRANS\_CODE   + Selected Product Dept. Code   + Selected Product type   + Selected Product / Expenditure ID   + Selected Allocation ID   + Input Notes   + Selected Purchase Unit   + Input Billing Unit   + Input CF (Conversion Factor)   + Input Purchase Qty   + Input Unit Price   + Selected Discount Type   + Input Discount Percentage   + Discount Amount   + VAR\_TAX\_ID   + VAR\_TAX\_PCT   + Tax Amount   + Other Tax ID   + Other Tax Percentage   + Other Tax Amount   + Summary Discount   + Add Oon * IF Success   + Set VAR\_INVOICE\_ITEM\_REC\_ID = VAR\_RESULT.CREC\_ID * IF Error   + Display error message * Set VAR\_SAVE\_MODE = VIEW * Enable Tab Supplier List * Jalankan REFRESH FORM PROCESS |
|  |

#### CANCEL SAVE ITEM 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 |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_TAX\_ID=Selected Invoice Header->CTAX\_ID * Set VAR\_TAX\_NAME=Selected Invoice Header->CTAX\_NAME * Set VAR\_TAX\_PERCENTAGE=Selected Invoice Header->NTAX\_PCT * Jalankan REFRESH FORM PROCESS |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Invoice Record ID | CREC\_ID | Hidden |  |
| Property ID | CPROPERTY\_ID | Hidden |  |
| Property | CPROPERTY\_NAME | Textbox, disabled |  |
| Department | CDEPT\_CODE | Textbox, disabled |  |
|  | CDEPT\_NAME | Textbox, disabled |  |
| Supplier | CSUPPLIER\_ID | Textbox, disabled |  |
|  | CSUPPLIER\_NAME | Textbox, disabled |  |
|  | CSUPPLIER\_SEQ\_NO | Textbox, disabled |  |
| Ref. No | CREF\_NO | Textbox, disabled |  |
| Ref. Date | CREC\_DATE | Textbox, disabled |  |
| Currency Code | CCURRENCY\_CODE | Textbox, disabled |  |
|  | CCURRENCY\_NAME | Textbox, disabled |  |
|  |  |  |  |
| Currency Rate | NLBASE\_RATE | Textbox, disabled |  |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
|  | NBBASE\_RATE | Textbox, disabled |  |
|  | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Tax Rate | NLTAX\_RATE | Textbox, disabled |  |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
|  | NBTAX\_RATE | Textbox, disabled |  |
|  | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
| Taxable Flag | LTAXABLE | Hidden |  |
|  |  |  |  |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
|  |  |
|  |  |
|  |  |
|  |  |

### REFRESH FORM PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh form dengan RSP\_AP\_GET\_TRANS\_HD dengan parameter:   + VAR\_COMPANY\_ID   + ‘’   + ‘’   + ‘’   + ‘’   + VAR\_INVOICE\_REC\_ID   + VAR\_LANGUAGE\_ID * Jalankan DISPLAY PROCESS |

### ON CLOSE FORM PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * IF INVOICE ITEM Grid Not Empty   + Refresh form dengan RSP\_AP\_GENERATE\_WH\_TAX\_DEDUCTION dengan parameter:   + VAR\_COMPANY\_ID   + Property ID   + VAR\_USER\_ID   + Invoice Record ID   + IF Error     - Display error message   + ELSE     - Jalankan POPUP INVOICE SUMMARY |

