## CLP-001-Claim Registration PC

Pada bagian ini menjelaskan fungsi Registrasi (pengajuan) Part Claim (PC) oleh Dealer (Partman) di Aplikasi Dealer Portal dan/ atau aplikasi surrounding. Pengajuan claim tersebut akan diterima oleh PIC Manual Claim Judgement di proses selanjutnya.

## Graphical User Interface

Graphical user interface, application

Description automatically generated

Gambar 1. Initial UI Part Claim Registration

Graphical user interface, application

Description automatically generated

Graphical user interface

Description automatically generated

Gambar 2. Create Part Claim Registration

## 

## User Interface Functionality

| **#** | **Item** | **Data Source** | | **Attributes** | | | | | | **Remarks/ Description** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Table/File Name** | **Field Name** | **Data Type** | **Length** | **Control** | **R/W** | **Default Value** | **display Format** |  |
|  | **Initial** |  |  |  |  |  |  |  |  |  |
| 1 | Destination Code | TB\_M\_DESTINATION | DESTINATION\_CD | Varchar | 7 | Dropdown | R/W | GET\_DESTINATINATION  (@usename) | Blank |  |
| 2 | Dealer Reff No | Key-in |  | Varchar | 15 | Textbox | W | Blank | Blank |  |
| 3 | Order No | Key-in |  | Varchar | 8 | Textbox | W | Blank | Blank |  |
| 4 | Invoice No | Key-in |  | Varchar | 6 | Textbox | W | Blank | Blank |  |
| 5 | Case No | Key-in |  | Varchar | 8 | Textbox | W | Blank | Blank |  |
| 6 | Claim Code | TB\_M\_CLAIM\_CODE | CLAIM\_CD | Varchar | 3 | Dropdown | R/W | Blank | Blank |  |
| 7 | Claim Date |  |  |  |  | Disabled |  | Blank | Blank |  |
| 8 | Delivery Date |  |  |  |  | Disabled |  | Blank | Blank |  |
| 9 | Receive Date |  |  |  |  | Disabled |  | Blank | Blank |  |
| 10 | Shipping Document |  |  |  |  | Disabled |  | Blank | Blank |  |
| 11 | Grid Data |  |  |  |  | Disabled |  | Blank | Blank |  |
|  | **Create Claim** |  |  |  |  |  |  |  |  |  |
| 12 | Destination Code | TB\_M\_DESTINATION | DESTINATION\_CD | Varchar | 7 | Dropdown | R/W | GET\_DESTINATINATION  (@usename) | Blank | Mandatory |
| 13 | Dealer Reff No | Key-in |  | Varchar | 15 | Textbox | W | Blank | Blank | Optional |
| 14 | Order No | Key-in |  | Varchar | 8 | Textbox | W | Blank | Blank | Mandatory |
| 15 | Invoice No | Key-in |  | Varchar | 6 | Textbox | W | Blank | Blank | Mandatory |
| 16 | Case No | Key-in |  | Varchar | 8 | Textbox | W | Blank | Blank | Mandatory |
| 17 | Claim Code | TB\_M\_CLAIM\_CODE | CLAIM\_CD | Varchar | 3 | Dropdown | R/W | Blank | Blank | Mandatory |
| 18 | Claim Date |  |  | Date |  | Label | R | SELECT GETDATE() | DD/MM/YYYY | Autofill after input Destination Code |
| 19 | Delivery Date | TB\_R\_PROFORMA\_INVOICE | DELIVERY\_DATE | Date |  | Label | R/W | GET DELIVERY\_DATE | DD/MM/YYYY | Autofill |
| 20 | Receive Date | TB\_R\_TAM\_SHIPMENT\_ATA | ACTUAL\_ARRIVAL\_DT | Date |  | Label | R/W | GET ACTUAL\_ARRIVAL\_DT | DD/MM/YYYY | Autofill |
| 21 | Shipping Document | TB\_R\_PROFORMA\_INVOICE | SHIP\_DOC\_NO | Varchar | 7 | Label | R/W | GET SHIP\_DOC\_NO |  | Autofill |
|  | Grid |  |  |  |  |  |  |  |  |  |
| 22 | Order Part No/ Receive Part No | TB\_R\_PART\_CLAIM | PC\_ORD\_PART\_NO | Varchar | 8 | Masked Textbox | W | Blank | XXXX-XXXX-XX |  |
| 23 | Invoice Qty | TB\_R\_PART\_CLAIM | PC\_ORD\_INV\_QTY | Numeric | 7 | Textbox | W | Blank |  |  |
| 24 | Receive Qty | TB\_R\_PART\_CLAIM | PC\_RCV\_PART\_NO | Numeric | 7 | Textbox | W | Blank |  |  |
| 25 | Qty Minus | TB\_R\_PART\_CLAIM | PC\_ORD\_MIN\_QTY | Numeric | 7 | Textbox | W | Blank |  |  |
| 26 | Qty Plus | TB\_R\_PART\_CLAIM | PC\_ORD\_PLUS\_QTY | Numeric | 7 | Textbox | W | Blank |  |  |
| 27 | Qty NG | TB\_R\_PART\_CLAIM | PC\_ORD\_NG\_QTY | Numeric | 7 | Textbox | W | Blank |  |  |
| 28 | Qty OTH | TB\_R\_PART\_CLAIM | PC\_ORD\_OTH\_QTY | Numeric | 7 | Textbox | W | Blank |  |  |
| 29 | Dealer Net Price | TB\_R\_PROFORMA\_INVOICE | SALES\_PRICE | Numeric | 9 | Textbox | W | Blank |  |  |
| 30 | Total Dealer Net Price | TB\_R\_PART\_CLAIM | PC\_TTL\_DEALER\_PRC | Numeric | 9 | Textbox | W | Blank |  |  |
| 31 | Dealer Request | TB\_M\_SYSTEM | PC\_ORD\_DEALER\_REQ | Varchar | 3 | Dropdown | R/W | Blank |  |  |
| 32 | Dealer Request | TB\_M\_SYSTEM | PC\_RCV\_DEALER\_REQ | Varchar | 3 | Dropdown | R/W | Blank |  |  |
| 33 | Claim Amount | TB\_R\_PART\_CLAIM | PC\_CLAIM\_AMT | Numeric | 9 | Label | W | Blank |  |  |
| 34 | Dealer Note | Key-in |  |  | 150 |  |  |  |  |  |
| 35 | Photo/Video | TB\_R\_PART\_CLAIM | PC\_PART\_PIC | Varchar | 150 | Button | W | Blank | Picture, Doc, Video | Upload file |
| 36 | BAP | TB\_R\_PART\_CLAIM | PC\_BAP | Varchar | 150 | button | W | Blank | Xls,pdf,word | Upload file |
| 37 | Submit |  |  |  |  | Button |  |  |  | Action submit save |
| 38 | Reset |  |  |  |  | Button |  |  |  | Action Clear data |
| 39 | Close |  |  |  |  | Button |  |  |  | Back to previous |

