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1) Setup

a) Accounts

- i) Group
- ii) Sub-Group
- iii) Control
- iv) Subsidiary
- v) Accounts
- vi) Cash / Bank Identify

b) Product

- i) Measurement
- ii) Size
- iii) Style
- iv) Color
- v) Capacity
- vi) Brand
- vii) Unit Type
- viii) Group
- ix) Sub-Group
- x) Category
- xi) Product

c) Price

- i) Type
- ii) Price

d) Designation

e) Profession

f) Bank

g) Employee

h) Customer

- i) Group
- ii) Customer

i) Supplier

i) **Group**

ii) **Supplier**

j) **Template**

i) **Header**

ii) **Terms & Conditions**

iii) **Other**

iv) **Project**

v) **Location**

vi) **Transport**

vii) **Transport Type**

2) Task

a) **Purchase**

i) **Item Requisition**

Form Activities:

Table Lists:

Task_ItemRequisitionNos (Insert - Operation)			
Id	uniqueidentifier	Not null	Primary key of the table
RequisitionNo	varchar(50)	Not null	Last generated requisition no will keep here. Unique as per company.
Year	Bigint	Not null	Year of generated requisition no.
CompanyId	Bigint	Not null	Company Id of the generated requisition no. Foreign key of Setup_Company table.
Task_ItemRequisition (Insert - Operation)			
RequisitionId	Uniqueidentifier	Not null	Primary key of the table
RequisitionNo	varchar(50)	Not null	Requisition no of saved Item Requisition. Unique as per company.
RequisitionDate	Datetime	Not null	Date of saved Item Requisition.
RequestedBy	Bigint	Not null	Employee of the company who requested Items. Foreign key of Setup_Employee table.
Remarks	varchar(1000)	Null	Some note or comments of current Item Requisition.
IsSettled	Bit	Not null	Default false . Will be true if fully settled by item's quantity from Requisition Finalize entry form.
Approved	varchar(1)	Not null	Default N . Will be C by cancel or A by approve.
ApprovedBy	Bigint	Null	Update by logged user Id after cancelling or approving. Foreign key of Security_User table.

ApprovedDate	Datetime	Null	Update by system date and time after cancelling or approving.
CancelReason	varchar(200)	Null	Update by comment or reason after cancelling.
LocationId	Bigint	Not null	Logged location. Foreign key of Setup_Location table.
CompanyId	Bigint	Not null	Logged company. Foreign key of Setup_Company table.
EntryBy	Bigint	Not null	Logged user. Foreign key of Security_User table.
EntryDate	Datetime	Not null	System date and time.
Task_ItemRequisitionDetail (Insert - Operation)			
RequisitionDetailId	Uniqueidentifier	Not null	Primary key of the table.
RequisitionId	Uniqueidentifier	Not null	Id of Item Requisition. Foreign key of Task_ItemRequisition table.
ProductId	Bigint	Not null	Product id of Item Requisition. Foreign key of Setup_Product table.
ProductDimensionId	Bigint	Null	Dimension Id of the product if dimension select for the product. Foreign key of Setup_ProductDimension table.
UnitTypeId	Bigint	Not null	Selected unit type Id of the product. Foreign key of Setup_UnitType table.
Quantity	numeric(18, 4)	Not null	Default 0 . Given quantity of the product.
FinalizedQuantity	numeric(18, 4)	Not null	Default 0 . Quantity will increase up to Quantity from Requisition Finalize entry form. Will decrease by cancel as per Requisition Finalize's quantity.
RequiredDate	Datetime	Null	When product is required.
Reason	varchar(500)	Null	Comments why the product is required.

For Item Requisition no generate:

Configuration_OperationalEvent	
EventName	Purchase
SubEventName	ItemRequisition

- Also based on location and company.

