## PROGRAM DEFINITION

|  |
| --- |
|  |
| * A program to generate a report for a list of outstanding penalty amounts per-agreement |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * - | * - |

## ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * User that has access to program |  |

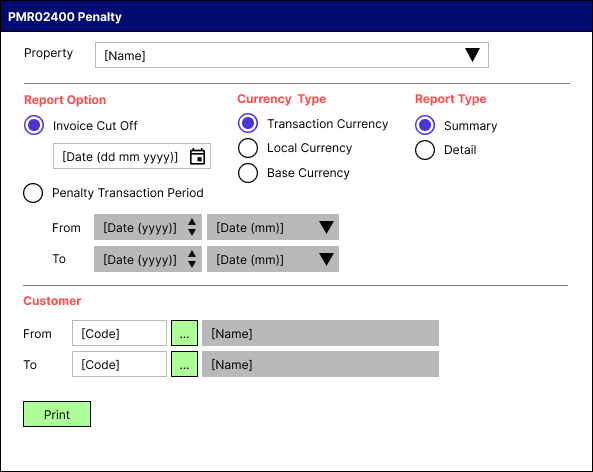
## INITIAL PROCESS

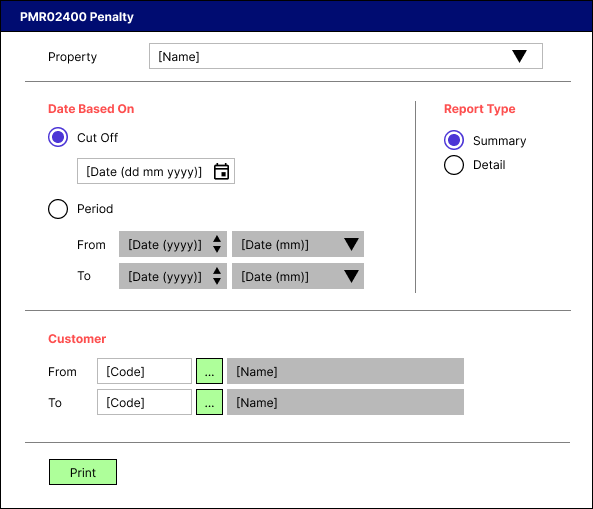
|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_COMPANY\_ID = Login User’s Company ID * Set VAR\_USER\_ID = Login User’s ID * Set VAR\_LANGUAGE\_ID = Login User’s Language ID * Execute this stored procedure, save the results to VAR\_YEAR\_RANGE   EXEC RSP\_GS\_GET\_PERIOD\_YEAR\_RANGE  VAR\_COMPANY\_ID  , ''  , ''   * Set VAR\_LOOKUP\_CUSTOMER\_LIST\_GET\_RECORD = Value from lookup PML00600 with the following parameters: * VAR\_COMPANY\_ID * selected Property ID * “01” * VAR\_USER\_ID * - |  |

