## PROGRAM DEFINITION

|  |
| --- |
|  |
| * Program untuk Generate Official Receipt |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * PMT\_AGREEMENT * PMT\_AGREEMENT\_CHARGE * PMT\_AGREEMENT\_UTILITY * PMT\_AGREEMENT\_UNIT * GSM\_PROPERTY * GSM\_PROPERTY\_BUILDING * GSM\_PROPERTY\_FLOOR * GSM\_PROPERTY\_UNIT * PMM\_TENANT * PMM\_UTILITY\_CHARGES * GSM\_DEPARTMENT * GSB\_CODE\_DT * PMT\_TRANS\_HD | * RW * RW * RW * RW * RW * R * R * R * R * R * R |

## ROLES

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

## INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_COMPANY\_ID = Login User’s Company ID * Set VAR\_USER\_ID = Login User ID * Set VAR\_LANGUAGE\_ID = Login User’s Language ID * Set VAR\_TODAY = Get Property Date dengan function dbo.RFN\_GET\_DB\_TODAY(VAR\_COMPANY\_ID) * Set VAR\_TRANS\_CODE = ‘940010’ * Jalankan RSP\_PM\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_PM\_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) * Setiap pindah tab mohon jalankan REFRESH PROCESS * Setiap period value changed Jalankan Refresh Process sesuai tab yang di select(CR02) * ~~Jalankan Public Function PM :~~   ~~Simpan VAR\_USER\_PARAM -> RSP\_PM\_GET\_USER\_PARAM\_DETAIL VAR\_COMPANY\_ID, VAR\_USER\_ID, ‘1’~~  ~~VALUE Checkbox Print One Time = VAR\_USER\_PARAM.CVALUE~~ |  |

## REFRESH PROCESS

### FILTER FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property | CPROPERTY\_ID | Combobox | Gunakan public function : EXEC RSP\_GS\_GET\_PROPERTY\_LIST 'Login Company Id', 'Login User Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID  Set TOP 1 VALUE |
| Department |  | 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 |
| Customer | CTENANT\_ID, CTENANT\_NAME | Lookup | * Lookup dengan program PML00600 TENANT LOOKUP * Lookup parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + ‘’   + VAR\_USER\_ID * Hasil Lookup   + Set Tenant ID = CTENANT\_ID   + Set Tenant Name = CTENANT\_NAME |
| All Customer |  | Checkbox | * IF Checked disable customer else enabled * Clear textbox customer * Default checked |
| Invoice Type | CINVOICE\_TYPE | Combobox | Gunakan public function : RSP\_GS\_GET\_GSB\_CODE\_LIST  Dimana Set:   * @CCLASS\_APPLICATION = ‘BIMASAKTI’ * @COMPANY\_ID = VAR\_COMPANY\_ID * @CCLASS\_ID = ‘\_BS\_INVOICE\_TYPE’ * @CLANG\_ID = VAR\_LANG\_ID * @CCLASS\_RECID = ’01,02,08,09’   Set Value : CDESCRIPTION  As Parameter: CCODE  Set TOP 1 VALUE |
| Period(Year) |  | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Maximum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default selected value = Current Year | Value changed jalankan REFRESH PROCESS  sesuai tab CR02 |
| Period(Month) |  | Combobox  Isi combo box value dengan  01 s/d 12  Set Default selected value = Current Month | Value changed jalankan REFRESH PROCESS  sesuai tab CR02 |
| All Period |  | Checkbox | * IF Checked disable period month and year else enabled * Clear period * Default unchecked * Value changed jalankan REFRESH PROCESS sesuai tab CR02 |
| Template File **CR04** |  | Combobox | * RUN RSP\_GET\_REPORT\_TEMPLATE\_LIST ‘Login Company Id’,’Selected Property Id’,’Login Program Id’ Tampung VAR\_TEMPLATE\_LIST termasuk detail datanya seperti Name,Position dan ODATA **CR05** * Value = CTEMPLATE\_ID, Display = CTEMPLATE\_NAME * Default Paling atas * Jika VAR\_TEMPLATE\_LIST.Count = 1, disabled else enabled |

### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Property | Empty | Please select Property ! |
| Department | Empty | Please choose Department ! |
| Customer | Unchecked All and empty | Please choose Customer ! |
| Invoice Type | Empty | Please choose Invoice Type |
| Period Year | Period Year=Empty or Period Month=Empty | Please select Period ! |
| Template File **CR04** | Empty | Please select Template File ! |