Operational Steps:

- Insert operation done in **Task_ItemRequisitionNos**, **Task_ItemRequisition** and **Task_ItemRequisitionDetail** tables.

ii) Requisition Finalize

Form Activities:

Table Lists:

Task_RequisitionFinalizeNos (Insert - Operation)			
Id	uniqueidentifier	Not null	Primary key of the table
RequisitionNo	varchar(50)	Not null	Last generated requisition finalize no will keep here. Unique as per company.
Year	Bigint	Not null	Year of generated requisition finalize no.
CompanyId	Bigint	Not null	Company Id of the generated requisition finalize no. Foreign key of Setup_Company table.
Task_RequisitionFinalize (Insert - Operation)			
RequisitionId	Uniqueidentifier	Not null	Primary key of the table
RequisitionNo	varchar(50)	Not null	Requisition no of saved Requisition Finalize. Unique as per company.
RequisitionDate	Datetime	Not null	Date of saved Requisition Finalize.
RequisitionBy	Bigint	Not null	Employee of the company who made requisition. Foreign key of Setup_Employee table.
Remarks	varchar(1000)	Null	Some note or comments of current Requisition Finalize.
IsSettled	Bit	Not null	Default false . Will be true if fully settled by item's quantity from Purchase Order entry form.
Approved	varchar(1)	Not null	Default N . Will be C by cancel or A by approve.
ApprovedBy	Bigint	Null	Update by logged user Id after cancelling or approving. Foreign key of Security_User table.
ApprovedDate	Datetime	Null	Update by system date and time after cancelling or approving.
CancelReason	varchar(200)	Null	Update by comment or reason after cancelling.
LocationId	Bigint	Not null	Logged location. Foreign key of Setup_Location table.
CompanyId	Bigint	Not null	Logged company. Foreign key of Setup_Company table.
EntryBy	Bigint	Not null	Logged user. Foreign key of Security_User table.
EntryDate	Datetime	Not null	System date and time.
Task_RequisitionFinalizeDetail (Insert - Operation)			
RequisitionDetailId	Uniqueidentifier	Not null	Primary key of the table.
RequisitionId	Uniqueidentifier	Not null	Id of Requisition Finalize. Foreign key of Task_RequisitionFinalize table.
ItemRequisitionId	Uniqueidentifier	Null	Item Requisition Id. Foreign key of Task_RequisitionFinalize table.
ProductId	Bigint	Not null	Product id of Item Requisition. Foreign key of Setup_Product table.
ProductDimensionId	Bigint	Null	Dimension Id of the product if dimension select for the product. Foreign key of Setup_ProductDimension table.
UnitTypeId	Bigint	Not null	Selected unit type Id of the product. Foreign

			key of Setup_UnitType table.
Quantity	numeric(18, 4)	Not null	Default 0 . Given quantity of the product.
OrderedQuantity	numeric(18, 4)	Not null	Default 0 . Quantity will increase up to Quantity from Purchase Order entry form. Will decrease by cancel as per Purchase Order's quantity.
Task_ItemRequisitionDetail (Update - Operation)			
FinalizedQuantity	Add quantity with previous finalized quantity.		
Task_ItemRequisition (Update - Operation)			
IsSettled	Set as true if fully done by Requisition Finalize of all products of specific Item Requisition. Otherwise false .		

For Item Requisition Finalize no generate:

Configuration_OperationalEvent	
EventName	Purchase
SubEventName	RequisitionFinalize

- Also based on location and company.

Operational Steps:

- Insert operation done in **Task_RequisitionFinalizeNos**, **Task_RequisitionFinalize** and **Task_RequisitionFinalizeDetail** tables.
- Update operation done in **Task_ItemRequisitionDetail** table. Add quantity with previous finalized quantity up to Item Requisition quantity.
- Update operation done in **Task_ItemRequisition** table. Check quantity of all products that is fully done by Requisition Finalize of specific Item Requisition. If fully done then set as **true** otherwise **false** in **IsSettled** column.

iii) Purchase Order

iv) Goods Receive

v) Receive Finalize

Form Activities:

Table Lists:

Task_RequisitionFinalizeNos (Insert - Operation)			
Id	uniqueidentifier	Not null	Primary key of the table

