## PROGRAM DEFINITION

|  |
| --- |
|  |
| * Program untuk input transaksi Hand Over |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * PMT\_AGREEMENT * PMT\_AGREEMENT\_UNIT * GSM\_PROPERTY * GSM\_PROPERTY\_BUILDING * GSM\_PROPERTY\_FLOOR * GSM\_PROPERTY\_UNIT * 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\_HO\_TRANS\_CODE = 802130 * Set VAR\_LOI\_TRANS\_CODE = 802061 * Get Property List [PROPERTY\_LIST]:   EXEC RSP\_GS\_GET\_PROPERTY\_LIST 'Login Company Id', 'Login User Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID  Value changed jalankan : Refresh LOI List Process, Refresh HO List Process   * ~~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)~~ * Jalankan RSP\_GS\_GET\_COMPANY\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_COMPANY   + VAR\_COMPANY\_ID * ~~Jalankan RSP\_GL\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_GL\_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\_HO\_TRANS\_CODE * IF Input Parameter NOT EMPTY THEN   + Run Tab HO Detail with Popup Mode |  |

## TAB - LOI LIST

### USER INTERFACE

#### INITIAL VERSION



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Hand Over | Jalankan Input Form Process |

### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Hand Over | Enabled if grid list > 0 |
|  |  |

### DISPLAY PROCESS

#### LOI GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Building | CBUILDING\_NAME | Label |  |
| Floor | CFLOOR\_NAME | Label |  |
| Unit Id | CUNIT\_NAME | Label |  |
| Tenant | CTENANT\_NAME | Label |  |
| Department | CDEPT\_NAME | Label |  |
| LOI Ref No | CREF\_NO | Label |  |
| HO Plan Date | CHAND\_OVER\_DATE | Label | Format dd-MMM-yyyy |
| Updated By | CUPDATE\_BY | Label |  |
| Updated Date | DUPDATE\_DATE | Label |  |
| Created By | CCREATE\_BY | Label |  |
| Created Date | DCREATE\_DATE | Label |  |
|  |  |  |  |
|  |  |  |  |
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|  |  |  |  |
|  |  |  |  |
| Grid Mode   * Read Only | | | |
|  |  |  |  |
|  | | | |

### REFRESH LOI LIST PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh LOI Grid dengan RSP\_PM\_GET\_HANDOVER\_LIST dengan parameter:   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_LOI\_TRANS\_CODE   + VAR\_LANGUAGE\_ID * IF Grid empty,   + Display message “No data found!” |

## TAB - HO LIST

### USER INTERFACE

#### INITIAL VERSION



### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Edit | Jalankan EDIT HANDOVER PROCESS |
| Delete | Jalankan DELETE HANDOVER PROCESS |
| Submit | Jalankan SUBMIT PROCESS |
| Redraft | Jalankan REDRAFT PROCESS |
|  |  |

### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Edit | Enabled if grid list > 0 AND CTRANS\_STATUS < ‘10’ Open |
| Delete | Enabled if grid list > 0 AND CTRANS\_STATUS < ‘10’ Open |
| Submit | Enabled if grid list > 0 AND CTRANS\_STATUS < ‘10’ Open |
| Redraft | Enabled if grid list > 0 AND CTRANS\_STATUS = ‘10’ Open |
|  |  |

### DISPLAY PROCESS

#### LOI GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Status | CSTATUS\_NAME | Label |  |
| Building | CBUILDING\_NAME | Label |  |
| Floor | CFLOOR\_NAME | Label |  |
| Unit Id | CUNIT\_NAME | Label |  |
| Tenant | CTENANT\_NAME | Label |  |
| Department | CDEPT\_NAME | Label |  |
| HO Ref No | CREF\_NO | Label |  |
| HO Actual Date | CHAND\_OVER\_DATE | Label | Format dd-MMM-yyyy |
| Updated By | CUPDATE\_BY | Label |  |
| Updated Date | DUPDATE\_DATE | Label |  |
| Created By | CCREATE\_BY | Label |  |
| Created Date | DCREATE\_DATE | Label |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Grid Mode   * Read Only | | | |
|  |  |  |  |
|  | | | |

### REFRESH HO LIST PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh HO Grid dengan RSP\_PM\_GET\_HANDOVER\_LIST dengan parameter:   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_HO\_TRANS\_CODE   + VAR\_LANGUAGE\_ID * IF Grid empty,   + Display message “No data found!” |