### ACTION

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| --- |
|  |
| * Refresh List dengan RSP\_PM\_GET\_INV\_RECEIPT\_LIST dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + Selected Property   + Selected Department   + Selected Customer   + Checkbox All Customer   + Selected Invoice Type   + Selected Period   + Jika Tab Invoice SET ‘’ ELSE VAR\_TRANS\_CODE   + VAR\_LANGUAGE\_ID * IF VAR\_RESULT empty   + Display message “No data found!” |
|  |

## TAB INVOICE LIST

### USER INTERFACE

#### INITIAL VERSION



CR02



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Refresh | Jalankan REFRESH PROCESS |
| Create | Jalankan CREATE PROCESS |
|  |  |
|  |  |

### REFRESH INVOICE LIST

#### GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Company | CCOMPANY\_ID | Hidden |  |
| Property | CPROPERTY\_ID | Hidden |  |
| Department | CDEPT\_CODE | Hidden |  |
| Trans Code | CTRANS\_CODE | Hidden |  |
| Tenant Id | CTENANT\_ID | Hidden |  |
|  |  |  |  |
| Transaction | CTRANSACTION\_NAME | Textbox |  |
| Invoice No | CREF\_NO | Textbox |  |
| Invoice Date | CREF\_DATE |  |  |
| Invoice Group | CINVGRP\_NAME | Textbox |  |
| Customer Id | CTENANT\_ID | Textbox |  |
| Customer Name | CTENANT\_NAME | Textbox |  |
| Description | CTRANS\_DESC | Textbox |  |
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## TAB RECEIPT LIST USER INTERFACE CR01

INITIAL VERSION CR02



CR04



### BUTTON DEFINITION

|  |  |  |
| --- | --- | --- |
| **Button Name** | **Action** | **Mode** |
| Print | Jalankan PRINT PROCESS | Enabled Jika ada data di grid |
| Distribute | Jalankan DISTRIBUTE PROCESS | Enabled Jika ada data di grid |
| Cancel | Jalankan CANCEL PROCESS | Enabled Jika ada data di grid |
|  |  |  |

### REFRESH RECEIPT LIST

#### GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Company | CCOMPANY\_ID | Hidden |  |
| Property | CPROPERTY\_ID | Hidden |  |
| Department | CDEPT\_CODE | Hidden |  |
| Trans Code | CTRANS\_CODE | Hidden |  |
| Tenant Id | CTENANT\_ID | Hidden |  |
|  |  |  |  |
| Print One Time |  | Checkbox | Always false |
| Receipt No. | CREF\_NO | Textbox |  |
| Receipt Date | CREF\_DATE | Textbox |  |
| Customer Id | CTENANT\_ID | Textbox |  |
| Customer Name | CTENANT\_NAME | Textbox |  |
|  |  |  |  |
| Print No. | IPRINT | Textbox |  |
| Distribute No. | IDISTRIBUTE | Textbox |  |

## CREATE PROCESS

### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Date | Empty | Please choose date ! |
| Record Selector | No List to be Processed/Selected | Please select at least 1(one)to Create Receipt ! |
|  |  |  |
|  |  |  |
|  |  |  |
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### ACTION

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| --- |
|  |
| * Set VAR\_DATA\_COUNT=10 * Set progress bar step = VAR\_DATA\_COUNT * Set VAR\_STEP = 0 * Set VAR\_ERROR\_COUNT = 0 * Set VAR\_KEY\_GUID = New GUID * Reset Progress Bar   CREATE TABLE #RECEIPT\_LIST (  [INO] INT NOT NULL,  [CCOMPANY\_ID] [varchar](8) NOT NULL,  [CPROPERTY\_ID] [varchar](20) NOT NULL,  [CDEPT\_CODE] [varchar](20) NOT NULL,  [CTRANS\_CODE] [varchar](10) NOT NULL,  [CREF\_NO] [varchar](30) NOT NULL,  )   * Masukkan Selected Invoice List ke dalam temp data * Jalankan RSP\_PM\_CREATE\_OFFICIAL\_RECEIPT dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + Input Receipt Date   + VAR\_KEY\_GUID * IF VAR\_ERROR\_COUNT > 0   + Get Error message dari library and display * Jalankan REFRESH PROCESS |
|  |