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RequisitionNo	varchar(50)	Not null	Last generated requisition finalize no will keep here. Unique as per company.
Year	Bigint	Not null	Year of generated requisition no.
CompanyId	Bigint	Not null	Company Id of the generated requisition no. Foreign key of Setup_Company table.
Task_RequisitionFinalize (Insert - Operation)			
FinalizeId	Uniqueidentifier	Not null	Primary key of the table
FinalizeNo	varchar(50)	Not null	Finalize no of saved Requisition Finalize. Unique as per company.
FinalizeDate	Datetime	Not null	Date of saved Requisition Finalize.
SupplierId	Bigint	Not null	Selected supplier Id. Foreign key of Setup_Supplier table.
SelectedCurrency	varchar(5)	Not null	Currency like BDT, USD etc. which is selected at the time of save Requisition Finalize.
FinalizeAmount	numeric(18, 4)	Not null	Default 0 . Total amount of the Requisition Finalize. It will be treated as primary currency based amount.
Finalize1Amount	numeric(18, 4)	Not null	Default 0 . Total amount of the Requisition Finalize which is converted by secondary currency rate. It will be treated as secondary currency based amount.
Finalize2Amount	numeric(18, 4)	Not null	Default 0 . Total amount of the Requisition Finalize which is converted by tertiary currency rate. It will be treated as tertiary currency based amount.
Approved	varchar(1)	Not null	Default N . Will be C by cancel or A by approve.
ApprovedBy	Bigint	Null	Update by logged user Id after cancelling or approving. Foreign key of Security_User table.
ApprovedDate	Datetime	Null	Update by system date and time after cancelling or approving.
CancelReason	varchar(200)	Null	Update by comment or reason after cancelling.
VoucherId	Uniqueidentifier	Null	Auto generated voucher will be saved after approve according to voucher configuration. Foreign key of Task_Voucher table.
IsSettled	Bit	Not null	Default false . Will be true if fully settled by item's quantity from Requisition Finalize entry form.
LocationId	Bigint	Not null	Logged location. Foreign key of Setup_Location table.
CompanyId	Bigint	Not null	Logged company. Foreign key of Setup_Company table.
EntryBy	Bigint	Not null	Logged user. Foreign key of Security_User table.
EntryDate	Datetime	Not null	System date and time.
Task_RequisitionFinalizeDetail (Insert - Operation)			
RequisitionDetailId	Uniqueidentifier	Not null	Primary key of the table.
RequisitionId	Uniqueidentifier	Not null	Id of Item Requisition. Foreign key of Task_ItemRequisition table.
ProductId	Bigint	Not null	Product id of Item Requisition. Foreign key of Setup_Product table.

ProductDimensionId	Bigint	Null	Dimension Id of the product if dimension select for the product. Foreign key of Setup_ProductDimension table.
UnitTypeId	Bigint	Not null	Selected unit type Id of the product. Foreign key of Setup_UnitType table.
Quantity	numeric(18, 4)	Not null	Default 0 . Given quantity of the product.
FinalizedQuantity	numeric(18, 4)	Not null	Default 0 . Quantity will increase up to Quantity from Requisition Finalize entry form. Will decrease by cancel as per Requisition Finalize's quantity.
RequiredDate	Datetime	Null	When product is required.
Reason	varchar(500)	Null	Comments why the product is required.

vi) Payment

b) Stock Adjustment

c) Sales

i) Sales Order

Form Activities:

Table Lists:

Task_SalesOrderNos (Insert - Operation)			
Id	uniqueidentifier	Not null	Primary key of the table
SalesOrderNo	varchar(50)	Not null	Last generated sales order no will keep here. Unique as per company.
Year	Bigint	Not null	Year of generated sales order no.
CompanyId	Bigint	Not null	Company Id of the generated sales order no. Foreign key of Setup_Company table.
Task_SalesOrder (Insert - Operation)			
SalesOrderId	Uniqueidentifier	Not null	Primary key of the table
SalesOrderNo	varchar(50)	Not null	Sales order no of saved Sales Order. Unique as per company.
OrderDate	Datetime	Not null	Date of saved Sales Order.
CustomerId	Bigint	Not null	Customer Id of the Sales Order form. Foreign key of Setup_Customer table.
SalesPersonId	Bigint	Not null	Selected sales person Id that is employee Id whose role as SP (Sales Person) . Foreign key of Setup_Employee table.
SalesType	varchar(20)	Not null	Currently it will be either Regular or Installment .
ReferenceNo	varchar(50)	Null	
ReferenceDate	Datetime	Null	
OperationTypeId	Bigint	Not null	Selected operation type. Foreign key of Configuration_OperationType table.
TermsAndConditionsId	Bigint	Null	Selected terms & conditions Id. Foreign

			key of Setup_TermsAndConditions table. Data will be load in form based on Event=Sales & SubEvent=SalesOrder .
TermsAndConditionsDetail	varchar(5000)	Null	
Remarks	varchar(1000)	Null	Some note or comments of current sales order.
ShipmentType	varchar(2)	Not null	F=Full or P=Part .
ApxShipmentDate	Datetime	Null	
ShipmentMode	varchar(5)	Not null	Air/Road/Sea .
DeliveryFromId	Bigint	Not null	Default logged location from form. Can select other location. Foreign key of Setup_Location table.
WareHouseId	Bigint	Null	Will load in form based on selected Product Delivery From location where IsWareHouse = true . Foreign key of Setup_Location table.
PaymentModelId	Bigint	Not null	Selected payment mode Id. Foreign key Configuration_PaymentMode table.
PromisedDate	Datetime	Null	
PaymentTermsId	Bigint	Null	Selected terms & conditions Id. Foreign key of Setup_TermsAndConditions table. Data will be load in form based on Event=Sales & SubEvent=Payment .
PaymentTermsDetail	varchar(5000)	Null	
SelectedCurrency	varchar(5)	Not null	Selected currency from the sales order form.
Currency1Rate	numeric(18, 4)	Not null	Default 0 . It will be treated as secondary currency rate.
Currency2Rate	numeric(18, 4)	Not null	Default 0 . It will be treated as tertiary currency rate.
OrderAmount	numeric(18, 4)	Not null	Default 0 . Total amount of the Sales Order. It will be treated as primary currency based order amount.
Order1Amount	numeric(18, 4)	Not null	Default 0 . Total amount of the Sales Order which is converted by secondary currency rate. It will be treated as secondary currency based order amount.
Order2Amount	numeric(18, 4)	Not null	Default 0 . Total amount of the Sales Order which is converted by tertiary currency rate. It will be treated as tertiary currency based order amount.
OrderDiscount	numeric(18, 4)	Not null	Default 0 . Total amount of the Sales Order discounted amount. It will be treated as primary currency based discounted amount.
Order1Discount	numeric(18, 4)	Not null	Default 0 . Total amount of the Sales Order discounted amount which is converted by secondary currency rate. It will be treated as secondary currency based discounted amount.
Order2Discount	numeric(18, 4)	Not null	Default 0 . Total amount of the Sales Order discounted amount which is converted by tertiary currency rate. It will be treated as tertiary currency based discounted

			amount.
IsSettled	Bit	Not null	Default false . Will be true if fully settled by item's quantity from Delivery Challan entry form.
Approved	varchar(1)	Not null	Default N . Will be C by cancel or A by approve.
ApprovedBy	Bigint	Null	Update by logged user Id after cancelling or approving. Foreign key of Security_User table.
ApprovedDate	Datetime	Null	Update by system date and time after cancelling or approving.
CancelReason	varchar(200)	Null	Update by comment or reason after cancelling.
LocationId	Bigint	Not null	Logged location. Foreign key of Setup_Location table.
CompanyId	Bigint	Not null	Logged company. Foreign key of Setup_Company table.
EntryBy	Bigint	Not null	Logged user. Foreign key of Security_User table.
EntryDate	Datetime	Not null	System date and time.
BuyerId	Bigint	Null	Buyer Id of the Sales Order form. Foreign key of Setup_Customer table.
CollectedAmount	numeric(18, 4)	Not null	Default 0 . Total collected amount from Collection form against Sales Order. It will be treated as primary currency based collected amount.
Collected1Amount	numeric(18, 4)	Not null	Default 0 . Total collected amount from Collection form against Sales Order which is converted by secondary currency rate. It will be treated as secondary currency based collected amount.
Collected2Amount	numeric(18, 4)	Not null	Default 0 . Total collected amount from Collection form against Sales Order which is converted by tertiary currency rate. It will be treated as tertiary currency based collected amount.