## POPUP INVOICE SUMMARY

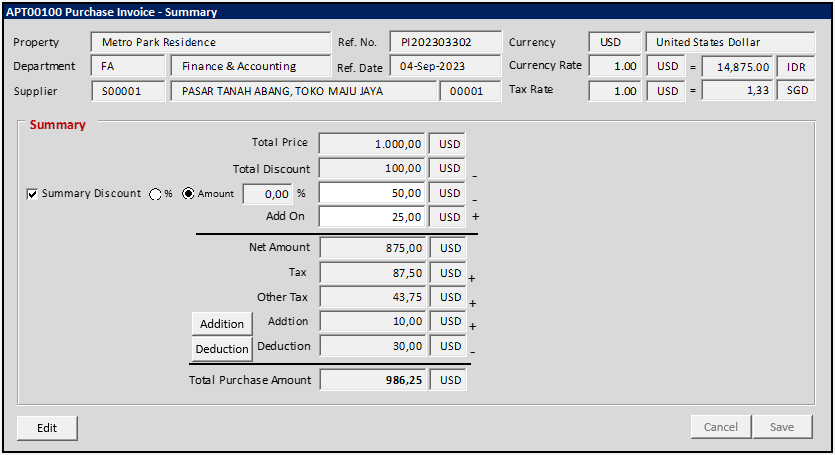
### USER INTERFACE

#### CR1

A screenshot of a computer

Description automatically generated

#### INITIAL VERSION



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Addition | Jalankan POPUP ADDITIONAL dengan parameter P\_ADDITIONAL\_TYPE=A |
| Deduction | Jalankan POPUP ADDITIONAL dengan parameter P\_ADDITIONAL\_TYPE=D |
| <CR1> |  |
| ~~Edit~~ | ~~Jalankan EDIT SUMMMARY PROCESS~~ |
| ~~Cancel~~ | ~~Jalankan CANCEL SAVE SUMMARY PROCESS~~ |
| </CR1> |  |
| Save | Jalankan SAVE SUMMARY PROCESS |

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_SAVE\_MODE=VIEW * Set VAR\_INVOICE\_REC\_ID = Selected Invoice Record ID * Jalankan REFRESH FORM PROCESS |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property ID | CPROPERTY\_ID | Hidden |  |
| Property | CPROPERTY\_NAME | Textbox, disabled |  |
| Department | CDEPT\_CODE | Textbox, disabled |  |
|  | CDEPT\_NAME | Textbox, disabled |  |
| Supplier | CSUPPLIER\_ID | Textbox, disabled |  |
|  | CSUPPLIER\_NAME | Textbox, disabled |  |
|  | CSUPPLIER\_SEQ\_NO | Textbox, disabled |  |
| Ref. No. | CREF\_NO | Textbox, disabled |  |
| Ref. Date | CREF\_DATE | Textbox, disabled |  |
| Currency | CCURRENCY\_CODE | Textbox, disabled |  |
|  | CCURRENCY\_NAME | Textbox, disabled |  |
|  |  |  |  |
| Local Currency | NLBASE\_RATE | Textbox, disabled | Numeric with 0 Decimal Point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
|  | NLCURRENCY\_RATE | Textbox, disabled | Numeric with 6 Decimal Point |
|  | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Tax Rate | NTAX\_BASE\_RATE | Textbox, disabled | Numeric with 0 Decimal Point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
|  | NTAX\_CURRENCY\_RATE | Textbox, disabled | Numeric with 6 Decimal Point |
|  | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| **Summary** | | | |
| Total Price | NAMOUNT | Textbox, disabled | Numeric with 2 Decimal Point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Total Discount | NDISCOUNT |  | Numeric with 2 Decimal Point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Summary Discount | LSUMMARY\_DISCOUNT | Checkbox | On selected value changed   * IF True THEN   + Enable Discount Type * ELSE   + Reset Discount Percentage   + Reset Discount Amount   + Disable Discount Type |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Discount Type | CSUMMARY\_DISC\_TYPE | Option button  Option value   * P=% (Default) * V=Amount | On selected value changed   * IF Selected Value=P THEN   + Enable Discount Percentage   + Reset and Disable Discount Amount * ELSE   + Enable Discount Amount   + Reset and Disable Discount Percentage |
| Discount Percentage | NSUMMARY\_DISC\_PCT | Textbox  Set Default value=0 | * Numeric with 2 decimal point * Valid value 0 to 100   On value changed   * Set Discount Amount=Discount Percentage \* (Total Price – Total Discount) \* 0.01 |
| Discount Amount | NSUMMARY\_DISCOUNT | Textbox  Set Default value=0 | Numeric with 2 decimal point  On value changed   * Jalankan CALCULATE PROCESS |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Add On | NADD\_ON | Textbox | Numeric with 2 decimal point  On value changed   * Jalankan CALCULATE PROCESS |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Net Amount | NTAXABLE\_AMOUNT | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Tax | NTAX | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Other Tax | NOTHER\_TAX | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Addition | NADDITION | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Deduction | NDEDUCTION | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
| Total Purchase Amount | NTOTAL\_AMOUNT | Textbox, disabled | Numeric with 2 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Addition | <CR1>~~IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE~~ Enabled</CR1> |
| Deduction | <CR1>~~IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE~~ Enabled</CR1> |
| <CR1> |  |
| ~~Edit~~ | ~~IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled~~ |
| ~~Cancel~~ | ~~IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled~~ |
| </CR1> |  |
| Save | <CR1>~~IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE~~ Enabled</CR1> |

