Sales

# Overview

A sale is the [exchange](https://en.wikipedia.org/wiki/Trade) of a [commodity](https://en.wikipedia.org/wiki/Commodity) or [money](https://en.wikipedia.org/wiki/Money) as the [price](https://en.wikipedia.org/wiki/Price) of a [good](https://en.wikipedia.org/wiki/Good_%28economics%29) or a service. Sales is activity related to selling or the amount of sold goods or services in a given time period for a lot more money then it is worth.

After complete Sales Agreements, Production people arrange product for delivery and Commercial person arrange document for payment Collect.

# Business Process Model : Sales Operation



Figure -1.0(Sales Process)



Figure -1.1(Sales Process)

### 

Figure -1.2(Sales Entry)

### User Interface & Description

#### Sales Contract entry View

User open the following window (Figure: 1.0) for entry sales Contract.





User open the following window (Figure: 1.2) for Adjustment Settled of previous Sales(Sample)





User can add production and Delivery Specification and Production Guide line from above window (Figure: 1.3).



#### ExportSC

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | ExportSCID | Int | PK |
| 2 | ExportPIID | int |  |
| 4 | SCDate | DateTime |  |
| 11 | TotalQty | Decimal(30,17) |  |
| 12 | TotalAmount | Decimal(30,17) |  |
| 13 | AdjAmount | Decimal(30,17) |  |
| 14 | Amount\_PI | Decimal(30,17) |  |
| 15 | VersionNo | int |  |
| 16 | Note |  |  |
| 20 | ApproveBy | int |  |
| 21 | ApproveDate |  |  |
| 22 | Production\_ControlBy | int |  |
| 23 | Delivery\_ControlBy | int |  |
| 24 | AppLCOpenDate |  |  |
| 23 | AppDeliveryDate |  |  |
| 24 | Payment Terms |  |  |
| 17 | DBUserID |  |  |
| 10 | DBServerDateTime | DateTime |  |
| 9 | LastUpdateBy | Int |  |
| 10 | LastUpdateDateTime | DateTime |  |
|  | IsRevisePI |  |  |

#### ExportSCDetail

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | ExportSCDetailID | Int | PK |
| 2 | ExportSCID | int |  |
| 3 | ProductID | int |  |
| 4 | Qty | DateTime |  |
| 6 | MUnitID | int |  |
| 7 | UnitPrice | Decimal(30,17) |  |
| 8 | StyleNo |  |  |
| 9 | ColorInfo |  |  |
| 10 | BuyerRef | Decimal(30,17) |  |
| 11 | ExportPIDetailID | int |  |
| 12 | LastUpdateBy | Int |  |
| 13 | LastUpdateDateTime | DateTime |  |
| 14 | DBUserID | Int |  |
| 15 | DBServerDateTime | DateTime |  |

#### Production Order

User open the following window (Figure: 2.0.0) for view Sales contract (Pending Production Order)



#### Production Order

User open the following window (Figure: 2.1.0) for entry/View Production Order







# SampleOrder







#### Dyeing Order

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | DyeingOrderID | Int | PK |
| 2 | OrderNo | Varchar(100) |  |
| 3 | OrderDate | DateTime |  |
| 4 | ContractorID | Int | Mandatory |
| 5 | ContactPersonnelID | int |  |
| 6 | DeliveryToID | Int |  |
| 7 | DeliveryToContactPersonnelID | int |  |
| 8 | StyleNo | Varchar(500) |  |
| 9 | RefNo | Varchar(500) |  |
| 10 | Priority | S.Int | Enum PriorityLevel |
| 11 | LightSourchID | int |  |
| 12 | Note | Varchar(500) |  |
| 14 | ProductionOrderType | S.Int | Enum (PI,Sample,RnD) |
| 15 | PaymentType | int | Enum OrderPaymentType (Adjustment, Payment,,Foc) |
| 16 | IsDeliveryStop | bit |  |
| 17 | ExportPIID | int | If Order Type PI or Payment Type Adjustment |
| 18 | SampleInvoiceID | int | Default 0 (If Type Sample,RnD) |
| 19 | MKTEmpID | int | Mandatory |
| 20 | ApproveBy | int | Update during Approve |
| 21 | ApproveDate | DateTime | Update during Approve |
| 22 | ProductID | DateTime | Mandatory |
| 23 | LastUpdateBy | Int |  |
| 24 | LastUpdateDateTime | DateTime |  |
| 26 | DBUserID | int |  |
| 27 | DBServerDateTime | DateTime |  |
|  |  |  |  |

