## PROGRAM DEFINITION

|  |
| --- |
|  |
| * Program untuk input transaksi Overtime Invoice Plan |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * PMT\_OVERTIME * PMT\_OVERTIME\_SERVICE * PMT\_OVERTIME\_UNIT * PMT\_OVT\_INVOICE\_PLAN\_HD * PMT\_OVT\_INVOICE\_PLAN\_DT * GSM\_PROPERTY\_BUILDING * GSM\_PROPERTY\_FLOOR * GSM\_PROPERTY\_UNIT * GSM\_PROPERTY\_UNIT\_TYPE * PMM\_TENANT * GSM\_DEPARTMENT * GSB\_CODE\_DT | * RW * RW * RW * RW |

## 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 = 802410 * Set VAR\_OVT\_TRANS\_CODE = 802400 * Set VAR\_TRANS\_STATUS = 80 * Set VAR\_OVT\_STATUS = 10 * Jalankan RSP\_GS\_GET\_PERIOD\_YEAR\_RANGE dengan parameter, simpan hasil ke VAR\_GSM\_PERIOD   + VAR\_COMPANY\_ID   + ‘’ (Empty String)   + ‘’ (Empty String) * 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\_TRANS\_CODE\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_TRANSACTION\_CODE   + VAR\_COMPANY\_ID   + VAR\_TRANS\_CODE * Set Default period to This year, This Month * Set Top 1 Property list * Jalankan REFRESH AGREEMENT LIST PROCESS |  |

## TAB - OVERTIME LIST

### USER INTERFACE

#### INITIAL VERSION



### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property |  | ComboBox | * Mandatory   EXEC RSP\_GS\_GET\_PROPERTY\_LIST VAR\_COMPANY\_ID, VAR\_USER\_ID  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID  Default : Select top 1  VALUE CHANGED : CLEAR ALL GRID |
| Year Period |  | Spinner   * Minimum Value = VAR\_GSM\_PERIOD.IMIN\_YEAR * Minimum Value = VAR\_GSM\_PERIOD.IMAX\_YEAR * Stepping value = 1 |  |
| Month Period |  | Combobox  Isi combobox dengan RSP\_GS\_GET\_PERIOD\_DT\_LIST dengan parameter:   * VAR\_COMPANY\_ID * Selected Year   Set Item Code=CPERIOD\_NO  Set Item Name=CPERIOD\_NO |  |

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Refresh | Jalankan REFRESH AGREEMENT LIST PROCESS |
| Process | Jalankan POPUP INVOICE DETAIL, ADD INVOICE PROCESS |

### REFRESH AGREEMENT LIST PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| CPROPERTY\_ID | Empty | Please choose property ! |
| CPERIOD YEAR | year empty | Please choose year period ! |
| CPERIOD Month | month empty | Please choose month period ! |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Refresh Agreement List dengan RSP\_PM\_GET\_OVT\_AGREENO\_LIST dengan parameter:   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_OVT\_TRANS\_CODE   + CPERIOD (CPERIOD YEAR + CPERIOD MONTH Format yyyymm)   + VAR\_TRANS\_STATUS   + VAR\_OVT\_STATUS * IF Grid empty,   + Display message “No data found!” * Pindah row Agreement List , Jalankan REFRESH OVERTIME LIST PROCESS * Pindah row Overtime List , Jalankan REFRESH SERVICE LIST PROCESS * Pindah row Service List, Jalankan REFRESH UNIT LIST PROCESS |

#### AGREEMENT LIST & FORM DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Agreement No | CAGREEMENT\_NO | Label |  |
| Tenant | CTENANT\_ID,CTENANT\_NAME | Label |  |
| Building | CBUILDING\_ID,CBUILDING\_NAME | Label |  |
| Unit Description | CUNIT\_DESCRIPTION | Label |  |

