## PROGRAM DEFINITION

|  |
| --- |
|  |
| * Program untuk Soft Closing PM Period |

## RELATED TABLES

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

## 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) * Get Property List [PROPERTY\_LIST]:   EXEC RSP\_GS\_GET\_PROPERTY\_LIST VAR\_COMPANY\_ID, VAR\_USER\_ID  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID   * Jalankan RSP\_PM\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_PM\_SYSTEM\_PARAM   + VAR\_COMPANY\_ID   + **[CR01]** "Property Id"   + VAR\_LANGUAGE\_ID * Set VAR\_CURRENT\_PERIOD\_DISPLAY = VAR\_PM\_SYSTEM\_PARAM.CCURRENT\_PERIOD\_YY + ‘-‘ + VAR\_PM\_SYSTEM\_PARAM.CCURRENT\_PERIOD\_MM * Jalankan RSP\_GS\_GET\_PERIOD\_YEAR\_RANGE dengan parameter, simpan hasil ke VAR\_GSM\_PERIOD   + VAR\_COMPANY\_ID   + ‘’ (Empty String)   + ‘’ (Empty String) |  |

## MAIN FORM

### USER INTERFACE

#### INITIAL VERSION



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Process | Jalankan SOFT CLOSE PROCESS (pending) |
| Modify | Jalankan MODIFY PROCESS |
| Cancel | Jalankan CANCEL SAVE PROCESS |
| Save | Jalankan SAVE PROCESS |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Jalankan REFRESH FORM PROCESS |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property | VAR\_CURRENT\_PERIOD\_DISPLAY | 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   * Jalankan Refresh Form Process |
| Current Period | VAR\_CURRENT\_PERIOD\_DISPLAY | Label |  |
| Current Soft Period (Year) | CSOFT\_PERIOD\_YY | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Maximum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1   Set Default selected value = VAR\_GSM\_PERIOD.IMIN\_YEAR | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Current Soft Period (Month) | CSOFT\_PERIOD\_MM | Combobox  Isi combo box value dengan  01 s/d 12 | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Last Updated By | DLSOFT\_END\_DATE | Label | IF NULL Value display blank |
|  | CLSOFT\_END\_BY | Label |  |
|  |  |  |  |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Process | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Modify | IF VAR\_SAVE\_MODE=VIEW THEN Enabled ELSE Disabled |
| Cancel | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Save | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
|  |  |

### REFRESH FORM PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE=VIEW * Refresh form dengan RSP\_PM\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_PM\_SYSTEM\_PARAM   + VAR\_COMPANY\_ID   + **[CR01]** "Property Id"   + VAR\_LANGUAGE\_ID |

### SOFT CLOSE PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_PM\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_PM\_SYSTEM\_PARAM   + VAR\_COMPANY\_ID   + **[CR01]** "Property Id"   + VAR\_LANGUAGE\_ID * IF VAR\_PM\_SYSTEM\_PARAM.LSOFT\_CLOSING\_FLAG=1   + Display message ‘Soft Closing process is in progress by another user!’   + Kembali ke form * Display confirmation message ‘Are you sure want to proceed Soft Closing?’ [Yes/No] * IF No. THEN Kembali ke form * Jalankan RSP\_PM\_VALIDATE\_SOFT\_CLOSE dengan parameter, simpan hasil ke VAR\_VALIDATE\_RESULT   + VAR\_COMPANY\_ID   + **[CR01]** "Property Id"   + Current Soft Period (YYYYMM)   + VAR\_USER\_ID * IF VAR\_VALIDATE\_RESULT NOT EMPTY   + Jalankan POPUP TODO LIST dengan VAR\_VALIDATE\_RESULT * ELSE   + Jalankan RSP\_PM\_SOFT\_CLOSE\_PERIOD\_PROCESS dengan parameter, simpan hasil ke VAR\_RESULT     - VAR\_COMPANY\_ID     - **[CR01]** "Property Id"     - Current Soft Period (YYYYMM)     - VAR\_USER\_ID   + IF Error     - Display Error Message   + ELSE     - Display message ‘Soft Closing processed successfully!’     - Jalankan REFRESH FORM PROCESS |

### MODIFY PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = EDIT * Enable Edit Semua Editable field * Enable button   + Save   + Cancel * Disable button   + Process   + Modify * Set focus ke Current Soft Period (Year) |

### SAVE PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Current Soft Period | > VAR\_PM\_SYSTEM\_PARAM.CSOFT\_PERIOD | ~~New Soft Period may not be later than Current Soft Period!~~  Changing the Soft Period cannot be done without completing the necessary closing procedures |
|  | < VAR\_PM\_SYSTEM\_PARAM.CCURRENT\_PERIOD | New Soft Period may not be earlier than Current Period! |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Jalankan RSP\_PM\_UPDATE\_SOFT\_PERIOD dengan parameter, simpan hasil ke VAR\_RESULT   + VAR\_COMPANY\_ID   + **[CR01]** "Property Id"   + Current Soft Period (YYYYMM)   + VAR\_USER\_ID * IF Error   + Display error message * Jalankan REFRESH FORM PROCESS |

### CANCEL SAVE 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 |

## POPUP TODO LIST

### USER INTERFACE

#### INITIAL VERSION



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Save to Excel | Jalankan DOWNLOAD EXCEL PROCESS |

### OUTPUT

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

### ROLES

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

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Refresh Grid dengan VAR\_VALIDATE\_RESULT * Display message ‘Todo list to be resolved before Soft Closing!’ [OK] |  |

### DISPLAY PROCESS

#### FIELD DEFINITION

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

#### OUTSTANDING GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| No. | INO | Label |  |
| Dept. | CDEPARTMENT | Label |  |
| Transaction Type | CTRANSACTION\_NAME | Label |  |
| Ref No. | CREF\_NO | Label |  |
| Ref Date | CREF\_DATE | Label |  |
| Status | CSTATUS\_NAME | Label |  |
| Description | CDESCRIPTION | Label |  |
| Solution | CSOLUTION | Label |  |
|  |  |  |  |
| Grid Mode   * Read only | | | |

#### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Save to Excel | IF has data di grid THEN Enabled ELSE Disabled |

### DOWNLOAD EXCEL PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Convert data di grid ke file Excel sesuai dengan format OUTSTANDING LIST EXCEL TEMPLATE * Set Excel File Name= PM\_SOFT\_CLOSE\_TODO\_LIST\_YYYYMMDD\_HHmm.xlsx   + YYYY = Year   + MM = Month   + HH = hour (24 hours format)   + mm = minutes |

#### OUTSTANDING LIST EXCEL TEMPLATE

|  |  |  |
| --- | --- | --- |
| **No.** | **Field (Excel)** | **Field (Data)** |
| 1 | No. | INO |
| 2 | Dept. | CDEPARTMENT |
| 3 | Transaction Type | CTRANSACTION\_NAME |
| 4 | Ref No. | CREF\_NO |
| 5 | Ref Date | CREF\_DATE |
| 6 | Status | CSTATUS\_NAME |
| 7 | Description | CDESCRIPTION |
| 8 | Solution | CSOLUTION |
|  |  |  |

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| **CR01**  **IB, 25 Jul 2025** | * Tambah Property |  |

#### TEMPLATE

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
|  |