#### DyeingOrderDetailID

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | DyeingOrderDetailID | Int | PK |
| 2 | DyeingOrderID | int |  |
| 4 | LabDipDetailID | Int |  |
| 5 | ColorName | Varchar(500) |  |
| 6 | ColorNo |  |  |
| 7 | RGB | Varchar(500) |  |
| 8 | PantonNO | Varchar(500) |  |
| 9 | Shade | Varchar(500) |  |
| 10 | Qty | Decimal(30,17) |  |
| 11 | UnitPrice | Decimal(30,17) |  |
| 12 | IsTBA | bit |  |
| 13 | HankorCone | s.Int |  |
| 14 | BuyerCombo | Varchar(500) |  |
| 15 | Delivery Date | DateTime |  |
| 16 | Note | Varchar(500) |  |
| 17 | ApproveLotNo | Varchar(500) |  |
| 18 | BuyerRef | Varchar(500) |  |
| 19 | PTUID | int |  |
| 20 | Status | int |  |
| 21 | NoOfCone | varchar(50) |  |
| 22 | LengthOfCone | varchar(50) |  |
| 23 | NoOfCone\_Weft | varchar(50) |  |
|  | LengthOfCone\_Weft | varchar(50) |  |

# Sample Order revise rules:

Case 1.1: CashOrCheque to AdjustWithPI:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | cash already paid | 1. Calculate Yet To Production Order Qty of Sample Order  1. Calculate Yet To Production Order Qty of PI | 1. Need Invoice approve  2. party payable balance create. |
| 2 | Cash Yet Not paid | 1. Calculate Yet To Production Order Qty of Sample Order  1. Calculate Yet To Production Order Qty of PI | 1. Need Invoice approve |

Case1.2: CashOrCheque to AdjustWithNext LC

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | cash already paid | 1. Calculate Yet To Production Order Qty  2. During Adjustment settle must calculate production Scope of PI. | 1. Need Invoice approve  2. party payable balance create. |
| 2 | Cash Yet Not paid | 1. Calculate Yet To Production Order Qty  2. During Adjustment settle must calculate production Scope of PI. | 1. Need Invoice approve |

Case 1. 3 : CashOrCheque to FoC

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | cash already paid | Calculate Yet To Production Order . | 1. Need Invoice approve  2. Party payable balance create. |
| 2 | Cash Yet Not paid | Calculate Yet To Production Order . | 1. Need Invoice approve |

Case 2.1: AdjustWithPI to CashOrCheque:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | already PI Issue | Calculate Yet To Production Order . | 1. Need Invoice approve  2. Raise Production Scope of PI  3. Party Receivable balance create. |
|  |  |  |  |

Case2.2: AdjustWithPI to AdjustWithNext LC

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | already PI Issue( here impact Two PI) | Calculate Yet To Production Order . | 1. Need Invoice approve  2. Raise Production Scope of Old PI .  3. Decrease Production Scope of New PI (During Adjustment) |
|  |  |  |  |

Case2. 3: AdjustWithPI to FoC

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | already PI Issue | Calculate Yet To Production Order . | 1. Need Invoice approve  2.Raise Production Scope of PI .  3. Party Receivable and Payable balance create. |
|  |  |  |  |

Case 3.1: to AdjustWithNext LC to CashOrCheque

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | Yet not attach with PI | 1. Calculate Yet To Production Order . | 1. Need Invoice approve  2. Party Receivable balance create. |
|  | Already Attach with PI | 1. Calculate Yet To Production Order .  2. Calculate Yet To Production Order of PI . | 1. Check Production Scope Of PI  2. Need Invoice approve.  3. Party Receivable balance create. |

Case3.2: to AdjustWithNext LC To AdjustWithPI

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | Yet not attach with PI | 1. Calculate Yet To Production Order .  2. Calculate Yet To Production Order of PI . | 1. Need Invoice approve  2. Decrease Production Scope of New PI . |
| 2 | Already Attach with PI | Calculate Yet To Production Order . | 1. Need Invoice approve  2. Raise Production Scope of Old PI .  3. Decrease Production Scope of New PI (During Adjustment) |
|  |  |  |  |