## CANCEL PROCESS

### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| ~~Date~~ | ~~Empty~~ | ~~Please choose date !CR01~~ |
| Record Selector | No List to be Processed/Selected | Please select at least 1(one)to Cancel Receipt ! |
|  |  |  |
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### ACTION

|  |
| --- |
|  |
| * Set VAR\_DATA\_COUNT=10 * Set progress bar step = VAR\_DATA\_COUNT * Set VAR\_STEP = 0 * Set VAR\_ERROR\_COUNT = 0 * Set VAR\_KEY\_GUID = New GUID * Reset Progress Bar   CREATE TABLE #CANCEL\_RECEIPT\_LIST (  [INO] INT NOT NULL,  [CCOMPANY\_ID] [varchar](8) NOT NULL,  [CPROPERTY\_ID] [varchar](20) NOT NULL,  [CDEPT\_CODE] [varchar](20) NOT NULL,  [CTRANS\_CODE] [varchar](10) NOT NULL,  [CREF\_NO] [varchar](30) NOT NULL,  )   * Masukkan Selected Receipt List ke dalam temp data * Jalankan RSP\_PM\_CANCEL\_OFFICIAL\_RECEIPT dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_KEY\_GUID * IF VAR\_ERROR\_COUNT > 0   + Get Error message dari library and display * Jalankan REFRESH PROCESS |
|  |

## PRINT PROCESS

### REPORT LAYOUT

PAPER SIZE: A4 PORTRAIT

  
CR05  


### REPORT DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Report** | **Name** | **Field** | **Validation** |
| **HEADER** | LOGO |  |  |
| REPORT TITLE | KWITANSI |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| **REPORT GROUP** | Reference No. | CREF\_NO |  |
|  |  |  |
|  |  |  |
|  |  |  |
| **GROUP HEADER REFERENCE NO** | No. | CREF\_NO |  |
| Sudah terima dari | CTENANT\_NAME |  |
| Terbilang | CNOMINAL |  |
| Unit | CUNIT\_DESCRIPTION |  |
| **DETAIL** | No. Invoice | CINVOICE\_NO | HIDE WHEN SUMMARY |
| Tanggal Invoice | CINVOICE\_DATE |
| Deskripsi | CTRANS\_DESC |
| Jumlah | NINV\_AMOUNT |
|  |  |
|  |  |
| **GROUP FOOTER** | Simbol Kurensi | CCURRENCY\_SYMBOL |  |
| Jumlah Total | NTRANS\_AMOUNT |  |
| Tempat & Tanggal | CCITY, CTODAY\_DATE |  |
| Person | CPERSON |  |
| Position | CPOSITION |  |
|  |  |  |
| **CR05** |  |  |
| Sign Image 01-06 | OSIGN01 – OSIGN06 | Hide Jika CSIGN\_ID01 – 06 empty |
| Sign Name 01-06 | CNAME01 – CNAME06 | Hide Jika CSIGN\_ID01 – 06 empty |
| Sign Position 01-06 | CPOSITION01 – CPOSITION06 | Hide Jika CSIGN\_ID01 – 06 empty |

### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Record Selector | No List to be Processed/Selected | Please select at least 1(one) Receipt to Print ! |
| Print One Time | If Checked dan ada selected trx yang punya IPRINT > 0 | You only can print once! Please select other receipt ! |
|  |  |  |
|  |  |  |
|  |  |  |

### ACTION

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| --- |
|  |
| * Set VAR\_REF\_NO = Gabung CREF\_NO yang diplih dengan separator koma Contoh : ‘REF001,REF002’ * Ambil Report di Report Server sesuai dengan selected Template.CFILE\_NAME CR04 * Jalankan RSP\_GET\_REPORT\_TEMPLATE\_LIST simpan dalam VAR\_REPORT\_TEMPLATE termasuk OSIGN01 – 06 pakai storageId, dengan parameter: **CR05**   + VAR\_COMPANY\_ID   + Selected Property   + VAR\_PROGRAM\_ID = ‘PMB04000’   + VAR\_TEMPLATE\_ID = Selected Template Id * Jalankan RSP\_PM\_PRINT\_RECEIPT dengan parameter untuk Main Report   + - VAR\_COMPANY\_ID     - Selected Property     - Selected Department     - VAR\_REF\_NO     - VAR\_USER\_ID     - VAR\_LANG\_ID     - VAR\_PRINT = 1 CR01 * For each data in VAR\_PRINT LIST, **CR05**   + Set CNAME01 – 06 = VAR\_REPORT\_TEMPLATE.CSIGN\_NAME01 – 06   + Set CPOSITION01 – 06 = VAR\_REPORT\_TEMPLATE.CSIGN\_POSITION01 - 06   + Set OSIGN01 – 06 = VAR\_REPORT\_TEMPLATE.OSIGN01 - 06 * Jika selesai, Jalankan REFRESH RECEIPT LIST PROCESS CR03 |

