## PROGRAM DEFINITION

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|  |
| * Program untuk cetak laporan deposit |

## RELATED TABLES

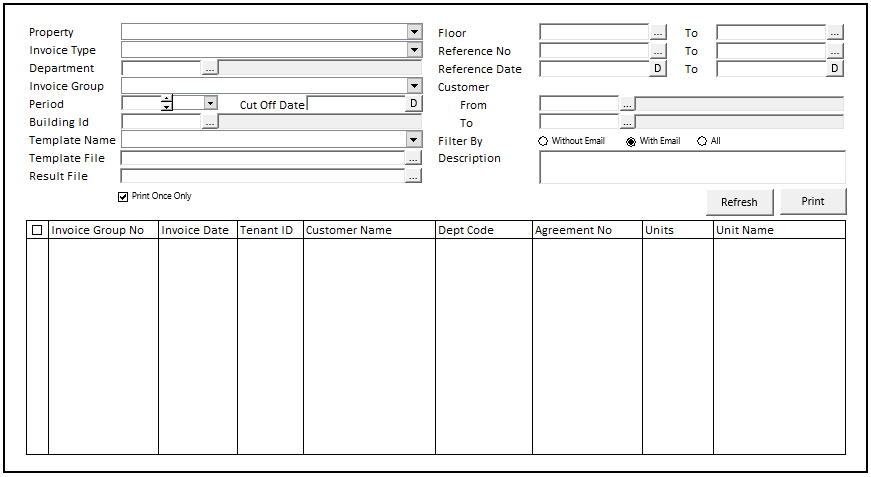
|  |  |
| --- | --- |
|  | **Access** |
| * PMT\_AGREEMENT\_DEPOSIT | * RW |