Case 3.3 : AdjustWithNext LC to FoC

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | Yet not attach with PI | 1. Calculate Yet To Production Order . | 1. Need Invoice approve  3. Party Receivable and Payable balance create. |
|  | Already Attach with PI | 1. Calculate Yet To Production Order .  2. Calculate Yet To Production Order of PI . | 1. Need Invoice approve  2. Raise Production Scope of Old PI .  3. Party Receivable and Payable balance create. |

Case 4.1: Foc to CashOrCheque

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | cash already paid | 1. Calculate Yet To Production Order . | 1. Need Invoice approve  2. party payable balance create  3. Need Payment Return |
|  | Yet Not Paid | 1. Calculate Yet To Production Order . | 1. Need Invoice approve |

Case4.2: FOC to AdjustWithNext LC

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | Yet not attach with PI | 1. Calculate Yet To Production Order .  2. Calculate Yet To Production Order of PI . | 1. Need Invoice approve |
| 2 | Already Attach with PI | 1. Calculate Yet To Production Order .  2. Calculate Yet To Production Order of PI . | 1. Need Invoice approve.  2. Decrease Production Scope of New PI (During Adjustment) |
|  |  |  |  |

Case 4.3 : FoC To Attach With PI

|  |  |  |  |
| --- | --- | --- | --- |
|  | Condition | Order and Production Control | Financial control |
| 1 | Already PI Issue | 1. Calculate Yet To Production Order .  2. Calculate Yet To Production Order of PI . | 1. Need Invoice approve.  2. Increase Production Scope of PI |
|  |  |  |  |

# Production order /Sale order /Work order for Textile Dyeing Unit:

Sale person receive following order from buyer and forward to production.

1. **LabDipOrder:**

**2.Sample Order:**

1. Mkt person receive Sample Order from Buyer for sample dyeing. Those orders payment settled by Cash or Cheque, Foc otherwise adjust with next L/C.

3. **Bulk Order**

Buyer want PI for bulk order.

4. **Dyeing Only**

As like Bulk Order. PI issue for Dyeing charge.

5. **Claim Order**

Buyer give claim against sample, Bulk or other order. its may i. **Short claim , ii. Replacement** claim ,iii. Other (Buyer) region.

6. **Sampling (RnD Sample)**

RnD purpose Dyeing unit submit a order for production. There is no financial effect (PI,Invoice,LC) against this order.

7. **Sale Order**:

Without PI Mkt person receive sale order from buyer and forward this to production unit for production. those order's payment settled after delivery or after Delivery order by Bill. those bill adjust during PI issue or Cash-Cheque.

**8. Loan Order:**

This is also non-payment order. Company can Loan request from This order and Receive Loan Product (By Production Guide Line) . and Issue DO and then Challan for Return Loan.

9. **Re-Coning** : This order for Hydro, Dryer , Soft winding ,Hard winding. This is no Dyeing Order.

**10. Twisting Order:** This order for **yarn Twist: It may Bulk Order and Sample Order. This is no Dyeing Order.**

Dyeing Production Type Following

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL** | **Short Name** | **Meaning** |  |  |
| 1 | CK | Knit (All Dyeing) |  |  |
| 2 | CS | Soft wending |  |  |
| 3 | CD | Dryer |  |  |
| 4 | CDT | Dryer and Twisting |  |  |
| 5 | CR | Reckoning |  |  |
| 6 | CW | Wending |  |  |
| 7 | CT | Twisting |  |  |

1. Knitting

2. Soft wending

3. Dryer

4. Hydro

5. Twisting

6.Hard Wending

#### DUOrderSetup

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | DUOrderSetupID | Int | PK |
| 2 | OrderType | S. int |  |
|  |  |  |  |
| 4 | NoCode | Varchar(500) |  |
| 5 | OrderName |  |  |
| 6 | PrintName | Varchar(500) |  |
| 7 | Activity | bit |  |
| 8 | IsPIMendatory | bit |  |
| 9 | PrintNo | int |  |
| 10 | SignatureOne | varchar(500) |  |
| 10 | SignatureTwo | Varchar(500) |  |
| 11 | SignatureThree | Varchar(500) |  |
| 12 | SignatureFour | Varchar(500) |  |
| 13 | NoteFixed | Varchar(500) |  |
|  | IsApplyOutside |  |  |