## MAIN FORM

### USER INTERFACE

#### INITIAL VERSION





### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Print | Run PRINT REPORT PROCESS |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property |  | Combo box  Set VAR\_PROPERTY\_LIST with  EXEC RSP\_GS\_GET\_PROPERTY\_LIST  VAR\_COMPANY\_ID  , VAR\_USER\_ID  Set property id = CPROPERTY\_ID  Set property name = CPROPERTY\_NAME  Set default selected property id = top 1 property id from VAR\_PROPERTY\_LIST.  Show name from the specific property id | * Mandatory * - |
| Date Based On [Cut Off] |  | Date picker  Set default value:  SELECT dbo.RFN\_GET\_DB\_TODAY (VAR\_COMPANY\_ID) | * Mandatory, if Date Based On = ‘1’ * - |
| Report Option |  | Radio button  Radio Value   * ‘I’ = Invoice Cut Off * ‘P’ = Penalty Transaction Period   Set default value to Cut Off | * Mandatory * If selected value = Invoice Cut Off, then: * Enable Report Option [Cut Off] * Disable Report Option [Period [From [Year]]] * Disable Report Option [Period [From [Month]]] * Disable Report Option [Period [To [Year]]] * Disable Report Option [Period [To [Month]]] * Else: * Disable Report Option [Cut Off] * Enable Report Option [Period [From [Year]]] * Enable Report Option [Period [From [Month]]] * Enable Report Option [Period [To [Year]]] * Enable Report Option [Period [To [Month]]] * - |
| Invoice Cut Off |  | Datepicket  Set default to today | * Mandatory, if Report Option = ‘I’ |
| [Period [From [Year]]] |  | Spinner  Spinner value:   * Minimum = VAR\_YEAR\_RANGE.IMIN\_YEAR * Maximum = VAR\_YEAR\_RANGE.IMAX\_YEAR   Set default spinner value:  SELECT YEAR(dbo.RFN\_GET\_DB\_TODAY (VAR\_COMPANY\_ID)) | * Mandatory, if Report Option = ‘P’ * - |
| [Period [From [Month]]] |  | Combo box  Set VAR\_PERIOD\_MONTH\_LIST (as array of object) with VAR\_MONTH\_NUMBER and VAR\_MONTH\_NAME.  Set VAR\_MONTH\_NUMBER = 01, 02, … , 12  Set VAR\_MONTH\_NAME = January, February, … , December  Set default combo box value month name based on  SELECT MONTH(dbo.RFN\_GET\_DB\_TODAY (VAR\_COMPANY\_ID)) | * Mandatory, if Report Option = ‘P’ * - |
| [Period [To [Year]]] |  | Spinner  Spinner value:   * Minimum = VAR\_YEAR\_RANGE.IMIN\_YEAR * Maximum = VAR\_YEAR\_RANGE.IMAX\_YEAR   Set default spinner value:  SELECT YEAR(dbo.RFN\_GET\_DB\_TODAY (VAR\_COMPANY\_ID)) | * Mandatory, if Report Option = ‘P’ * - |
| [Period [To [Month]]] |  | Combo box  Set VAR\_PERIOD\_MONTH\_LIST (as array of object) with VAR\_MONTH\_NUMBER and VAR\_MONTH\_NAME.  Set VAR\_MONTH\_NUMBER = 01, 02, … , 12  Set VAR\_MONTH\_NAME = January, February, … , December  Set default combo box value month name based on  SELECT MONTH(dbo.RFN\_GET\_DB\_TODAY (VAR\_COMPANY\_ID)) | * Mandatory, if Report Option = ‘P’ * - |
| Currency Type |  | Radio button  Radio Value   * ‘T’ = Transaction Currency * ‘L’ = Local Currency * ‘B = Base Currency   Set default value to Transaction currency | * Mandatory |
|  |  |  |  |
| Report Type |  | Radio button  Radio Value   * ‘S’ = Summary * ‘D’ = Detail   Set default value to Summary | * Mandatory * - |
| Customer [From [Code]] |  | Text box | * Mandatory * After being changed, then check its name based on VAR\_LOOKUP\_CUSTOMER\_LIST\_GET\_RECORD and save it to VAR\_CUSTOMER\_NAME. Finally: * If VAR\_CUSTOMER\_NAME is empty, then: * Display message “Customer [INPUT Customer Code] not found!”, [OK] * Set focus to Customer [From [Code]] field * Else, set Customer [From [Name]]’s value = VAR\_CUSTOMER\_NAME * - |
| Customer [From [Lookup]] |  | Lookup | * Enter lookup program PML00600 with parameters: * VAR\_COMPANY\_ID * selected Property ID * “01” * VAR\_USER\_ID   Then save the result to VAR\_CUSTOMER\_RESULT   * If VAR\_CUSTOMER\_RESULT is empty, then: * Display message “Customer [INPUT Customer Code] not found!”, [OK] * Set focus to Customer [From [Code]] field * Else if VAR\_CUSTOMER\_RESULT exists, then: * Set Customer [From [Code]] = CTENANT\_ID * Set Customer [From [Name]] = CTENANT\_NAME * - |
| Customer [From [Name]] |  | Text box | * Disabled * - |
| Customer [To [Code]] |  | Text box | * Mandatory * After being changed, then check its name based on VAR\_LOOKUP\_CUSTOMER\_LIST\_GET\_RECORD and save it to VAR\_CUSTOMER\_NAME. Finally: * If VAR\_CUSTOMER\_NAME is empty, then: * Display message “Customer [INPUT Customer Code] not found!”, [OK] * Set focus to Customer [To [Code]] field * Else, set Customer [To [Name]]’s value = VAR\_CUSTOMER\_NAME * - |
| Customer [To [Lookup]] |  | Lookup | * Enter lookup program PML00600 with parameters: * VAR\_COMPANY\_ID * selected Property ID * “01” * VAR\_USER\_ID   Then save the result to VAR\_CUSTOMER\_RESULT   * If VAR\_CUSTOMER\_RESULT is empty, then: * Display message “Customer [INPUT Customer Code] not found!”, [OK] * Set focus to Customer [To [Code]] field * Else if VAR\_CUSTOMER\_RESULT exists, then: * Set Customer [To [Code]] = CTENANT\_ID * Set Customer [To [Name]] = CTENANT\_NAME * - |
| Customer [To [Name]] |  | Text box | * Disabled * - |