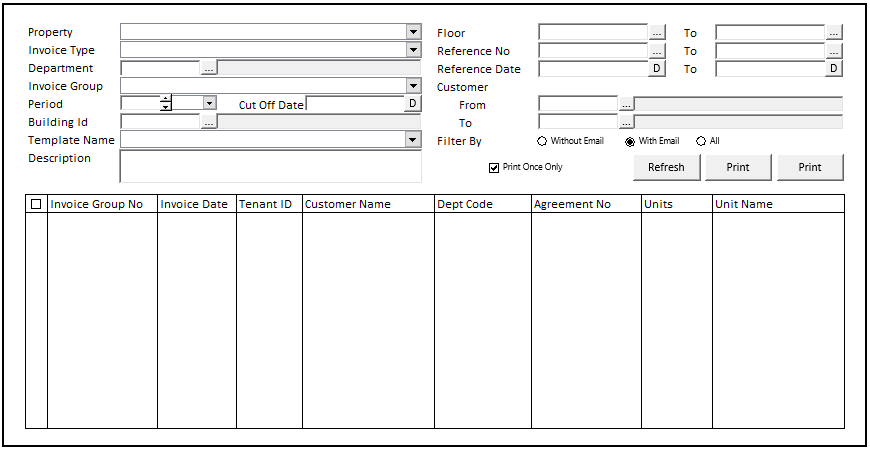
## ROLES

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

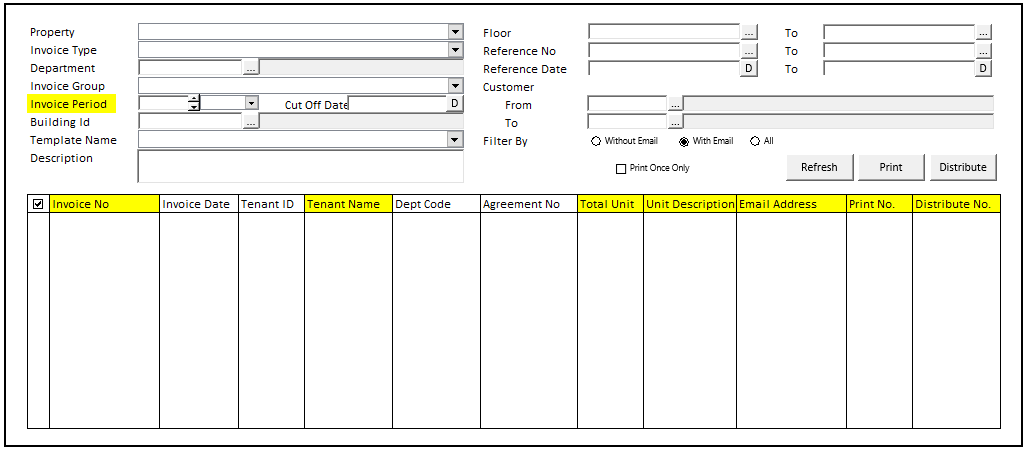
## MAIN FORM

### USER INTERFACE





**-CR1**



#### INITIAL VERSION

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|  | **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 * Get Property List to Combobox Property [PROPERTY\_LIST]:   EXEC RSP\_GS\_GET\_PROPERTY\_LIST ‘VAR\_CCOMPANY\_ID’, ‘VAR\_LANGUAGE\_ID’  Set Value : CPROPERTY\_ID Set Display : CPROPERTY\_NAME  As Parameter: CPROPERTY\_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\_CB\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_CB\_SYSTEM\_PARAM   + VAR\_COMPANY\_ID   + VAR\_LANGUAGE\_ID |  |