Task_SalesOrderDeliveryInfo (Insert – Operation)

DeliveryInfoId	Uniqueidentifier	Not null	Primary key of the table.
SalesOrderId	Uniqueidentifier	Not null	Id of Sales Order. Foreign key of Task_SalesOrder table.
DeliveryPlace	varchar(300)	Null	
ContactPerson	varchar(100)	Null	
ContactPersonNo	varchar(30)	Null	
TransportId	Bigint	Null	Selected transport name Id. Foreign key of Setup_Transport table.
TransportTypeId	Bigint	Null	Selected transport type Id. Foreign key of Setup_TransportType table.
VehicalNo	varchar(30)	Null	
DriverName	varchar(100)	Null	
DriverContactNo	varchar(30)	Null	

Task_SalesOrderDetail (Insert - Operation)

SalesOrderDetailId	Uniqueidentifier	Not null	Primary key of the table.
SalesOrderId	Uniqueidentifier	Not null	Id of Sales Order. Foreign key of Task_SalesOrder table.
ProductId	Bigint	Not null	Product id of Item Requisition. Foreign key of Setup_Product table.
ProductDimensionId	Bigint	Null	Dimension Id of the product if dimension select for the product. Foreign key of Setup_ProductDimension table.
UnitTypeId	Bigint	Not null	Selected unit type Id of the product. Foreign key of Setup_UnitType table.
Quantity	numeric(18, 4)	Not null	Default 0 . Given quantity of the product.
DeliveredQuantity	numeric(18, 4)	Not null	Default 0 . Quantity will increase up to Quantity from Delivery Challan entry form. Will decrease by cancel as per Delivery Challan's quantity.
Price	numeric(18, 4)	Not null	Given price of each product. Treated as primary price.
Price1	numeric(18, 4)	Not null	Given price of each product which is converted by secondary currency rate. Treated as secondary price.
Price2	numeric(18, 4)	Not null	Given price of each product which is converted by tertiary currency rate. Treated as tertiary price.
Discount	numeric(18, 4)	Not null	Given discount of each product. Treated as primary discount.
Discount1	numeric(18, 4)	Not null	Given discount of each product which is converted by secondary currency rate. Treated as secondary discount.
Discount2	numeric(18, 4)	Not null	Given discount of each product which is converted by tertiary currency rate. Treated as tertiary discount.
Cost	numeric(18, 4)	Not null	Current cost as primary cost from Stock_CurrentStock table.
Cost1	numeric(18, 4)	Not null	Current cost as secondary cost from Stock_CurrentStock table.
Cost2	numeric(18, 4)	Not null	Current cost as tertiary cost from Stock_CurrentStock table.

For Sales Order no generate:

Configuration_OperationalEvent	
EventName	Sales
SubEventName	SalesOrder

- Also based on location and company.