### PRINT REPORT PROCESS

#### REPORT LAYOUT

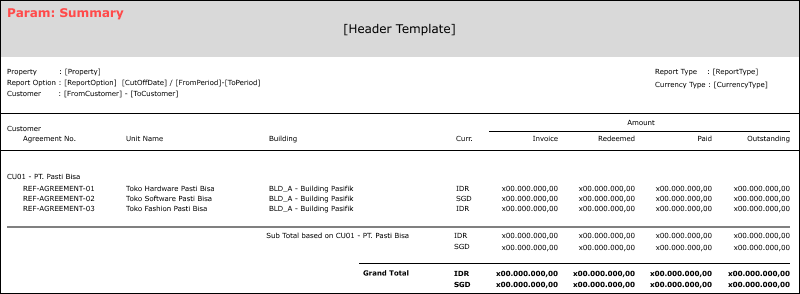
##### SUMMARY

PAPER SIZE: A4 PORTRAIT

FONT SIZE: 7

REPORT TYPE: SUMMARY

###### INITIAL VERSION



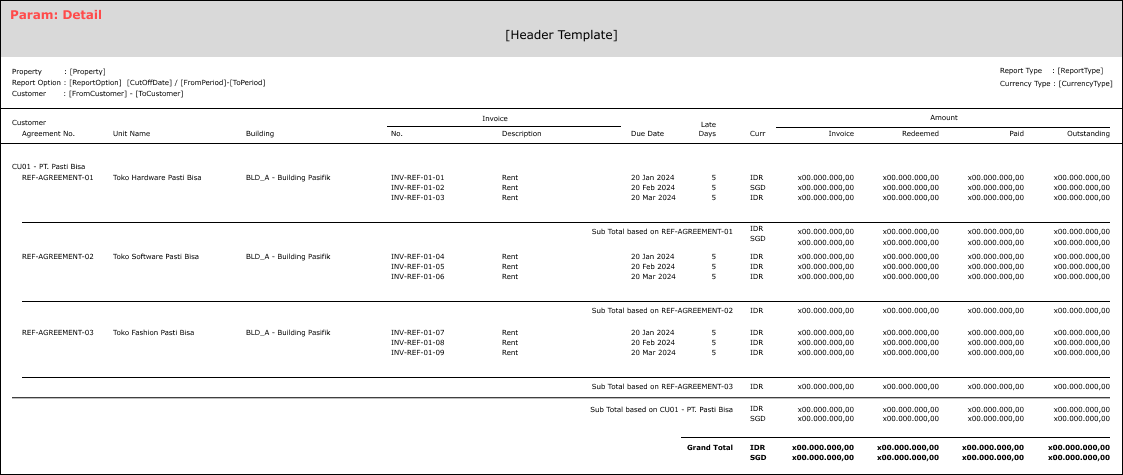
##### DETAIL

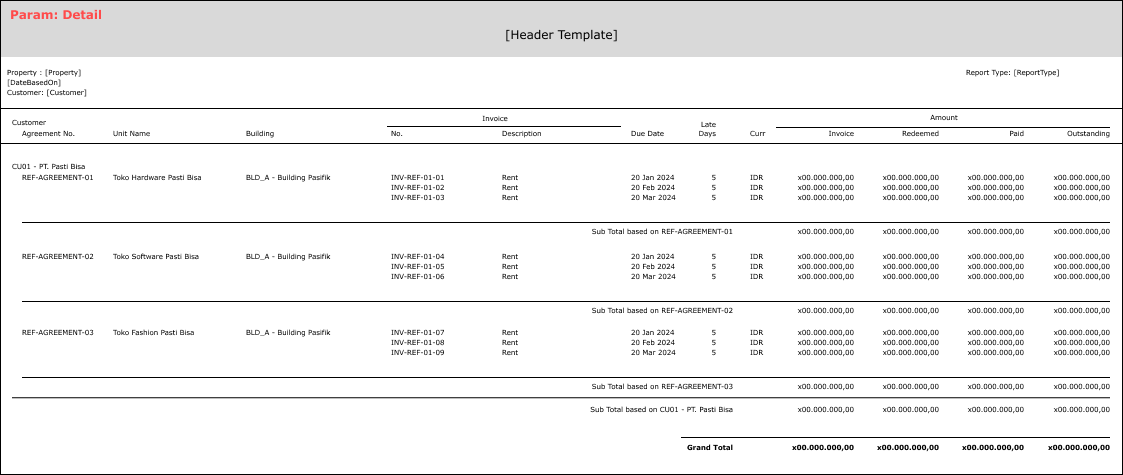
PAPER SIZE: A4 LANDSCAPE

FONT SIZE: 7

REPORT TYPE: DETAIL

###### INITIAL VERSION





#### REPORT DEFINITION

##### REPORT SECTION FOR HEADER (ALL REPORTS)

|  |  |  |  |
| --- | --- | --- | --- |
| **Section** | **Name** | **Field** | **Validation** |
| HEADER | Property | Selected Property | Show Property ID – Property Name  Ex. “ABCDE – Global Property” |
| Report Option | Selected Report Option | If Report Option = ‘I’, then:   * Show “Invoice Cut Off Date: ” concatenate with: * If there is no date standardization, then use format “dd Mon yyyy” for Date Cut Off   Ex. “14 Sep 2001”   * Else, use date standardization * Concatenate the validation above into   “Cut Off Date: 14 Sep 2001”  Else if Report Option = ‘P’, then:   * Show “Penalty Transaction Period: ” concatenate with: * If Report Option [Period [From]] <> Report Option [Period [To]], then show “MMM yyyy – MMM yyyy”   Ex. Report Option [Period [From]] = “200109” and Report Option [Period [To]] = “200110”, then show “September 2001 – October 2001”   * Else, show “MMM yyyy"   Ex. Report Option [Period [From]] = “200109” and Report Option [Period [To]] = “200109”, then show “September 2001”   * - * Concatenate the validation above into “Period: September 2001 – October 2001” |