### BUTTON DEFINITION -CR1

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| **Button Name** | **Action** | **Validation** |
| Refresh | Jalankan ACTION REFRESH |  |
| Print | Jalankan PRINT PROCESS | Enabled hanya jika ada data pada grid |
| Distribute | Jalankan DISTRIBUTE PROCESS | Enabled hanya jika ada data pada grid |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property | Set Value : CPROPERTY\_ID  Set Display : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID | Combobox | * Mandatory * Get DataSource from [PROPERTY\_LIST] * IF Combobox Empty   + Display message “Please select property !” |
| Invoice Type | Set Value : CINVOICE\_TYPE  Set Display : CINVOICE\_TYPE\_NAME  As Parameter: CINVOICE\_TYPE | Combobox | * Mandatory * Get Datasource From:   ~~select CCODE, CDESCRIPTION from RFT\_GET\_GSB\_CODE\_INFO ('BIMASAKTI', VAR\_COMPANY\_ID, '\_BS\_INVOICE\_TYPE','', VAR\_LANG\_ID)~~ CR1  select CCODE, CDESCRIPTION from RFT\_GET\_GSB\_CODE\_INFO  ('BIMASAKTI', 'RCD',  '\_BS\_INVOICE\_TYPE','', 'ASHMD') where CCODE <= '20'   * Set CINVOICE\_TYPE = CCODE * Set CINVOICE\_NAME = CDESCRIPTION |
| Department | * CDEPT\_CODE * CDEPT\_NAME * Value : CDEPT\_CODE | Textbox & Button Lookup | * Department Name always disabled * Dept Code & button lookup always enabled * Do Lookup GSL00710 DEPARTMENT PROPERTY LOOKUP, Parameter:   + VAR\_COMPANY\_ID   + Selected Property ID (CPROPERTY\_ID)   + VAR\_USER\_ID * Set CDEPT\_CODE = lookup.CDEPT\_CODE * Set CDEPT\_NAME = lookup.CDEPT\_NAME |
| Invoice Group | Set Value : CINVOICE\_GROUP\_CODE  Set Display : CINVOICE\_GROUP\_NAME  As Parameter: CINVOICE\_GROUP\_CODE | Combobox | * Get Datasource From:   ~~exec RSP\_PM\_GET\_INVOICE\_GROUP\_LIST VAR\_COMPANY\_ID,Selected Property Id, VAR\_USER\_ID~~ CR1  exec RSP\_PM\_GET\_INVOICE\_GROUP\_REPORT\_LIST VAR\_COMPANY\_ID,Selected Property Id, VAR\_USER\_ID   * Set CINVOICE\_GROUP\_CODE = CINVGRP\_CODE * Set CINVOICE\_GROUP\_NAME = CINVGRP\_NAME * Set Template Name.CTEMPLATE\_ID = CTEMPLATE\_ID * CR4   Jika CTEMPLATE\_ID kosong, disable button print dan distribute |
| Period Year | As Parameter: CYEAR | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Minimum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default selected value = VAR\_CB\_SYSTEM\_PARAM.CSOFT\_PERIOD\_YY | * Default Value = Year.Today |
| Period Month | As Parameter: CMONTH | Combobox  Isi combobox dengan RSP\_GS\_GET\_PERIOD\_DT\_LIST dengan parameter:   * VAR\_COMPANY\_ID * Year.Today   Set Item Code=CPERIOD\_NO  Set Item Name=CPERIOD\_NO | * Default Value = Month.Today |
| Cut Off Date | CCUT\_OFF\_DATE | Datetime picker | * Default Value Today Date * Set CCUT\_OFF\_DATE = DATE FORMAT CHAR(8) |
| Building Id | * CBUILDING\_ID * CBUILDING\_NAME * Value : CBUILDING\_ID | Textbox & Button Lookup | * Buulding Name always disabled * Building Code & button lookup always enabled * Do Lookup GSL02200 BUILDING LOOKUP, Parameter:   + VAR\_COMPANY\_ID   + Selected Property ID (CPROPERTY\_ID)   + 1   + VAR\_USER\_ID * Set CDEPT\_CODE = lookup.CDEPT\_CODE * Set CDEPT\_NAME = lookup.CDEPT\_NAME |
| Print Once Only | LPRINT\_ONCE\_ONLY | Checkbox | * Always Disable * Value based on User |