Tabel 1. User Interface Functionally Part Claim Registration

1. **Process Detail Functionally**

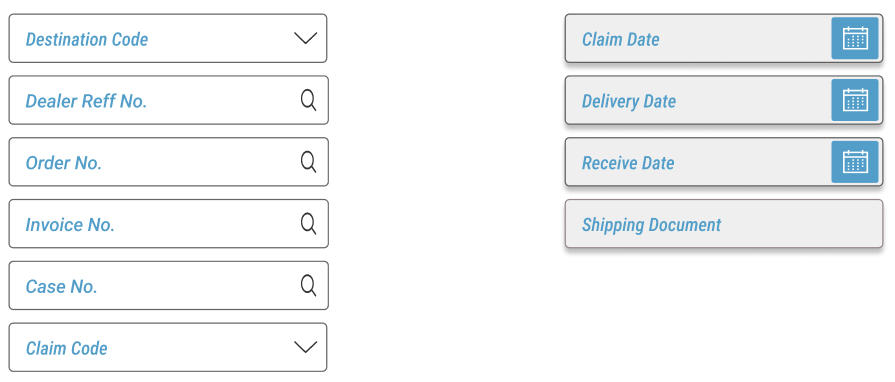
Berukut ini penjelasan secara detail proses untuk submit part claim

1. **Initial UI**

Pada screen awal, semua kolom detail disable. Untuk kolom header yang aktif yaitu: Destination Code, Dealer Reff No, Order No, Invoice No, Case No dan Claim Code.