### SUBMIT PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Display confirmation message ‘Are you sure want to submit this Handover? [Yes/No]’ * IF Yes THEN Continue Process ELSE Kembali ke form * SET VAR\_NEW\_STATUS =’01’ * Jalankan RSP\_PM\_UPDATE\_HANDOVER dengan parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + Selected Row Trans Code   + Selected Row Dept Code   + Selected Row Ref No   + VAR\_USER\_ID   + VAR\_NEW\_STATUS * IF Success   + Display message ‘Handover Submitted Successfully!’ * ELSE   + Display Error Message * Jalankan Refresh HO List Process |

### REDRAFT PROCESS

##### VALIDATION

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

##### ACTION

|  |
| --- |
|  |
| * Display confirmation message ‘Are you sure want to redraft this Handover? [Yes/No]’ * IF Yes THEN Continue Process ELSE Kembali ke form * SET VAR\_NEW\_STATUS =’00’ * Jalankan RSP\_PM\_UPDATE\_HANDOVER dengan parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + Selected Row Trans Code   + Selected Row Dept Code   + Selected Row Ref No   + VAR\_USER\_ID   + VAR\_NEW\_STATUS * IF Success   + Display message ‘Handover Redraft Successfully!’ * ELSE   + Display Error Message * Jalankan Refresh HO List Process |

### DELETE HANDOVER PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Display Confirmation message ‘Are you sure want to delete this Hand Over?’[Yes/No] * IF No THEN kembali ke form VAR\_SAVE\_MODE = ‘DELETE’   EXEC RSP\_PM\_MAINTAIN\_HANDOVER  "Login Company Id"  , "Property Id"  , Current Row."Department\*" Code  , VAR\_HO\_TRANS\_CODE  , Current Row."HO Ref No\*"  , ‘’  , ‘’  , ‘’  , ‘’  , ‘’  , ‘’  , ‘’  , VAR\_SAVE\_MODE  , Login User Id  , ‘’  , ‘’  , ‘’  , ‘’   * IF Success   + Display message ‘Handover Deleted Successfully!’ * ELSE   + Display Error Message |

## POPUP HANDOVER DETAIL

### USER INTERFACE



### INITIAL PROCESS

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

### REFRESH FORM PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Refresh Form dengan RSP\_PM\_GET\_HANDOVER\_DETAIL dengan parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + Selected Row Trans Code   + VAR\_LANGUAGE\_ID   + Selected Row Dept Code   + Selected Row Ref No   + Selected Row Building ID   + Selected Row Floor ID   + Selected Row Unit ID   + VAR\_SAVE\_MODE * Refresh Utility Grid dengan RSP\_PM\_GET\_HANDOVER\_UTILITY dengan parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + LOI Dept Code   + VAR\_LOI\_TRANS\_CODE   + LOI Ref No   + LOI Building ID   + LOI Floor ID   + LOI Unit ID   + VAR\_LANGUAGE\_ID |

### DISPLAY PROCESS

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property | CPROPERTY\_NAME | Label, disabled |  |
| Department | CDEPT\_CODE | Label, disabled |  |
|  | CDEPT\_NAME | Label, disabled |  |
| Customer | CTENANT\_NAME | Label, disabled |  |
| Building | CBUILDING\_NAME | Label, disabled |  |
|  |  |  |  |
| LOI Ref No | CREF\_NO | Label, disabled | CREF\_NO |
|  |  |  |  |
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### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| HO Ref No | CHO\_REF\_NO | Textbox | * Enabled IF VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG=0 ELSE Disabled * Maks 30 Char |
|  |  |  |  |
| HO Ref Date | CHO\_REF\_DATE | Datetime Picker, Enabled | * Default Today |
| Gross Size | NGROSS\_AREA\_SIZE | Textbox, disabled |  |
| Net Size | NNET\_AREA\_SIZE | Textbox, disabled |  |
| HO Plan Date | CHAND\_OVER\_DATE | Textbox, disabled |  |
| HO Actual Date | CHO\_ACTUAL\_DATE | Datetime Picker, Enabled | * Default HO Plan Date |
| Plan Start Date | CHO\_PLAN\_START\_DATE | Datetime Picker, Enabled |  |
| Plan End Date | CHO\_PLAN\_END\_DATE | Datetime Picker, Enabled |  |
| Actual Size | NHO\_ACTUAL\_SIZE | Textbox, enabled |  |
|  |  |  |  |
|  | | | |