### OUTPUT

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

### ROLES

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

### REFRESH FORM PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh form dengan RSP\_AP\_GET\_TRANS\_HD dengan parameter   + VAR\_COMPANY\_ID   + ‘’   + ‘’   + ‘’   + ‘’   + VAR\_INVOICE\_REC\_ID   + VAR\_LANGUAGE\_ID * Jalankan DISPLAY PROCESS |

### EDIT SUMMARY PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = EDIT * Enable Edit Semua Editable field * Enable button   + Addition   + Deduction   + Save   + Cancel * Disable button   + Edit * Set focus ke field Summary Discount Checkbox |

### SAVE SUMMARY PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Discount Percentage | Summary Discount=TRUE  AND  Selected Discount Type=P  AND  (< 0 OR > 100) | Invalid Discount Percentage! Please input value between 0 and 100. |
| Discount Amount | Summary Discount=TRUE  AND  Selected Discount Type=V  AND  < 0 | Discount Amount cannot be < 0! |
|  | Selected Discount Type=V  AND  > (Total Price – Total Discount) | Invalid Discount Amount! Discount Amount cannot be > Total Price after Total Discount |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_AP\_SAVE\_TRANS\_HD\_SUMARRY dengan parameter berikut, simpan hasil ke VAR\_RESULT:   + VAR\_COMPANY\_ID   + Property ID   + VAR\_USER\_ID   + VAR\_INVOICE\_REC\_ID   + Summary Discount checkbox value   + Selected Discount Type   + Input Discount Percentage   + Summary Discount   + Input Add On * IF Error   + Display error message * Set VAR\_SAVE\_MODE = VIEW * Jalankan REFRESH FORM PROCESS |
|  |

### CANCEL SAVE SUMMARY 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 |

### CALCULATE PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set Net Amount = Total Price – Total Discount – Summary Discount + Add On * Set Purchase Amount=Net Amount + Tax + Other Tax + Addition - Deduction |

## POPUP ADDITIONAL

### USER INTERFACE

#### INITIAL VERSION

A screenshot of a computer

Description automatically generated

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
|  |  |
|  |  |

### INPUT PARAMETER

|  |  |
| --- | --- |
| **Parameter Name** | **Description** |
| P\_ADDITIONAL\_TYPE | Additional Type |
|  |  |