Add new Field In Dyeing Order

#### DyeingOrder

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | IsInHouse | bit | PK |
| 2 |  |  |  |
|  |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |
| 9 |  |  |  |
| 10 |  |  |  |

#### DUDyeing Step

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | IsInHouse | bit | PK |
| 2 |  |  |  |
|  |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |
| 9 |  |  |  |
| 10 |  |  |  |

------------------------------------------

# Order Sequence & Number format (PTL):

**Out Side**

|  |  |  |  |
| --- | --- | --- | --- |
| **Order Type** | **Process Type** | **Number Format** |  |
| Sample | Yarn Dyeing | CK 17-0001 | What about CS /CK |
| Bulk |
|  | Re-Coning(Soft&Hard Winding),  Hydro, Dryer | Winding: CW  Hydro |  |
| Sample | Twisting | CW 17-0001 |  |
| Bulk |  |  |
| Claim |  |  |  |
|  |  |  |
| Claim Order | Yarn Dyeing | CK 17-0001 |  |
| Claim Order | Re-Coning(Soft&Hard Winding),  Hydro, Dryer |  |  |
| Claim Order | Twisting | CW 17-0001 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Process Type** | **Order Type** | **Process Name** | **Number Format(Out)** | | **Number Format(In)** | |
| Yarn Dyeing | Sample | Sweater | CS | Combine No |  | Combine |
| Knitting | CK |
| BUlk | Sweater | CS |
| Knitting | CK |
| Claim Order | Buyer Demand | CR | Combine |  | Combine |
| Re-Coning  (Soft &Hard Winding),  Hydro, Dryer )  (All are Service ) | Sample | Hydro |  |  |  |  |
| Dryer | CD |
| Winding | CW |
|  |  |
| Bulk | Hydro |  | Combine |  | Combine |
| Dryer | CD |
| Winding | CW |
| Claim Order | Not Need |  |
| Twisting | Sample | Twisting | CDT |  |  | |
| Bulk |
| Claim Order | Not Need |  |  |  | |
|  |  |  |  |  |  | |
|  |  |  |  | |  | |
|  |  |  |  | |  | |
|  |  |  |  | |  | |
|  |  |  |  | |  | |

## DUDyeingType

### Business Constraints

EumDyeingType :None=0, Hank=1, Cone=2, Package=3, SpaceDyeing=4

## DUDyeingType

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | DUDyeingTypeID | int | \* |
| 2 | DyeingType | smallint | EumDyeingType |
| 3 | Name | smallint |  |
| 4 | Activity | bit |  |
| 5 | DBUserID | int |  |
| 6 | DBServerDateTime | DateTime |  |

## DUDyeingTypeMapping

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | DyeingTypeMappingID | int | \* |
| 2 | DyeingType | smallint | EumDyeingType |
| 3 | ProductID | int | FK |
| 4 | Unit | Dec(30,17) |  |
| 5 | DBUserID | int |  |
| 6 | DBServerDateTime | DateTime |  |



## LotBaseTest

### Business Constraints

## LotBaseTest

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | LotBaseTestID | int | \* |
|  | BUID | int |  |
| 3 | Name | smallint |  |
| 4 | Activity | bit |  |
| 5 | DBUserID | int |  |
| 6 | DBServerDateTime | DateTime |  |

## LotBaseTestResult

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| **1** | LotBaseTestResult | **int** | **PK** |
| 2 | LotBaseTestID | int | FK |
| 3 | LotID | int | FK |
| 4 | Qty | Dec(30,17) |  |
| 5 | Note |  |  |
| 6 | DBUserID | int |  |
| 7 | DBServerDateTime | DateTime |  |

**Claim Order Setup**

## ClaimReason

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| **1** | ClaimReasonID | **int** | **PK** |
|  | BUID | **int** | **Fk** |
| 2 | Name | Varchar(500) |  |
| 4 | OperationType | s.int | EnumClaimOperationType(None=0,Export=1,Import=2) |
| 5 | Note | Varchar(500) |  |
| 3 | Activity | bit |  |
| 6 | DBUserID | int |  |
| 7 | DBServerDateTime | DateTime |  |