Operational Steps:

- Insert operation done in **Task_SalesOrderNos**, **Task_SalesOrder**, **Task_SalesOrderDeliveryInfo** and **Task_SalesOrderDetail** tables.

ii) **Delivery Challan****Form Activities:****Table Lists:**

Task_DeliveryChallanNos (Insert - Operation)			
Id	uniqueidentifier	Not null	Primary key of the table
ChallanNo	varchar(50)	Not null	Last generated Delivery Challan no will keep here. Unique as per company.
Year	Bigint	Not null	Year of generated delivery challan no.
CompanyId	Bigint	Not null	Company Id of the generated delivery challan no. Foreign key of Setup_Company table.
Task_DeliveryChallan (Insert - Operation)			
ChallanId	Uniqueidentifier	Not null	Primary key of the table
ChallanNo	varchar(50)	Not null	Delivery Challan no of saved Delivery Challan. Unique as per company.
ChallanDate	Datetime	Not null	Date of saved Delivery Challan.
CustomerId	Bigint	Not null	Customer Id of the Delivery Challan form. Foreign key of Setup_Customer table.
SalesOrderId	Uniqueidentifier	Not null	Selected Sales Order no's Id from Delivery Challan form.
DeliveryFromId	Bigint	Not null	Default logged location. Foreign key of Setup_Location table.
WareHouseId	Bigint	Null	Will load in form based on logged location where IsWarehouse = true . Foreign key of Setup_Location table. If not select any warehouse then stock will effect in logged location otherwise selected warehouse.
DeliveryPlace	varchar(300)	Null	Where product/item will be delivered.
ContactPerson	varchar(100)	Null	Delivered location's contact person who receive product/item.
ContactPersonNo	varchar(30)	Null	Mobile/land phone no.
TransportId	Bigint	Null	Id of selected transport name from Delivery Challan. Foreign key of Setup_Transport table.
TransportTypeId	Bigint	Null	Id of selected transport type from Delivery Challan form. Foreign key of Setup_TransportType table.
VehicleNo	varchar(30)	Null	Transporting vehicle no.
DriverName	varchar(100)	Null	Transporting vehicle's driver name.
DriverContactNo	varchar(30)	Null	Driver's contact no.
IsSettled	Bit	Not null	Default false . Will be true if fully settled by item's quantity from Invoice/Bill entry form.
Approved	varchar(1)	Not null	Default N . Will be C by cancel or A by approve.
ApprovedBy	Bigint	Null	Update by logged user Id after cancelling or approving. Foreign key of Security_User

			table.
ApprovedDate	Datetime	Null	Update by system date and time after cancelling or approving.
CancelReason	varchar(200)	Null	Update by comment or reason after cancelling.
LocationId	Bigint	Not null	Logged location. Foreign key of Setup_Location table.
CompanyId	Bigint	Not null	Logged company. Foreign key of Setup_Company table.
EntryBy	Bigint	Not null	Logged user. Foreign key of Security_User table.
EntryDate	Datetime	Not null	System date and time.
BuyerId	Bigint	Null	Buyer Id of selected Sales Order. Foreign key of Setup_Customer table.

Task_DeliveryChallanDetail (Insert - Operation)

ChallanDetailId	Uniqueidentifier	Not null	Primary key of the table.
ChallanId	Uniqueidentifier	Not null	Id of Delivery Challan. Foreign key of Task_DeliveryChallan table.
ProductId	Bigint	Not null	Product id of Item Requisition. Foreign key of Setup_Product table.
ProductDimensionId	Bigint	Null	Dimension Id of the product if dimension select for the product. Foreign key of Setup_ProductDimension table.
UnitTypeId	Bigint	Not null	Selected unit type Id of the product. Foreign key of Setup_UnitType table.
Quantity	numeric(18, 4)	Not null	Default 0 . Given quantity of the product.
InvoicedQuantity	numeric(18, 4)	Not null	Default 0 . Quantity will increase up to Quantity from Invoice/Bill entry form. Will decrease by cancel as per Invoice/Bills's quantity.
Price	numeric(18, 4)	Not null	Internally coming price from sales order of each product. Treated as primary price.
Price1	numeric(18, 4)	Not null	Internally coming price from sales order of each product. Treated as secondary price.
Price2	numeric(18, 4)	Not null	Internally coming price from sales order of each product. Treated as tertiary price.
Discount	numeric(18, 4)	Not null	Internally coming discount from sales order of each product. Treated as primary discount.
Discount1	numeric(18, 4)	Not null	Internally coming discount from sales order of each product. Treated as secondary discount.
Discount2	numeric(18, 4)	Not null	Internally coming discount from sales order of each product. Treated as tertiary discount.
Cost	numeric(18, 4)	Not null	Internally coming cost from sales order of each product. Treated as primary cost.
Cost1	numeric(18, 4)	Not null	Internally coming cost from sales order of each product. Treated as secondary cost.
Cost2	numeric(18, 4)	Not null	Internally coming cost from sales order of each product. Treated as tertiary cost.
BatchNo	varchar(50)	Null	Each product/item's batch no.