| Customer | Selected Customer | IF Customer [From [Code]] <> Customer [To [Code]], then “Customer [From [Name]] (Customer [From [Code]]) – Customer [To [Name]] (Customer [To [Code]])”  ELSE, “Customer [From [Name]] (Customer [From [Code]])”  Ex. 1  Selected from: MU01 – Andika Putra  Selected to: AE01 – Aurerius Irvin  Hence, show “Andika Putra (MU01) – Aurerius Irvin (AE01)”  Ex. 2  Selected from: MU01 – Andika Putra  Selected to: MU01 – Andika Putra  Hence, show “Andika Putra (MU01)” |
| Report Type | Selected Report Type | Show Report Type’s value  Ex. “Summary” |
| Currency Type | Selected Currency Type | Selected Currency Type value  If T Then Display Transaction Currency  If L Then Display Local Currency  If B Then Display Base Currency  Ex. Transaction Currency |
|  |  |  |

##### REPORT SECTION FOR SUMMARY

|  |  |  |  |
| --- | --- | --- | --- |
| **Section** | **Name** | **Field** | **Validation** |
| REPORT GROUP | Customer | CTENANT\_ID |  |
| GROUP BY CUSTOMER [HEADER] | Customer | CTENANT\_ID - CTENANT\_NAME |  |
| DETAIL | Agreement No. | CAGREEMENT\_NO |  |
| Unit Name | CUNIT\_DESCRIPTION |  |
| Building | CBUILDING\_ID - CBUILDING\_NAME |  |
| Curr. | CCURRENCY\_CODE |  |
| Invoice Amount | NINVOICE\_AMOUNT |  |
| Redeemed Amount | NREDEEMED\_AMOUNT |  |
| Paid Amount | NPAID\_AMOUNT |  |
| Outstanding Amount | NOUTSTANDING\_AMOUNT |  |
| GROUP BY CUSTOMER  ,CURRENCY\_CODE  [FOOTER] | Sub Total of Invoice Amount |  | Sum of NINVOICE\_AMOUNT |
| Sub Total of Redeemed Amount |  | Sum of NREDEEMED\_AMOUNT |
| Sub Total of Paid Amount |  | Sum of NPAID\_AMOUNT |
| Sub Total of Outstanding Amount |  | Sum of NOUTSTANDING\_AMOUNT |
| SUMMARY BY CCURRENCY\_CODE | Grand Total of Invoice Amount |  | Sum of NINVOICE\_AMOUNT |
| Grand Total of Redeemed Amount |  | Sum of NREDEEMED\_AMOUNT |
| Grand Total of Paid Amount |  | Sum of NPAID\_AMOUNT |
| Grand Total of Outstanding Amount |  | Sum of NOUTSTANDING\_AMOUNT |