## DISTRIBUTE PROCESS CR01

### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Record Selector | No List to be Processed/Selected | Please select at least 1(one) Receipt to Distribute ! |
| Print One Time | If Checked dan ada selected trx yang punya IDISTRIBUTE > 0 | You only can distribute once! Please select other receipt ! |
|  |  |  |
|  |  |  |
|  |  |  |

### ACTION

|  |
| --- |
|  |
| * Set VAR\_REF\_NO = Gabung CREF\_NO yang dipilih dengan separator koma Contoh : ‘REF001,REF002’ * Ambil Report di Report Server sesuai dengan selected Template.CFILE\_NAME CR04 * Jalankan RSP\_PM\_SEND\_RECEIPT dengan parameter berikut simpan di VAR\_SEND\_LIST   + - VAR\_COMPANY\_ID     - Selected Property     - Selected Department     - VAR\_REF\_NO     - VAR\_USER\_ID     - VAR\_LANG\_ID     - VAR\_LDISTRIBUTE = 0 CR03 * Jalankan RSP\_PM\_PRINT\_RECEIPT dengan parameter untuk Main Report , simpan di VAR\_PRINT\_LIST   + - VAR\_COMPANY\_ID     - Selected Property     - Selected Department     - VAR\_REF\_NO     - VAR\_USER\_ID     - VAR\_LANG\_ID     - VAR\_PRINT = 0 * For each data in VAR\_PRINT LIST, Dalam satu transblock CR03   **CR05/**   * + Set CNAME01 – 06 = VAR\_REPORT\_TEMPLATE.CSIGN\_NAME01 – 06   + Set CPOSITION01 – 06 = VAR\_REPORT\_TEMPLATE.CSIGN\_POSITION01 - 06   + Set OSIGN01 – 06 = VAR\_REPORT\_TEMPLATE.OSIGN01 - 06   /**CR05**   * + Cari Data Email yang sesuai dalam VAR\_SEND\_LIST where VAR\_SEND\_LIST.CREF\_NO = VAR\_PRINT\_LIST.CREF\_NO   + Cari nama file report di server sesuai dengan VAR\_PRINT\_LIST.CFILE\_NAME   + Generate Report menjadi PDF , convert ke byte dan simpan ODATA untuk di attach saat kirim email   + Cek VAR\_SEND\_LIST.CSTORAGE\_ID : CR04     - Jika VAR\_SEND\_LIST.CSTORAGE\_ID = ‘’ add storage, tampung return VAR\_STORAGE\_ID = Return CSTORAGE\_ID     - Jika VAR\_SEND\_LIST.CSTORAGE\_ID <> ‘’ update ODATA dengan CSTORAGE\_ID   + Masukkan ODATA dan single VAR\_SEND\_LIST termasuk CFILE\_ID, CFILE\_NAME ke dalam framework untuk kirim email   + Jalankan RSP\_PM\_SEND\_RECEIPT untuk update distribute count dengan param     - VAR\_COMPANY\_ID     - Selected Property     - Selected Department     - Selected Ref No     - VAR\_USER\_ID     - VAR\_LANG\_ID     - VAR\_LDISTRIBUTE = 1 CR03     - VAR\_SEND\_LIST.CSTORAGE\_ID CR04 * Jika selesai, Jalankan REFRESH RECEIPT LIST PROCESS CR03 |
|  |

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| CR01 | * Tambah param LPRINT saat print * Tambah distribute process |  |
| CR02 | * Ubah UX Period per tab * Tiap value changed period akan refresh list |  |
| CR03, CH  14 Aug 2024 | * Tambah Input RSP\_PM\_SEND\_RECEIPT : LDISTRIBUTE * Tambah Output RSP\_PM\_SEND\_RECEIPT CFILE\_ID CFILE\_NAME * Tambah Filter Radio Button di Tab Reminder List |  |
| CR04, CH  23 Aug 2024 | * Tambah param RSP\_PM\_SEND\_RECEIPT : CSTORAGE\_ID * Tambah Output RSP\_PM\_SEND\_RECEIPT : CSTORAGE\_ID * Tambah proses simpan PDF ke dalam storage |  |
| CR05, CH  24 Feb 2025 | * Tambah footer |  |
|  |  |  |

#### TEMPLATE

#### VALIDATION

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

#### ACTION

|  |
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|  |
|  |