### REFRESH OVERTIME LIST

#### ACTION

|  |
| --- |
|  |
| * Refresh Overtime List dengan RSP\_PM\_GET\_OVT\_LIST dengan parameter:   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_OVT\_TRANS\_CODE   + CPERIOD (CPERIOD YEAR + CPERIOD MONTH Format yyyymm)   + VAR\_TRANS\_STATUS   + VAR\_OVT\_STATUS   + Selected Agreement No * IF Grid empty,   + Display message “No data found!” * Pindah row Overtime List , Jalankan REFRESH SERVICE LIST PROCESS * Pindah row Service List, Jalankan REFRESH UNIT LIST PROCESS |

#### OVERTIME LIST DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Company ID | CCOMPANY\_ID | Label,Hidden |  |
| Property ID | CPROPERTY\_ID | Label,Hidden |  |
| Trans Code | CTRANS\_CODE | Label,Hidden |  |
| Dept Code | CDEPT\_CODE | Label,Hidden |  |
| Tenant ID | CTENANT\_ID | Label,Hidden |  |
| Trans Status | CTRANS\_STATUS | Label,Hidden |  |
| Rec Id | CREC\_ID | Label,Hidden |  |
|  |  |  |  |
| Tenant | CTENANT\_NAME | Label |  |
| Building | CBUILDING\_NAME | Label |  |
| Ref No | CREF\_NO | Label |  |
| Ref Date | CREF\_DATE | Label |  |
| Request Name | CREQUEST\_NAME | Label |  |
| Description | CDESCRIPTION | Label |  |
| Updated By | CUPDATE\_BY | Label |  |
| Updated Date | DUPDATE\_DATE | Label |  |
| Created By | CCREATE\_BY | Label |  |
| Created Date | DCREATE\_DATE | Label |  |

### REFRESH SERVICE LIST PROCESS

#### ACTION

|  |
| --- |
|  |
| * Refresh Service List dengan RSP\_PM\_GET\_OVT\_SERVICE\_LIST dengan parameter:   + VAR\_OVT\_REC\_ID * IF Grid empty,   + Display message “No data found!” |

#### SERVICE LIST DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Company ID | CCOMPANY\_ID | Label,Hidden |  |
| Property ID | CPROPERTY\_ID | Label,Hidden |  |
| Trans Code | CTRANS\_CODE | Label,Hidden |  |
| Dept Code | CDEPT\_CODE | Label,Hidden |  |
| Ref No | CREF\_NO | Label,Hidden |  |
| Parent Id | CPARENT\_ID | Label,Hidden |  |
| Rec Id | CREC\_ID | Label,Hidden |  |
|  |  |  |  |
| Seq No | CSEQ\_NO | Label |  |
| Service | CSERVICE\_NAME | Label |  |
| Date In | CDATETIME\_IN | Label | Format sesuai culture |
| Date Out | CDATETIME\_OUT | Label | Format sesuai culture |
| Description | CSERVICE\_DESCR | Label |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

### REFRESH UNIT LIST PROCESS

#### ACTION

|  |
| --- |
|  |
| * Refresh Unit List dengan RSP\_PM\_GET\_OVT\_UNIT\_LIST dengan parameter:   + VAR\_SVC\_REC\_ID * IF Grid empty,   + Display message “No data found!” |

#### UNIT LIST DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Unit Id | CUNIT\_ID | Label |  |
| Unit Name | CUNIT\_NAME |  |  |
| Floor | CFLOOR\_NAME | Label |  |
| Sqm | NGROSS\_AREA\_SIZE | Label |  |
| Updated By | CUPDATE\_BY | Label |  |
| Updated Date | DUPDATE\_DATE | Label |  |
| Created By | CCREATE\_BY | Label |  |
| Created Date | DCREATE\_DATE | Label |  |
|  |  |  |  |

## TAB – INVOICE PLAN

### USER INTERFACE

#### INITIAL VERSION



### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property |  | ComboBox | * Mandatory   EXEC RSP\_GS\_GET\_PROPERTY\_LIST VAR\_COMPANY\_ID, VAR\_USER\_ID  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID  Default : Select top 1  VALUE CHANGED : CLEAR ALL GRID |

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Edit | Jalankan POPUP INVOICE DETAIL, EDIT PROCESS |
| Delete | Jalankan POPUP INVOICE DETAIL, DELETE PROCESS |
| View | Jalankan POPUP INVOICE DETAIL, VAR\_SAVE\_MODE = VIEW |
| Submit/Redraft | Jalankan DRAFT/SUBMIT PROCESS, ganti label jika CTRANS\_STATUS =’00’, SUBMIT ELSE DRAFT |