**Function**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Parameter |  |  |
| Get | ID |  |  |
| Gets |  | All |  |
|  |  |  |  |
| GetsByType | EnumClaimOperationType | Only Active |  |

## ImportClaim



## ImportClaim

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| **1** | ImportClaimID | **int** | **PK** |
| **2** | ImportInvoiceID | **int** | **Fk** |
| 3 | IssueDate | DateTime |  |
| 4 | ClaimNo | Varchar(200) |  |
| 5 | ClaimReasonID | int | Fk |
| 6 | Note | Varchar(500) |  |
| 7 | SettleBy | int | Qty, Value |
| 8 | RequestBy | int |  |
| 9 | RequestDate | DateTime |  |
| 10 | ApproveBy | int |  |
| 11 | ApproveDate | DateTime |  |
| 12 | LastUpdateBy | int |  |
| 13 | LastUpdateDateTime | DateTime |  |
| 14 | DBUserID | int |  |
| 15 | DBServerDateTime | DateTime |  |
|  |  |  |  |

## ImportClaimDetail

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| **1** | ImportClaimID | **int** | **PK** |
| **2** | ImportClaimDetailID | **int** | **Fk** |
| 3 | ProductID | int |  |
| 4 | Qty | Dec(30,17) |  |
| 5 | UnitPrice | Dec(30,17) |  |
| 6 | Note | Varchar(500) |  |
| 12 | DBUserID | int |  |
| 13 | DBServerDateTime | DateTime |  |
|  |  |  |  |

## Order Setup

This is a configuration for any Company. Any Kind of dyeing production Order, Our system know as Dyeing Order. But Different company know it's different name. ( For example- Dyeing execution Order -ATML, Dyeing order-EYDL, Bulk Production -BYDL, Dyeing work order -PTL etc) . We can configure here all kind of order.

|  |  |  |
| --- | --- | --- |
| **field Text** | **Known Text** | **Description** |
| NoCode | **Code No** |  |
| OrderType |  |  |
| OrderName | **Order Name** |  |
| DONoCode  ShortName | **Short Name** |  |
| PrintName | **Print Name** |  |
| PrintNo | **Print Type** |  |
| NoteFixed |  |  |
| Activity |  |  |
| IsPIMendatory |  |  |
| IsApplyOutside |  |  |
| IsRateMendatory |  |  |
| IsInvoiceMendatory |  |  |
| IsApplyDyeingStep |  |  |
| BUID |  |  |

**Order Type:** Our System Provide following Order Type

|  |  |  |
| --- | --- | --- |
| **Order Name** | **Description** | **Payment Settle By** |
| SampleOrder | Sample Production | Any Payment Type |
| BulkOrder | This order create against a PI. | LC |
| DyeingOnly | This order create against a PI. This for Service Dyeing. | LC |
| ClaimOrder | This type of order create against another Order if have any claim. | Without Payment Type |
| Sampling | This for RnD. Company can send a production for RnD purpose. | Without Payment Type |
| SaleOrder | It's Like Bulk but its payment settle after issue Delivery Challan. | Any Payment Type |
| Loan Order | Yarn Receive for loan purpose from another company and return against this order | Without Payment Type |
|  |  |  |

**Dyeing Step:**

|  |  |  |
| --- | --- | --- |
| **Name** |  |  |
| Knitting\_CK | For Dyeing |  |
| Knitting\_CS | For Sweater Type Yarn Dyeing |  |
| Dyeing | For In House Order submit from Lab for Fabric |  |
| Wending | Only Wending |  |
| Dryer | Only Hydro |  |
| Twisting | Only Twisting |  |
| Dryer\_Winding | Hydro and Twisting |  |
|  |  |  |

## Inventory

Following Store create for Dyeing unit.

|  |  |  |  |
| --- | --- | --- | --- |
| **Store Name** | **Containing Store** | **In** | **Out** |
| Raw yarn Store | Gray Yarn | By Import Invoice  By Local Invoice  BY SRM | By SRS |
| Buyer Store |  | Service Dyeing | By SRS |
| Soft winding Store | Gray Yarn | BY SRS | BY Production |
| Twisting Store | Gray and Dyed Yarn | BY SRS | BY SRS |
| Hard winding | Dyed Yarn |  |  |
| Delivery Store | Dyed Yarn |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Store Requisition Slip**

SRS(Store Requisition Slip ) create against Production order (In or out side Dyeing Order).