| Template Name | Set Value : CTEMPLATE\_ID  Set Display : CTEMPLATE\_NAME  As Parameter: CTEMPLATE\_ID | Combobox | * Mandatory CR1 * Default Value Set up by Choosing Invoice Group   CR4   * ~~Untuk sementara buat Binding Source denga isi data Hardcode: Standard 1 dan Standard 2~~ * EXEC RSP\_PMR01600\_GET\_TEMPLATE, dengan parameter:   o VAR\_COMPANY\_ID  o Selected PROPERTY\_ID  o VAR\_LANG\_ID  Jika hasil SP kosong, disable button print dan distribute |
| Description | Set Value :  P\_DESCRIPTION | Textbox | * Untuk parameter report di footer |
| ~~Template File~~ | * ~~CTEMPLATE\_FILE~~   ~~Value : CTEMPLATE\_FILE~~ | ~~Textbox & Button Lookup~~ | ~~Lookup nyusul~~ |
| ~~Result File~~ | * ~~CRESULT\_FILE~~   ~~Value : CRESULT\_FILE~~ | ~~Textbox & Button Lookup~~ | * ~~Lookup nyusul~~ |
| From Floor | * CFLOOR\_ID * Value : CFLOOR\_ID | Textbox & Button Lookup | * Lookup dengan program GML02400 FLOOR LOOKUP, dgn parameter:   o VAR\_COMPANY\_ID  o Selected PROPERTY\_ID  o Selected Building ID  o 1  o VAR\_LANG\_ID   * SET CFLOOR\_ID = lookup.CFLOOR\_ID |
| To Floor | * CFLOOR\_ID * Value : CFLOOR\_ID | Textbox & Button Lookup | * Lookup dengan program GML02400 FLOOR LOOKUP, dgn parameter:   o VAR\_COMPANY\_ID  o Selected PROPERTY\_ID  o Selected Building ID  o 1  o VAR\_LANG\_ID   * SET CFLOOR\_ID = lookup.CFLOOR\_ID |
| From Reference No | CFROM\_REFERENCE\_NO | Textbox & Button Lookup | * Lookup dengan program PML00900 PM TRANSACTION LOOKUP, dgn parameter:   o VAR\_COMPANY\_ID  o Selected PROPERTY\_ID  o Selected DEPT\_CODE  o Selected Tenant ID  o VAR\_USER\_ID  o ‘910020’  o VAR\_CTRANSACTION\_NAME  o 1  o 0  o VAR\_LANG\_ID   * SET CREFERENCE\_NO = lookup.CREF\_NO |
| To Reference No | CTO\_REFERENCE\_NO | Textbox & Button Lookup | * Lookup dengan program PML00900 PM TRANSACTION LOOKUP, dgn parameter:   o VAR\_COMPANY\_ID  o Selected PROPERTY\_ID  o Selected DEPT\_CODE  o Selected Tenant ID  o VAR\_USER\_ID  o ‘910020’  o VAR\_CTRANSACTION\_NAME  o 1  o 0  o VAR\_LANG\_ID   * SET CREFERENCE\_NO = lookup.CREF\_NO |
| From Reference Date | CFROM\_REFERENCE\_DATE | Datetime picker | * Default Value Today Date * To Reference Date cannot be early than From Reference Date * Set CFROM\_REFERENCE\_DATE = DATE FORMAT CHAR(8) |
| To Reference Date | CTO\_REFERENCE\_DATE | Datetime picker | * Default Value Today Date * To Reference Date cannot be early than From Reference Date   Set CFROM\_REFERENCE\_DATE = DATE FORMAT CHAR(8) |
| From Customer | CFROM\_CUSTOMER\_ID CFROM\_CUSTOMER\_NAME  Value: CFROM\_CUSTOMER\_ID | Textbox & Button Lookup | * Customer Name always disabled * Customer Id & button lookup always enabled * Do Lookup PML00600 TENANT LOOKUP, Parameter:   + VAR\_COMPANY\_ID   + Selected Property ID (CPROPERTY\_ID)   + ‘’   + VAR\_USER\_ID * Set CFROM\_CUSTOMER\_ID = lookup.CTENANT\_ID   Set CFROM\_CUSTOMER\_NAME = lookup.CTENANT\_NAME |
| To Customer | CTO\_CUSTOMER\_ID CTO\_CUSTOMER\_NAME  Value: CTO\_CUSTOMER\_ID | Textbox & Button Lookup | * Customer Name always disabled * Customer Id & button lookup always enabled * Do Lookup PML00600 TENANT LOOKUP, Parameter:   + VAR\_COMPANY\_ID   + Selected Property ID (CPROPERTY\_ID)   + ‘’   + VAR\_USER\_ID * Set CTO\_CUSTOMER\_ID = lookup.CTENANT\_ID   Set CTO\_CUSTOMER\_NAME = lookup.CTENANT\_NAME |
| Filter By | CFILTER\_BY | Radiobutton | * If radio.WithoutEmail.ischecked   CFILTER\_BY = ‘01’   * Else If radio.WithEmail.ischecked   CFILTER\_BY = ‘02’   * Else   CFILTER\_BY = ‘03’ |
| ~~Invoice Message~~ | ~~CINVOICE\_MESSAGE~~ | ~~Textbox & Button Lookup~~ | * ~~Nyusul~~ |