### REFRESH INVOICE PLAN LIST PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh INVOICE PLAN List dengan RSP\_PM\_GET\_OVT\_INVOICE\_LIST dengan parameter:   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_TRANS\_CODE   + VAR\_TRANS\_STATUS = ’00,10,30,80’   + VAR\_LANG\_ID * IF Grid empty,   + Display message “No data found!” * Pindah row INVOICE PLAN List , Jalankan REFRESH SUMMARY INVOICE PROCESS |

#### INVOICE PLAN LIST

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Company ID | CCOMPANY\_ID | Label,Hidden |  |
| Property ID | CPROPERTY\_ID | Label,Hidden |  |
| Trans Code | CTRANS\_CODE | Label,Hidden |  |
| Dept Code | CDEPT\_CODE | Label,Hidden |  |
| Tenant ID | CTENANT\_ID | Label,Hidden |  |
| Trans Status | CTRANS\_STATUS | Label,Hidden |  |
| Rec Id | CREC\_ID | Label,Hidden |  |
|  |  |  |  |
| Status | CTRANS\_STATUS\_DESC | Label |  |
| Department | CDEPT\_NAME | Label |  |
| Ref No | CREF\_NO | Label |  |
| Invoice Period | CINV\_PRD | Label |  |
| Tenant | CTENANT\_NAME | Label |  |
| Building | CBUILDING\_NAME | Label |  |
| LOI/Agrmt No. | CAGREEMENT\_NO | Label |  |
| Updated By | CUPDATE\_BY | Label |  |
| Updated Date | DUPDATE\_DATE | Label |  |
| Created By | CCREATE\_BY | Label |  |
| Created Date | DCREATE\_DATE | Label |  |

### ADD INVOICE PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = NEW * Reset Form * Enable Add Semua Add field   + Department   + Reference No (Enabled if VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG = 0,else disabled)   + Reference Date   + Description * Enable button   + Save   + Cancel * Set focus ke field Department |

### EDIT INVOICE PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = EDIT * Enable Edit Semua Editable field   + Description * Enable button   + Save   + Cancel * Set focus ke field Description |

### DELETE INVOICE PLAN PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Display Confirmation message ‘Are you sure want to delete this Invoice Plan?’[Yes/No] * IF No THEN kembali ke form * Jalankan RSP\_PM\_DELETE\_OVT\_INVOICE dengan parameter   + VAR\_COMPANY\_ID   + VAR\_USER\_ID   + VAR\_REC\_ID * IF Success   + Display message ‘Invoice Plan Deleted Successfully!’ * ELSE   + Display Error Message |
|  |

### DRAFT/SUBMIT INVOICE PLAN PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Display confirmation message based on CTRANS\_STATUS :   00 : ‘Are you sure want to submit this Invoice Plan? [Yes/No]’  10 : ‘Are you sure want to redraft this Invoice Plan? [Yes/No]’   * IF Yes THEN Continue Process ELSE Kembali ke form * Jalankan RSP\_PM\_UPDATE\_OVT\_INVOICE\_STATUS dengan parameter   + VAR\_COMPANY\_ID   + Property ID   + VAR\_USER\_ID   + VAR\_REC\_ID   + IF(CTRANS\_STATUS = ‘00’,’01’,’00’) (Hardcoded) * IF Success   + Display message based on CTRANS\_STATUS   00 : ‘Invoice Plan Submit Successfully!’  10 : ‘Invoice Plan Redraft Successfully!’   * ELSE   + Display Error Message      * Jalankan REFRESH INVOICE PLAN LIST PROCESS |
|  |

## POPUP INVOICE DETAIL

### USER INTERFACE



### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_SAVE\_MODE = ‘NEW Jika form dibuka dari button Process * Set VAR\_SAVE\_MODE = ‘EDIT’ Jika form dibuka dari button Edit * Jalankan REFRESH FORM PROCESS untuk ambil data form popup |  |