This operation as like Transfer requisition Slip.

**Store Return Memo**

This is reverse process of SRS.

## FabricPOSetup

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | FabricPOSetupID | Int | PK |
| 2 | NoCode | Varchar(500) |  |
| 3 | OrderName | Varchar(500) |  |
| 4 | POPrintName | Varchar(500) |  |
| 5 | FabricCode | Varchar(500) |  |
| 6 | Activity | bit |  |
| 7 | PrintNo | int |  |
|  | CurrencyID | int |  |
| 8 | DBUserID | int |  |
| 9 | DBServerDateTime | DateTime |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## FabricOrderType

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | FabricOrderTypeID | Int | PK |
| 2 | FabricOrderType | S.int | EnumFabricRequestType |
| 3 | OrderName | Varchar(500) |  |
| 4 | POPrintName | Varchar(500) |  |
| 5 | CodeNo | Varchar(500) |  |
| 6 | CodeName | Varchar(500) |  |
| 7 | Activity | bit |  |
| 8 | PrintNo | sint |  |
| 9 | ComboNo | int |  |
| 10 | DBUserID | int |  |
| 11 | DBServerDateTime | DateTime |  |
| 12 | CodeNo\_Lab | Varchar(500) |  |
| 13 | CodeName\_Lab | Varchar(500) |  |
|  | IsApplyPO |  |  |
|  |  |  |  |

# MUSHAK Print

over view: For every Delivery Challan , Commercial person prepare MUSHAK.





## MUSHAK

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | MushakID | Int | PK |
|  | SLNo | int |  |
| 5 | BUID | int |  |
| 2 | ChallanDate | DateTime |  |
| 3 | DisburseDate | DateTime |  |
| 4 | ContractorID | int | Fk |
| 5 | ExportPIID | int |  |
| 6 | VehicleTypeID | int |  |
| 7 | VehicleNo | Varchar(500) |  |
| 8 | ChallanID | int |  |
|  | ChallanNo | Varchar(500) |  |
| 9 | PrintedByID | int | Update during Confirm print |
| 10 | PrintDate | DateTime | Update during Confirm print |
| 11 | CurrencyID | int |  |
| 12 | DBUserID | int |  |
| 13 | DBServerDateTime | DateTime |  |
| 14 | Destination |  |  |
|  |  |  |  |
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|  |  |  |  |

## MUSHAKDetail

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | MushakIDetailD | Int | PK |
| 2 | MushakID | Int | PK |
| 3 | ProductID | int |  |
| 4 | Constraction | Varchar(500) |  |
| 5 | Qty | Dec(30,17) |  |
| 6 | MunitID | int |  |
| 7 | UnitPrice | Dec(30,17) |  |
| 8 | Note | Varchar(500) |  |
| 12 | DBUserID | int |  |
| 13 | DBServerDateTime | DateTime |  |

# Export Incentive

In order to encourage exports in accordance with the export-led economic growth strategy of the country, the Government of Bangladesh provides export incentives to selected export sectors. The sectors to enjoy such cash incentives and the respective rates to be provided are updated every year through circulars issued by Bangladesh Bank.

After export Bill realized beneficiary company receive incentive.

step 1: Receive PRC(Proceed Realization Certificate)

step2: Application issue

step3: Confirm BTMA

step4: Audit Confirm

step5: Confirm BTMA





## ExportIncentive

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | ExportIncentiveID | Int | PK |
| 2 | ExportLCID | int |  |
| 3 | ExportBillID | int |
| 4 | PRCDate | DateTime | Update during receive PRC Date |
| 5 | PRCCollectBy | int |
| 6 | Application Date | DateTime | Update during Application issue |
| 7 | ApplicationBy | int |
| 8 | BTMA issueDate | DateTime | Update during BTMA issue |
| 9 | BTMAIssueBy | int |
| 10 | AuditCertDate: | DateTime | Update during Audit |
| 11 | AuditCertBy | int |
| 12 | RealizedDate | DateTime | Update during Realized |
| 13 | RealizedBy | int |
| 14 | Amount\_Realized | Varchar(500) |
| 14 | CurrencyID\_Real | int |
| 12 | DBUserID | int |  |
| 13 | DBServerDateTime | DateTime |
|  |  |  |  |
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## NOASignatoryComment