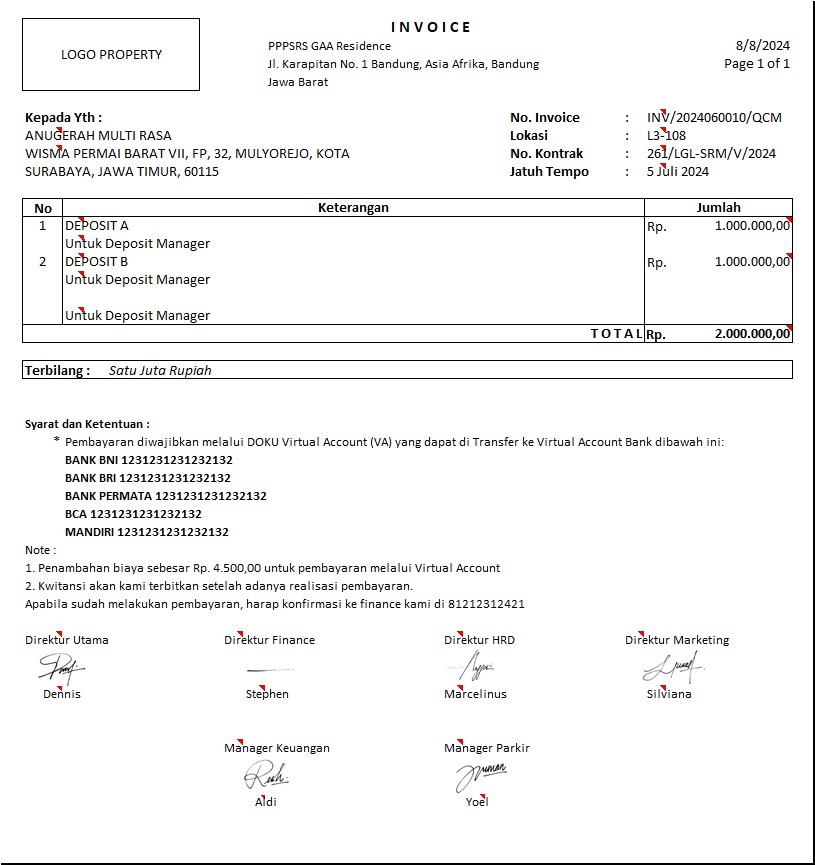
#### FIELD DEFINITION GRID -CR1 -CR2

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| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Invoice No | ~~CINVOICE\_ID~~  CINVOICE\_CODE | Textbox |  |
| Invoice Date | CINVOICE\_DATE | Datetime | Convert String Char8 to Date type |
| Tenant ID | CTENANT\_ID | Textbox |  |
| Tenant Name | CTENANT\_NAME | Textbox |  |
| ~~Customer Name~~ | ~~CCUSTOMER\_NAME~~ | ~~Textbox~~ |  |
| Dept Code | CDEPT\_CODE | Textbox |  |
| Agreement No | CAGREEMENT\_NO | Textbox |  |
| Total Unit | IUNIT\_AMT | Spinner | Decimal places 0 |
| Unit Description | CUNIT\_DESC | Textbox |  |
| Email Address | CEMAIL | Textbox |  |
| Print No. | IPRINT | Spinner | Decimal places 0 |
| Distribute No. | IDISTRIBUTE | Spinner | Decimal places 0 |
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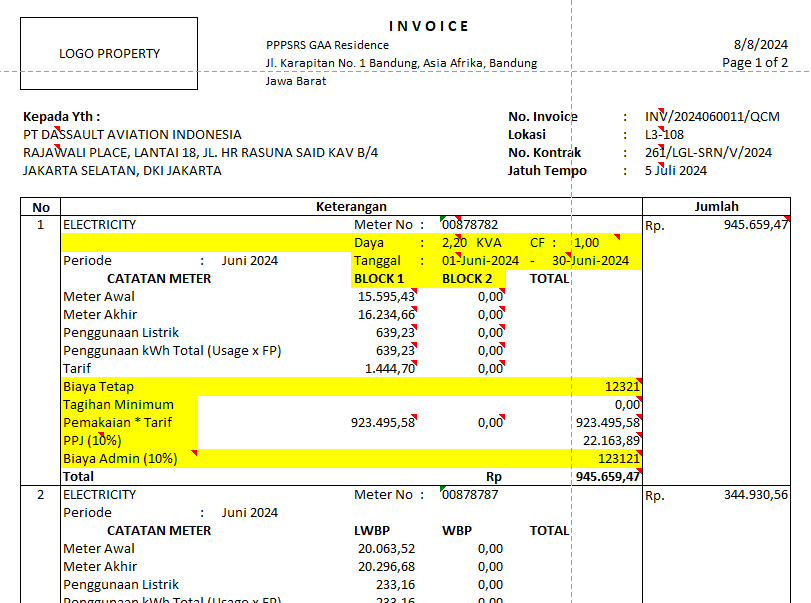
### PRINT REPORT PROCESS

#### REPORT LAYOUT

CR5



PAPER SIZE: A4 PORTRAIT (SEE UI EXCEL)



###### REPORT DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Report** | **Name** | **Field** | **Validation** |
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###### VALIDATION

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| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Property | Empty | Please select Property! |
| Cut Off Date | Empty | Please select Period Cut Off Date ! |
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#### ACTION REFRESH -CR1

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| * Jalankan exec RSP\_PM\_GET\_PROPERTY\_DETAIL\_INFO dengan parameter :   + - VAR\_COMPANY\_ID     - Selected Property Id     - VAR\_USER\_ID * Set Return into Parameter Report P\_PROPERTY\_NAME = CPOPERTY\_ID + ‘ – ‘ + CPROPERTY\_NAME * Set Return into Parameter Report P\_PROPERTY\_ADDRESS = CADDRESS + ‘ ‘ + CPROVINCE + ‘ ‘ + CCITY + ‘ ‘ + CDISTRICT + ‘ ‘ + CSUBDISTRICT * Set Return into Parameter Report P\_PROPERTY\_LOGO = OLOGO * Jalankan RSP\_PM\_GET\_REPORT\_INVOICE\_LIST dengan parameter untuk Main Report   + - VAR\_COMPANY\_ID     - Selected CPROPERTY\_ID     - Selected CINVOICE\_TYPE     - Selected CDEPT\_CODE     - Selected CINVOICE\_GROUP     - Selected CYEAR + Selected CMONTH (yyyymm)     - Selected CCUT\_OFF\_DATE     - Selected CBUILDING\_ID     - Selected CTEMPLATE\_NAME     - ~~Selected CTEMPLATE\_FILE~~     - ~~Selected CRESULT\_FILE~~     - Selected CFROM\_FLOOR     - Selected CTO\_FLOOR     - Selected CFROM\_REFERENCE\_NO     - Selected CTO\_REFERENCE\_NO     - Selected CFROM\_REFERENCE\_DATE     - Selected CTO\_REFERENCE\_DATE     - Selected CFROM\_CUSTOMER\_ID     - Selected CTO\_CUSTOMER\_ID     - Selected CFILTER\_BY     - ~~Selected CINVOICE\_MESSAGE~~     - VAR\_LANG\_ID   Set Return into Grid |
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#### PRINT PROCESS -CR1