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Cancel | Jalankan CANCEL INVOICE PROCESS |
| Save | Jalankan SAVE INVOICE PROCESS |

### BUTTON MODE

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

|  |
| --- |
|  |
| * IF VAR\_SAVE\_MODE = ‘NEW’ ,SET :   + Property   + Tenant   + Building   + Invoice Period   + LOI/Agrmt No. * IF VAR\_SAVE\_MODE = ‘EDIT’, Refresh Form dengan RSP\_PM\_GET\_OVT\_INVOICE\_DETAIL dengan parameter   + VAR\_COMPANY\_ID   + VAR\_TRANS\_CODE   + Selected Row Dept Code   + Selected Row Ref No   + VAR\_REC\_ID * IF PARAM\_COMPANY\_ID <> ‘’, Refresh Form dengan RSP\_PM\_GET\_OVT\_INVOICE\_DETAIL dengan parameter   + PARAM\_COMPANY\_ID   + PARAM\_TRANS\_CODE   + PARAM\_DEPT\_CODE   + PARAM\_REF\_NO   + ‘’ * Jalankan REFRESH SUMMARY INVOICE GRID |

#### FORM DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property | CPROPERTY\_ID, CPROPERTY\_NAME | Textbox, disabled |  |
| Department | CDEPT\_CODE | Lookup, enabled | * Mandatory * 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 |
|  | CDEPT\_NAME | Textbox, disabled |  |
| Tenant | CTENANT\_ID, CTENANT\_NAME | Textbox, disabled |  |
| Building | CBUILDING\_ID, CBUILDING\_NAME | Textbox, disabled |  |
|  |  |  |  |
| Invoice Period | CINV\_PRD | Textbox, disabled |  |
| Reference No\* | CREF\_NO | Textbox | Enabled & Mandatory if VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG = 0,else disabled |
| Reference Date\* | CREF\_DATE | Textbox, enabled | Mandatory |
| LOI/Agrmt No. | CAGREEMENT\_NO | Textbox, disabled |  |
| Description | CDESCRIPTION | Textbox, enabled |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

### SAVE INVOICE PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| Deparment | Empty | Please select Department ! |
| Ref No | VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG =0 AND EMPTY | Please input Ref No ! |

#### ACTION

|  |
| --- |
|  |
| EXEC RSP\_PM\_MAINTAIN\_OVT\_INVOICE  "Login Company Id"  , "Property Id"  , "Department Code  , VAR\_TRANS\_CODE  , “Reference No\*”  , "Reference Date\*"  , "Tenant Id"  , "Building Id"  , "LOI/Agreement No"  , "Description”  , “Invoice Period’  , Login User Id  , VAR\_REC\_ID  , VAR\_SAVE\_MODE  simpan hasil ke VAR\_RESULT     * IF Success   + Set VAR\_REC\_ID = VAR\_RESULT.CREC\_ID   + Jalankan ON CLOSE FORM PROCESS * IF Error   + Display error message * Set VAR\_SAVE\_MODE = VIEW |
|  |

### 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 ON CLOSE FORM PROCESS * IF No   + Kembali ke form |

### ON CLOSE FORM PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * + IF Error     - Display error message   + ELSE     - Refresh AGREEMENT LIST PROCESS, INVOICE PLAN LIST PROCESS |

## REFRESH SUMMARY INVOICE PROCESS

### VALIDATION

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

### ACTION

|  |
| --- |
|  |
| * Refresh Summary Invoice List dengan RSP\_PM\_GET\_OVT\_SUMINV\_LIST dengan parameter:   + VAR\_COMPANY\_ID   + Selected Property ID   + CPERIOD (CPERIOD YEAR + CPERIOD MONTH Format yyyymm)   + Agreement No |

### SUMMARY INVOICE LIST DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Service | CCHARGES\_ID - CCHARGES\_NAME | Service |  |
| Unit | CUNIT\_NAME | Label |  |
| Rate/Hours | NRATE\_HOUR | Label |  |
| Total Hours | IHOURS | Label |  |
| Total Amount | NAMOUNT | Label |  |

# CR LIST

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

#### TEMPLATE

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
|  |