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | NOASignatoryCommentID | Int | PK |
| 2 | NOADetailID | int |  |
| 3 | PQDetailID | int |
| 4 | Comment | Var(500) |  |
| 5 | IsLock | bit |
| 6 | DBUserID | int |  |
| 7 | DBServerDateTime | DateTime |

## NOASignatory

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | NOASignatoryID | Int | PK |
| 2 | NOAID | int |  |
| 3 | SLNo | int |  |
| 4 | ReviseNo | int |  |
| 5 | RequestTo | int |  |
| 6 | ApproveBy | int |  |
| 7 | ApproveDate | DateTime |
| 8 | IsReqForRevise | bit |
| 9 | DBUserID | int |  |
| 10 | DBServerDateTime | DateTime |

# Export BTMA Certificate Print

## BTMA

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
|  | BTMAID | **int** |  |
| 1 | ExportLCID | Int | PK |
| 2 | ExportBillID | int |  |
| 3 | BankName, BranchName | int |
| 4 | InvoiceDate | Var(500) |  |
| 5 | DeliveryDate | bit |
| 6 | SupplierID | int |  |
| 7 | ImportLCNo | DateTime |
| 8 | ImportLCDate |  |  |
| 9 | MasterLCNos |  |  |
| 10 | MasterLCDates |  |  |
| 11 | GarmentsQty |  | Update after Print and |
| 12 | PrintBy |  |
| 13 | PrintDate |  |  |
| 14 | Amount |  |  |
| 15 | DBUserID |  |  |
| 16 | DBServerDateTime |  |  |
| 17 | LastUpdateBy |  |  |
| 18 | LastUpdateDateTime |  |  |
| 19 | ImportLCID |  |  |
|  | DeliveryDate |  |  |
|  | DeliveryChallanNo |  |  |
|  | MushakNo |  |  |
|  | MushakDate |  |  |
|  | GatePassNo |  |  |
|  | GatePassDate,  PrintLetterSetupID |  |  |

## BTMADetail

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | BTMAID |  |  |
| 2 | BTMADetailID |  |  |
| 3 | ProductID | Int | PK |
| 4 | ProductName | Var(500) |  |
| 5 | Qty |  |  |
| 6 | MUnitID |  |  |
| 7 | UnitPrice |  |  |
| 8 | DBUserID |  |  |
| 9 | DBServerDateTime |  |  |
| 10 | LastUpdateBy |  |  |
| 11 | LastUpdateDateTime |  |  |

## ExportBTMASetup

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | ExportMTMASetupID | Int | PK |
| 2 | TopMargin | int |  |
| 3 | BTMAType | int |  |
| 17 | LastUpdateBy | int |  |
| 18 | LastUpdateDateTime | DateTime |
| 9 | DBUserID | int |  |
| 10 | DBServerDateTime | DateTime |

## ExportBTMASetupDetail

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | ExportMTMASetupDetailID | int |  |
| 2 | ExportMTMASetupID | int |  |
| 3 | SLNo | int |  |
| 4 | FixedHight | Int |  |
| 5 |  |  |  |
| 6 | TableColumn | int |  |
| 7 | FontSize | Float |  |
| 8 | IsProduct |  |  |
| 9 | LastUpdateBy | int |  |
| 10 | LastUpdateDateTime | DateTime |
| 11 | DBUserID | int |  |
| 12 | DBServerDateTime | DateTime |

DocPrintEngine

## DocPrintEngine

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1. 1 | DocPrintEngineID | Int | PK |
| 1. 2 | LetterType | smallint |  |
| 1. 3 | PageSize | varchar | Height,Width |
| 1. 4 | Margin | varchar | top,bottom,left,right |
| 1. 5 | FontName | varchar | "Times New Roman"/"Tahoma" |
| 1. 6 | LastUpdateBy | int |  |
| 1. 7 | LastUpdateDateTime | DateTime |
| 1. 8 | DBUserID | int |  |
| 1. 9 | DBServerDateTime | DateTime |