1. **Format Validation**

Proses validasi format meliputi input data pada header form claim PC



|  |  |  |
| --- | --- | --- |
| **Item** | **Validation** | **Initial** |
| Destination Code | Mandatory, check to master | dropdown |
| Dealer Reff. No. | Optional, max. 15 digits | Textbox |
| Order No. | Mandatory, max. 8 digits, capital | key-in |
| Invoice No. | Mandatory, max. 6 digits, capital | key-in |
| Case No. | Mandatory, max. 8 digits, capital | key-in |
| Claim Code | Mandatory, check to master | dropdown |
| Claim Date | Default (Today) | Disabled |
| Delivery Date | Autofill - link to TB\_R\_PROFORMA\_INVOICE | Disabled |
| Receive Date | Autofill - link to TB\_R\_TAM\_SHIPMENT\_ATA | Disabled |
| Shipping Document | Autofill - link to TB\_R\_PROFORMA\_INVOICE | Disabled |
| TAM Reff No. | Autofill by sequence master | Disabled |

1. **Content Validation – Validate & Get Data from TB\_R\_PROFORMA\_INVOICE**

Validasi ini untuk memastikan transaksi yang akurat dan menampilkan data yang digunakan pada transaksi dengan mengacu pada TB\_R\_PROFORMA\_INVOICE



1. **Content Validation – Validate and Synchronize claim code input with Claim Code Master**

Validasi ini bertujuan untuk mendapatkan kolom mana saja yang enable dan disable untuk transaksi claim code tertentu, sesuai dengan setting yang dilakukan di master claim code dan di simpan di TB\_M\_CLAIM\_CODE.

Jika flag = 1, maka kolom di screen *enabled*

Jika flag = 0, maka kolom di screen *disabled*

Graphical user interface, text, application

Description automatically generated

1. **Lead Time Validation**

Pada proses ini system melakukan validasi apakah pengajuan part claim dapat dilakukan sesuai dengan batasan Lead Time. Parameter yang menentukan proses ini ada lead time claim yang di setting pada *master lead time* (*new function*). Pada saat submit ditambahkan validasi lead time seperti di bawah ini:

|  |  |
| --- | --- |
| **Procedure** | **Parameter** |
| SP\_LEADTIMESUBMIT\_PC (new)  formula:  if [Receive Date] - [Delivery Date] >  TB\_M\_CLAIM\_JUDGE\_LT[PC\_SUBMIT\_LT]  Then <Submit failed>, MTPS001XXE | <button type="submit" >Submit</button>  Function validation ()  { @PC\_DepotCD varchar(10)  , @PC\_CUSTType varchar(20)  , @PC\_ClaimCD varchar(3)  , @PC\_ProcessID bigint  if param: [Receive\_DT] – [Delivery Date] > param: [SUBMIT\_LT]  return false;  } </> |

1. **Content Validation – Claim QTY**

IF param not valid, then

Error Message (New), [Message\_ID] MTPS001XXE, [Message\_type] E, [MESSAGE\_TEXT] “”

Ex. “PC\_RCV\_PART\_NO is mandatory”