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_SAVE\_MODE=VIEW * Set VAR\_INVOICE\_REC\_ID = Selected Invoice Record ID * Jalankan REFRESH FORM PROCESS |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property ID | CPROPERTY\_ID | Hidden |  |
| Property | CPROPERTY\_NAME | Textbox, disabled |  |
| Department | CDEPT\_CODE | Textbox, disabled |  |
|  | CDEPT\_NAME | Textbox, disabled |  |
| Supplier | CSUPPLIER\_ID | Textbox, disabled |  |
|  | CSUPPLIER\_NAME | Textbox, disabled |  |
|  | CSUPPLIER\_SEQ\_NO | Textbox, disabled |  |
| Ref. No. | CREF\_NO | Textbox, disabled |  |
| Ref. Date | CREF\_DATE | Textbox, disabled |  |
| Currency | CCURRENCY\_CODE | Textbox, disabled |  |
|  | CCURRENCY\_NAME | Textbox, disabled |  |
|  |  |  |  |
| Local Currency | NLBASE\_RATE | Textbox, disabled | Numeric with 0 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
|  | NLCURRENCY\_RATE | Textbox, disabled | Numeric with 6 decimal point |
|  | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
|  |  |  |  |
| Tax Rate | NTAX\_BASE\_RATE | Textbox, disabled | Numeric with 0 decimal point |
|  | CCURRENCY\_CODE | Textbox, disabled |  |
|  | NTAX\_CURRENCY\_RATE | Textbox, disabled | Numeric with 6 decimal point |
|  | VAR\_GSM\_COMPANY.CLOCAL\_CURRENCY\_CODE | Textbox, disabled |  |
| Addition / Deduction |  | Label | IF P\_ADDITIONAL\_TYPE=A THEN Addition ELSE Deduction |
|  |  |  |  |

#### ADDITIONAL GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Additional Record ID | CREC\_ID | Hidden |  |
| Transaction Type | CTRX\_TYPE | Hidden |  |
| Dept. Code | CADD\_DEPT\_CODE | Lookup | * IF (VAR\_SAVE\_MODE=NEW OR (VAR\_SAVE\_MODE=EDIT AND Transaction Type=M)) THEN Enabled ELSE Disabled * Mandatory * Lookup dengan program GSL00710 DEPARTMENT PROPERTY LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_USER\_ID * Hasil Lookup   + Set Dept. Code = CDEPT\_CODE   + Set Dept. Name = CDEPT\_NAME |
| Dept. Name | CADD\_DEPT\_NAME | Label |  |
| Charge ID | CCHARGES\_ID | Lookup | * IF (VAR\_SAVE\_MODE=NEW OR (VAR\_SAVE\_MODE=EDIT AND Transaction Type=M)) THEN Enabled ELSE Disabled * Mandatory * Lookup dengan program GSL01400 OTHER CHARGES LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + P\_ADDITIONAL\_TYPE * Hasil Lookup   + Set Charge ID = CCHARGES\_ID   + Set Charge Name = CCHARGES\_NAME   + Set Description = CCHARGES\_DESC |
| Charge Name | CCHARGES\_NAME | Label |  |
| Description | CCHARGES\_DESC | Textbox | * IF (VAR\_SAVE\_MODE=NEW OR (VAR\_SAVE\_MODE=EDIT AND Transaction Type=M)) THEN Enabled ELSE Disabled * Mandatory |
| Amount (Trx) | NADDITION\_AMOUNT | Textbox | * IF (VAR\_SAVE\_MODE=NEW OR (VAR\_SAVE\_MODE=EDIT AND Transaction Type=M)) THEN Enabled ELSE Disabled * Mandatory * Numeric with 2 decimal point |
| Amount (Local) | NLADDITION\_AMOUNT | Label | Numeric with 2 decimal point |
| Amount (Base) | NBADDITION\_AMOUNT | Label | Numeric with 2 decimal point |
|  |  |  |  |
| Updated By | CUPDATE\_BY | Label |  |
| Updated Date | DUPDATE\_DATE | Label |  |
| Created By | CCREATE\_BY | Label |  |
| Created Date | DCREATE\_DATE | Label |  |
|  |  |  |  |
| Grid Mode   * Enable Add * Enable Edit for Transaction Type=M * Enable Delete for Transaction Type=M | | | |
| Grid Process   * Add -> Jalankan ADD ADDITIONAL PROCESS * Edit -> Jalankan EDIT ADDITIONAL PROCESS * View -> Jalankan VIEW ADDITIONAL PROCESS * Save -> Jalankan SAVE ADDITIONAL PROCESS | | | |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

### OUTPUT

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

### ROLES

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

### ADD ADDITIONAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = NEW * Enable Edit Semua Editable field * Set focus ke Dept. Code |