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| * Copy selected record of Grid to SQL Temporary table. This table will be used in SP RSP\_PMR01600\_GET\_REPORT  INSERT INTO #TEMP\_INVOICE  SELECT CINVOICE\_CODE FROM Grid  WHERE LSELECT=1 * Run SP RSP\_PMR01600\_GET\_REPORT with parameter :   + VAR\_COMPANY\_ID   + Selected Property Id   + Selected CINVOICE\_TYPE,   + Selected CDEPT\_CODE,   + Selected CINVOICE\_GROUP\_CODE, RSP\_GS\_GET\_DIGITAL\_SIGN\_REPORT   + Selected PERIOD (CYEAR + CMONTH),   + Selected CCUT\_OFF\_DATE,   + VAR\_USER\_ID |
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#### DISTRIBUTE PROCESS - CR3

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|  |
| * Copy result report (need tenant id)   Check and drop if temp table exist  IF OBJECT\_ID('tempdb..#TEMP\_INVOICE\_LOGIN') IS NOT NULL  DROP TABLE #TEMP\_INVOICE\_LOGIN   * Create Temp table #TEMP\_INVOICE\_LOGIN   CREATE TABLE #TEMP\_INVOICE\_LOGIN(  CCOMPANY\_ID VARCHAR(20)  ,CPROPERTY\_ID VARCHAR(20)  ,CTENANT\_ID VARCHAR(20)  )  INSERT INTO #TEMP\_INVOICE\_LOGIN(CCOMPANY\_ID, CPROPERTY\_ID, CTENANT\_ID) VALUES  (var\_company\_id, var\_property\_id, tenant\_id from report),  (var\_company\_id, var\_property\_id, tenant\_id 2 from report),  (var\_company\_id, var\_property\_id, tenant\_id 3 from report),  … etc   * Run SP RSP\_PM\_GET\_BODY\_EMAIL\_INVOICE with parameter :   + VAR\_COMPANY\_ID   + Selected Property Id   + VAR\_USER\_ID   Send Result with send mail framework |
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#### DIGITAL SIGNATURE (PUT ON REPORT FOOTER AS SUB REPORT) – CR5

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|  | |
| * Run SP RSP\_GS\_GET\_DIGITAL\_SIGN\_REPORT with parameter :   + VAR\_COMPANY\_ID   + Selected Property Id   + ‘PMM01500’   + Selected TEMPLATE ID   Put Result in Sub Report (Get Pictere with framework Storage, from field CSTORAGE\_ID01, CSTORAGE\_ID02, CSTORAGE\_ID03, CSTORAGE\_ID04, CSTORAGE\_ID05, CSTORAGE\_ID06. | |
|  | |
| **Field** | **Validation** |
| CSIGN\_POSITION01 |  |
| Picture 01 from CSTORAGE\_ID01 | Use Get Storage Framework |
| CSIGN\_NAME01 |  |
| CSIGN\_POSITION02 |  |
| Picture 02 from CSTORAGE\_ID02 | Use Get Storage Framework |
| CSIGN\_NAME02 |  |
| CSIGN\_POSITION03 |  |
| Picture 03 from CSTORAGE\_ID03 | Use Get Storage Framework |
| CSIGN\_NAME03 |  |
| CSIGN\_POSITION04 |  |
| Picture 04 from CSTORAGE\_ID04 | Use Get Storage Fraamework |
| CSIGN\_NAME04 |  |
| CSIGN\_POSITION05 |  |
| Picture 05 from CSTORAGE\_ID05 | Use Get Storage Framework |
| CSIGN\_NAME05 |  |
| CSIGN\_POSITION06 |  |
| Picture 06 from CSTORAGE\_ID06 | Use Get Storage Framework |
| CSIGN\_NAME06 |  |

### CR

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| CR | Description | Notes |
| CR1 | * Perubahan UX, Display, Report, Penambahan Button, & Proses | 20240809 |
| CR2 | * Perubahan Data Display |  |
| CR3 | * Penambahan temp table saat distribute + concat body email dgn info login | 20241212 |
| CR4 | * Perubahan Combobox Template Name | 20250130 |
| CR5 | * Tambahkan Digital Signature | 20250220 |

VALIDATION

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

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