“PC\_ORD\_INV\_QTY is >0” etc, follow value validation



1. **Surrounding System (Web API)**

|  |  |
| --- | --- |
| **HEADER** | |
| HTTP Method | POST |
| HTTP URI | api/Claims/api/PC/SaveClaimPCDMS |
| API Type | Multiple Array |
| Content-Type | application/json |
| Encoding | UTF-8 |

|  |  |  |  |
| --- | --- | --- | --- |
| **BODY** | | | |
| **Parameter** | **Tipe Data** | **Deskripsi** | **Mandatory** |
| outletCode | Varchar | Destination | YES |
| PoNo | Varchar | PO No | YES |
| VendorInvoiceNo | Varchar | Invoice No | YES |
| CaseNo | Varchar | Case No | YES |
| ClaimCode | Varchar | Claim Code | YES |
| Attachment | file | Doc, Picture, Video | YES |
| BAP | file | Doc, Picture, Video | YES |
| Notes | Varchar | Dealer Note | YES |
| MaterialNo | Varchar | Part No | YES |
| InvoiceQuantity | int | Inv Qty | YES |
| ReceivedQuantity | int | Rcv Qty | YES |
| MinusQuantity | int | Minus Qty | YES |
| PlusQuantity | int | Plus Qty | YES |
| NGQuantity | int | NG Qty | YES |
| OtherQuantity | int | Other Qty | YES |
| DealerNetPrice | Decimal | Sales Price | YES |
| TotalDealerNetPrice | Decimal | Total Sales Price | YES |
| DealerRequest | Decimal | Dealer Request | YES |
| PartClaimDMSNo | Varchar | Part Claim No DMS | YES |

Contoh Request:

{

"outletCode": "O.01",

"poNumber": "PO.01",

"vendorInvoceNumber": "VIN.01",

"caseNumber": "CN.01",

"claimCode": "CO",

"attachment": xlsx,

"bap": xlsx,

"notes": "NOTES.01",

"materialNumber": "MN.01",

"invoiceQuantity":1 0,

"receivedQuantity":1 1,

"minusQuantity":1 2,

"plusQuantity":1 3,

"ngQuantity":1 4,

"otherQuantity":1 5,

"dealerNetPrice":123,

"totalDealerNetPrice": 1234,

"dealerRequest": 1,

"partClaimDMSNumber":"PCDMS.01",

}

1. **Struktur Table**

Berikut ini struktur table data Claim PC

1. TB\_R\_PART\_CLAIM

| **Column Name** | **Data Type** | **Mandatory** | **Remark** |
| --- | --- | --- | --- |
| SID | Uniqueidentifier | YES | PrimaryKey |
| PC\_DEST\_CD | varchar(7) | YES |  |
| PC\_INV\_NO | varchar(6) | YES |  |
| PC\_ORD\_NO | varchar(8) | YES |  |
| PC\_CASE\_NO | varchar(8) | YES |  |
| PC\_DEALER\_REFF | varchar(10) | YES |  |
| PC\_TAM\_REFF | varchar(15) | NO |  |
| PC\_CLAIM\_DT | datetime | NO |  |
| PC\_DLV\_DT | datetime | NO |  |
| PC\_RCV\_DT | datetime | NO |  |
| PC\_SHIPPING\_DOC | varchar(7) | NO |  |
| PC\_PART\_LOC | varchar(10) | NO |  |
| PC\_ORD\_PART\_NO | varchar(15) | NO |  |
| PC\_RCV\_PART\_NO | varchar(15) | YES |  |
| PC\_CLAIM\_CD | varchar(3) | NO |  |
| PC\_ORD\_INV\_QTY | Numeric(7, 0) | YES |  |
| PC\_ORD\_RCV\_QTY | Numeric(7, 0) | YES |  |
| PC\_ORD\_MIN\_QTY | Numeric(7, 0) | YES |  |
| PC\_ORD\_PLUS\_QTY | Numeric(7, 0) | YES |  |
| PC\_ORD\_NG\_QTY | Numeric(7, 0) | YES |  |
| PC\_ORD\_OTH\_QTY | Numeric(7, 0) | YES |  |
| PC\_RCV\_INV\_QTY | Numeric(7, 0) | YES |  |
| PC\_RCV\_RCV\_QTY | Numeric(7, 0) | YES |  |
| PC\_RCV\_MIN\_QTY | numeric(7, 0) | NO |  |
| PC\_RCV\_PLUS\_QTY | numeric(7, 0) | YES |  |
| PC\_RCV\_NG\_QTY | numeric(7, 0) | YES |  |
| PC\_RCV\_OTH\_QTY | numeric(7, 0) | YES |  |
| PC\_DEALER\_NET\_PRC | numeric(9, 0) | YES |  |
| PC\_TTL\_DEALER\_PRC | numeric(9, 0) | NO |  |
| PC\_CLAIM\_AMT | numeric(9, 0) | YES |  |
| PC\_ORD\_DEALER\_REQ | varchar(3) | YES |  |
| PC\_RCV\_DEALER\_REQ | varchar(3) | YES |  |
| PC\_DEALER\_NT | varchar(150) | YES |  |
| PC\_PART\_PIC | varchar(150) | YES |  |
| PC\_BAP | varchar(150) | NO |  |
| PC\_SVP\_APP | varchar(10) | YES |  |
| PC\_SVP\_APP\_DT | datetime | YES |  |
| PC\_MN\_JUDGE\_CD | varchar(2) | YES |  |
| PC\_MN\_JUDGE\_DT | datetime | YES |  |
| PC\_TAM\_NT | varchar(150) | YES |  |
| PC\_TAM\_JUDGE\_CD | varchar(2) | YES |  |
| PC\_TAM\_JUDGE\_DT | datetime | NO |  |
| PC\_CUST\_TYPE | varchar(1) | YES |  |
| PC\_PART\_TYPE | varchar(1) | YES |  |
| PC\_PROBLEM\_CODE | varchar(3) | YES |  |
| STATUS | int | YES | Default = “0” for 1st claim |
| PC\_CA\_NO | Varchar(14) | NO | New column |
| CREATED\_BY | varchar(20) | NO |  |
| CREATED\_DATE | datetime | NO |  |
| UPDATED\_DATE | varchar(20) | NO |  |
| UPDATED\_By | datetime | NO |  |
| PREV\_PC\_TAM\_JUDGE\_CD | Varchar(2) | YES |  |
| PREV\_PC\_TAM\_JUDGE\_DT | datetime | YES |  |

# Approval

|  |  |  |  |
| --- | --- | --- | --- |
| **Vendor** | **User** | **PM** | **Management** |
|  |  |  |  |
| AGIT – Hikmat |  |  |  |
| Date: 16/02/2023 | Date : | Date: | Date: |

# History Perubahan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Change History** | | | | |
| **Date Modified** | **Modified By** | **Version No.** | **Type of Change** | **Brief Description of change** |
| 16/02/2023 | Hikmat | 1.0 | Initial | Draft |
| 25/02/2023 | Manama  Listiowati | 2.0 | Content | 1. UI Screen, Part file upload, title diganti Foto/Video.  2. Semua destination code akan menjadi 7 digits.  3. Qty claim ada validasi.  4. Table Dealer Request Code TB\_M\_DEALER\_CLAIM\_REQUEST akan diubah ke table TB\_M\_SYSTEM  5. Auto judgment diubah menjadi LT validation, jika sudah lewat dari LT maka Claim tidak bisa disubmit dan akan muncul rejection message. Validasi LT sudah tidak melihat ke TB\_M\_SYSTEM tapi ke master (baru) TB\_M\_CLAIM\_JUDGE\_LT, berdasarkan Customer Type/Depot Code/Claim Code.  6. Ada kolom tambahan pada table TB\_R\_PART\_CLAIM, yaitu kolom CLAIM\_STATUS, untuk 1st Claim Status akan terisi = 0. |
| 3 Maret 2023 | Untung S. | 2.0 | Revise Req. | Belum ada penjelasan, jika Claim Date sudah expired (melebihi LT Setting) maka submit claim akan tertolak (muncul rejection message). |
| 5 Maret 2023 | Hikmat | 2.1 | Revision | Refer to revise 2.0 |
| 12 Maret 2023 | Hikmat | 3.0 | Revision | Desc. File upload type (allow video).  Tambah kolom CA\_NO di tabel Part Claim |