### GRID UTILITY DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Utility Type | CCHARGES\_TYPE\_NAME | Textbox, disabled |  |
| Meter No | CMETER\_NO | Textbox, disabled |  |
| Capacity | NCAPACITY | Textbox, disabled |  |
| CF | NCALCULATION\_FACTOR | Textbox, disabled |  |
| Charge | CCHARGES\_NAME | Textbox, disabled |  |
| Start Year | CYEAR | Spinner, Enabled | Set Default selected value = Current Year |
| Start Month | CMONTH | Combobox, Enabled | Combobox  Isi combo box value dengan  01 s/d 12  Set Default selected value = Current Month |
| Meter Start | IMETER\_START | Spinner, Enabled |  |
| Updated By | CUPDATE\_BY | Textbox, disabled |  |
| Updated Date | DUPDATE\_DATE | Textbox, disabled |  |
| Created By | CCREATE\_BY | Textbox, disabled |  |
| Created Date | DCREATE\_DATE | Textbox, disabled |  |

### BUTTON DEFINITION

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

### ADD HANDOVER PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = NEW * Reset Form * Enable Add Semua Add field   + HO Ref No IF VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG=0   + HO Ref Date   + HO Actual Date, Default HO Plan Date   + Plan Start Date, Default today   + Plan End Date, Default Today   + Actual Size, Default Gross Size * Enable button   + Save   + Cancel * Set focus ke field Ref No/ HO Actual Date |

### EDIT HANDOVER PROCESS

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = EDIT * Enable Edit Semua Editable field   + HO Actual Date   + Plan Start Date   + Plan End Date   + Actual Size * Enable button   + Save   + Cancel * Set focus ke field HO Actual Date |

### SAVE HANDOVER PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| HO Ref No | IF VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG=0 and Empty | Please input HO Ref No ! |
| HO Ref Date | Empty | Please input HO Ref Date! |
| HO Actual Date | Empty | Please input HO Actual Date ! |
| Plan Start Date | Empty | Please input Opening Plan Start Date ! |
| Plan End Date | Empty | Please input Opening Plan End Date ! |
| Plan Start Date | Not Empty and Plan Start Date > Plan End Date | Opening Plan Start Date must before Opening Plan End Date ! |
| Plan End Date | Not Empty and Plan Start Date > Plan End Date | Opening Plan Start Date must before Opening Plan End Date ! |
| Actual Size | Empty | Please input Actual Size ! |
|  |  |  |
| Start Year | Empty | Please input Start Year ! |
| Start Month | Empty | Please input Start Month ! |
| Meter Start | 0 or Empty | Please input Meter Start ! |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| CREATE TABLE #GRID\_UTILITY(  [CCHARGES\_TYPE] [varchar](2) NOT NULL,  [CCHARGES\_ID] [varchar](20) NOT NULL,  [CMETER\_NO] [varchar](50) NOT NULL,  [IMETER\_START] [int] NOT NULL,  [CSTART\_YEAR] [varchar](4) NOT NULL,  [CSTART\_MONTH] [varchar](2) NOT NULL  )  INSERT INTO #GRID\_UTILITY  VALUES  , "Charges Type"  , "Charges Id\*" Code  , "Meter No"  , “Meter Start”  , "Start Year"  , "Start Month"  EXEC RSP\_PM\_MAINTAIN\_HANDOVER  "Login Company Id"  , "Property Id"  , "Department\*" Code  , VAR\_HO\_TRANS\_CODE  , "HO Ref No\*"  , "HO Ref Date\*"  , "Building Id"  , "Unit Id"  , "Floor Id"  , "HO Actual Date”  , "Start Plan Date\*"  , "End Plan Date\*"  , "ADD" / "EDIT"  , Login User Id  , “Dept Code”  , VAR\_LOI\_TRANS\_CODE  , “LOI Ref No”  , “Actual Size”  simpan hasil ke VAR\_RESULT     * IF Success   + Jalankan ON CLOSE FORM PROCESS * IF Error   + Display error message * Set VAR\_SAVE\_MODE = VIEW |
|  |

### CANCEL SAVE HANDOVER 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 LOI List Process, Refresh HO List Process |

# CR LIST

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

#### TEMPLATE

#### VALIDATION

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

#### ACTION

|  |
| --- |
|  |
|  |