##### REPORT SECTION FOR DETAIL

|  |  |  |  |
| --- | --- | --- | --- |
| **Section** | **Name** | **Field** | **Validation** |
| REPORT GROUP | Customer | CTENANT\_ID |  |
| Agreement No. | CAGREEMENT\_NO |  |
| GROUP BY CUSTOMER [HEADER] | Customer | CTENANT\_ID - CTENANT\_NAME |  |
| GROUP BY AGREEMENT NO. [HEADER] | Agreement No. | CAGREEMENT\_NO |  |
| Unit Name | CUNIT\_DESCRIPTION |  |
| Building | CBUILDING\_ID - CBUILDING\_NAME |  |
| DETAIL | Invoice No. | CINVOICE\_NO |  |
| Invoice Description | CINVOICE\_DESCRIPTION |  |
| Due Date | CDUE\_DATE |  |
| Late Days | ILATE\_DAYS |  |
| Curr. | CCURRENCY\_CODE |  |
| Invoice Amount | NINVOICE\_AMOUNT |  |
| Redeemed Amount | NREDEEMED\_AMOUNT |  |
| Paid Amount | NPAID\_AMOUNT |  |
| Outstanding Amount | NOUTSTANDING\_AMOUNT |  |
| GROUP BY AGREEMENT NO.  ,CURRENCY  [FOOTER] | Sub Total of Invoice Amount |  | Sum of NINVOICE\_AMOUNT |
| Sub Total of Redeemed Amount |  | Sum of NREDEEMED\_AMOUNT |
| Sub Total of Paid Amount |  | Sum of NPAID\_AMOUNT |
| Sub Total of Outstanding Amount |  | Sum of NOUTSTANDING\_AMOUNT |
| GROUP BY CUSTOMER [FOOTER] | Sub Total of Invoice Amount |  | Sum of NINVOICE\_AMOUNT |
| Sub Total of Redeemed Amount |  | Sum of NREDEEMED\_AMOUNT |
| Sub Total of Paid Amount |  | Sum of NPAID\_AMOUNT |
| Sub Total of Outstanding Amount |  | Sum of NOUTSTANDING\_AMOUNT |
| SUMMARY | Grand Total of Invoice Amount |  | Sum of NINVOICE\_AMOUNT |
| Grand Total of Redeemed Amount |  | Sum of NREDEEMED\_AMOUNT |
| Grand Total of Paid Amount |  | Sum of NPAID\_AMOUNT |
| Grand Total of Outstanding Amount |  | Sum of NOUTSTANDING\_AMOUNT |

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Property | Empty | Please select Property |
| Report Option | Report Option = ‘I’ **and** Report Option [Cut Off] is empty | Please select Cut Off Date |
| Report Option = ‘P’ **and** **(**Report Option [Period [From [Year]]] is empty **or** Report Option [Period [From [Month]]] is empty **or** Report Option [Period [To [Year]]] is empty **or** Report Option [Period [To [Month]]] is empty**)** | Please select Period |
| Report Option = ‘P’ **and** Report Option [Period [From]] > Report Option [Period [To]] | Period (From) cannot be more than Period (To) |
| Customer | Customer [From [Code]] is empty **or** Customer [To [Code]] is empty | Please select Customer |

#### ACTION

|  |
| --- |
|  |
| * Execute this stored procedure:   RSP\_PMR02400\_GET\_REPORT  VAR\_COMPANY\_ID  , selected Property ID  , selected Cut Off  , selected Period [From]  , selected Period [To]  , selected Report Type  , selected Customer [From [Code]]  , selected Customer [To [Code]]  , VAR\_LANGUAGE\_ID  Note for sending those parameters to execute the stored procedure above:   * If selected Report Option = ‘I’, then empty these values: * Selected Period [From] * Selected Period [To]   Else if selected Report Option = ‘P’, then empty these values:   * Selected Cut Off * Selected Cut Off’s value should be “yyyymmdd” * Selected Period [From]’s value should be “yyyymm” * Selected Period [To]’s value should be “yyyymm” * **!IMPORTANT!: DIFFERENT SELECTED REPORT TYPE RESULTING IN DIFFERENT OUTPUT** * Ex. 1 for Summary [THERE IS CURRENTLY NO AVAILABLE DATA // TABLE IS NOT EXISTS]   EXEC RSP\_PMR02400\_GET\_REPORT  ''  , ''  , ''  , ''  , ''  , '1'  , ''  , ''  , ''   * Ex. 2 for Detail [THERE IS CURRENTLY NO AVAILABLE DATA // TABLE IS NOT EXISTS]   EXEC RSP\_PMR02400\_GET\_REPORT  ''  , ''  , ''  , ''  , ''  , '2'  , ''  , ''  , ''   * - |

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
|  |  |  |

#### TEMPLATE

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
|  |