### EDIT ADDITIONAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = EDIT * Enable Edit Semua Editable field * Set focus ke Dept. Code |

### DELETE ADDITIONAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * IF P\_ADDITIONAL\_TYPE=A   + Display Confirmation message ‘Are you sure want to delete this Addition?’[Yes/No] * ELSE   + Display Confirmation message ‘Are you sure want to delete this Deduction?’[Yes/No] * IF No THEN kembali ke form * Jalankan RSP\_AP\_DELETE\_TRANS\_ADD dengan parameter   + Selected Additional Record ID * IF Success   + IF P\_ADDITIONAL\_TYPE=A THEN     - Display message ‘Addition Deleted Successfully!’   + ELSE     - Display message ‘Deduction Deleted Successfully!’ * ELSE   + Display Error Message |

### SAVE ADDITIONAL PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Dept. Code | Empty | Please select Dept. Code! |
| Charge ID | Empty | Please select Charge ID! |
| Description | Empty | Description is required! |
| Amount (Trx) | <= 0 | Amount must be > 0! |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_AP\_SAVE\_TRANS\_ADD dengan parameter berikut, simpan hasil ke VAR\_RESULT:   + VAR\_COMPANY\_ID   + Property ID   + VAR\_USER\_ID   + VAR\_INVOICE\_REC\_ID   + VAR\_SAVE\_MODE   + IF VAR\_SAVE\_MODE=NEW THEN ‘’ ELSE Additional Record ID   + Ref. No   + Department Code   + VAR\_TRANS\_CODE   + M   + VAR\_ADDITION\_TYPE   + Selected Dept. Code   + Selected Charge ID   + Input Description   + NADDITION\_AMOUNT * IF Success   + Set VAR\_ADDITIONAL\_REC\_ID= VAR\_RESULT.CREC\_ID * IF Error   + Display error message * Set VAR\_SAVE\_MODE = VIEW * Jalankan REFRESH FORM PROCESS |

### VIEW ADDITONAL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh data dengan RSP\_AP\_GET\_TRANS\_ADD dengan parameter   + VAR\_ADDITIONAL\_REC\_ID   + VAR\_LANGUAGE\_ID |

### REFRESH FORM PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh form dengan RSP\_AP\_GET\_TRANS\_HD dengan parameter   + VAR\_COMPANY\_ID   + ‘’   + ‘’   + ‘’   + ‘’   + VAR\_INVOICE\_REC\_ID   + VAR\_LANGUAGE\_ID * Refresh Additional Grid dengan RSP\_AP\_GET\_TRANS\_ADD\_LIST dengan parameter:   + VAR\_INVOICE\_REC\_ID   + P\_ADDITIONAL\_TYPE   + VAR\_LANGUAGE\_ID * Set VAR\_ADDITIONAL\_REC\_ID=Selected Row Additional Record ID * Jalankan DISPLAY PROCESS |

### ON CLOSE FORM PROCESS

#### VALIDATION

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

#### ACTION

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| --- |
|  |
| * Jalankan RSP\_AP\_GET\_TRANS\_HD dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + ‘’   + ‘’   + ‘’   + ‘’   + VAR\_INVOICE\_REC\_ID   + VAR\_LANGUAGE\_ID * IF P\_ADDITIONAL\_TYPE=A   + Set field Addition (Purchase Invoice Summary form) = VAR\_RESULT.NADDITION * ELSE   + Set field Deduction (Purchase Invoice Summary form) = VAR\_RESULT.NDEDUCTION * Jalankan CALCULATE PROCESS (Purchase Invoice summary form) |

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| 00  26-Oct-2023 | * INITIAL VERSION |  |
| CR1  18-Jan-2024 | * Change NTRANS\_QTY, NAPP\_QTY to NBILL\_UNIT\_QTY * Update Popup Purchase Invoice Summary, remove button Edit and Cancel |  |
|  |  |  |
|  |  | </CR1> |
|  |  |  |

#### TEMPLATE

#### VALIDATION

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

#### ACTION

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| --- |
|  |
|  |