## DocPrintEngineDetail

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
|  | DocPrintEngineDetailID | int |  |
|  | DocPrintEngineID | int |  |
|  | SLNo | int | 1/2/4 |
|  | SetWidths | varchar | 60,350,100,85 |
|  | SetAligns | varchar | Left,left,right,center //"Default=left" |
|  | SetFields | varchar | "",@MLCNO,"",@Date // " @FMILL;"AKIJ FACTORY~FONT:10" " |
|  | FontSize | varchar | 10 / (10,8,10,10) |
|  | RowHeight | int | 10 |
|  | TableName | varchar | @YARN // @FABRIC |
|  | LastUpdateBy | int |  |
|  | LastUpdateDateTime | DateTime |
|  | DBUserID | int |  |
|  | DBServerDateTime | DateTime |

# Order Wise Lot Distribution(Raw and Buyer Lot)

For Outside orders as per buyer request Lot may exchange one order to another order(s) .

And for Inside Order(s) a particular man assign Raw Lot and Distribute lot on Order.

We manage it for Finished Goods Color wise and Dyeing order detail wise. But here it different case raise, It manage Raw Product wise not color wise.

|  |  |  |  |
| --- | --- | --- | --- |
| **Lot No** | **Balance** | **Order No** |  |
| Lot | 500 | 1/18 | 150 |
| 3/18 | 150 |
| 13/18 | 100 |
| 4/18 | 100 |
| **Total** | **500** |  | **500** |

Never Add Duplicate record



For outside order

## LotParent

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | LoTParentID | int |  |
| 2 | ParentType | int |  |
| 3 | LotID | int |  |
| 4 | ParentID | Varchar(500) |  |
| 5 | UnitPrice | Varchar(500) |  |
| 6 | CurrencyID | Int |  |
| 7 | UnitPriceBC | int |  |
| 8 | CurrencyIDBC | Varchar()500 |  |
| 9 | Note | int |  |
| 10 | DBUserID | int |  |
| 11 | DBServerDateTime | Int |  |
| 12 | DyeingOrderID | int |  |
| 13 | ProductID | int |  |
|  | Qty |  |  |
| 12 | Balance |  |  |
|  | IsDistribute | bit |  |

Lot Balance Update (Increase or decrease )

|  |  |  |
| --- | --- | --- |
| **Operation** | **Store Procedure** | **Description** |
| Out Party Yarn Receive |  | Default insert a record . Same Lot Balance |
|  |  |  |
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|  |  |  |

## ExportClaimSettle

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | ExportClaimSettleID | int |  |
| 2 | InoutType | Sint | Add or Deduct |
| 3 | Name | Var(500) |  |
| 4 | Amount | Dec(30,17) |  |
|  | CurrencyID | int |  |
| 5 | ExportBillID | int |  |
| 6 | LastUpdateBy | int |  |
| 7 | LastUpdateDateTime | DateTime |  |
| 8 | DBUserID | int |  |
| 9 | DBServerDateTime | Int |  |
| 10 |  |  |  |
| 11 |  |  |  |
| 12 |  |  |  |
| 12 |  |  |  |
| 13 |  |  |  |
|  |  |  |  |
| 12 |  |  |  |
|  |  |  |  |

## FabricStatus

|  |  |  |  |
| --- | --- | --- | --- |
| **SL** | **Field Name** | **Type & Size** | **Description** |
| 1 | FabricStatusID | int |  |
| 2 | FabricID | int |  |
| 3 | EntryDate | Datetime |  |
| 4 | Note | Varchar(500) |  |
| 5 | RateOffer | Dec(30,17) |  |
| 6 | RateBuyer | Dec(30,17) |  |
| 7 | RateNego | Dec(30,17) |  |
| 8 | DBUserID | int |  |
| 9 | DBServerDateTime | Int |  |
| 10 | LastUpdateBy | int |  |
| 11 | LastUpdateDateTime | DateTime |  |
|  |  |  |  |
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One user can edit or delete only his/her data.

Can entry and view by Rate view permission (Fabric, RateView )