ManufactureDate	Datetime	Null	
ExpireDate	Datetime	Null	
Task_DeliveryChallanDetailSerial (Insert - Operation)			
ChallanDetailSerialId	Uniqueidentifier	Not null	Primary key of the table.
ChallanDetailId	Uniqueidentifier	Not null	Id of Delivery Challan. Foreign key of Task_DeliveryChallanDetail table.
Serial	varchar(100)	Not null	
AdditionalSerial	varchar(100)	Null	
Stock_CurrentStockSerial (Delete - Operation)			
Delete serial of specific product Id, dimension Id (if matched), unit type Id, location Id, warehouse Id (if matched), company Id.			
Stock_CurrentStock (Update - Operation)			
Quantity	Decrease quantity by product Id, dimension Id (if matched), unit type Id, location Id, warehouse Id (if matched), company Id.		
Task_SalesOrderDetail (Update - Operation)			
DeliveredQuantity	Add quantity with previous delivered quantity.		
Task_SalesOrder (Update - Operation)			
IsSettled	Set as true if fully done by Delivery Challan of all products of specific Sales Order. Otherwise false .		

For Delivery Challan no generate:

Configuration_OperationalEvent	
EventName	Sales
SubEventName	Challan

- Also based on location and company.

Operational Steps:

- Generate Delivery Challan no.
- Get customer Id and buyer Id from sales order by the sales order no.
- Insert operation done in **Task_DeliveryChallan** tables.
- To save into **Task_DeliveryChallanDetail** :
 - Get price, discount and cost from **Task_SalesOrderDetail** table.
 - Insert operation done in **Task_DeliveryChallanDetail** table.
 - If serial based product then:
 - Check all serials in **Stock_CurrentStockSerial** table.
 - If all serials are valid then insert into **Task_DeliveryChallanDetailSerial** table.
 - Remove all serials from **Stock_CurrentStockSerial** table.
 - Decrease quantity from **Stock_CurrentStock** table.
 - Increase quantity in **Task_SalesOrderDetail** table as **DeliveredQuantity** up to order quantity.
- Check fully done as Challan of selected sales order. If done then set **IsSettled=true** in **Task_SalesOrder** table otherwise remain **false**.

iii) Invoice / Bill

Form Activities:

Table Lists:

Task_SalesInvoiceNos (Insert - Operation)			
Id	uniqueidentifier	Not null	Primary key of the table
InvoiceNo	varchar(50)	Not null	Last generated Invoice no will keep here. Unique as per company.
Year	Bigint	Not null	Year of generated Invoice no.
CompanyId	Bigint	Not null	Company Id of the generated Invoice no. Foreign key of Setup_Company table.
Task_SalesInvoice (Insert - Operation)			
InvoiceId	Uniqueidentifier	Not null	Primary key of the table
InvoiceNo	varchar(50)	Not null	Invoice/Bill no of saved Invoice. Unique as per company.
InvoiceDate	Datetime	Not null	Date of saved Invoice.
CustomerId	Bigint	Not null	Customer Id of the Invoice form. Foreign key of Setup_Customer table.
SelectedCurrency	varchar(5)	Not null	Selected currency from the Invoice form.
InvoiceAmount	numeric(18, 4)	Not null	Default 0 . Total amount of the Invoice. It will be treated as primary currency based invoice amount.
Invoice1Amount	numeric(18, 4)	Not null	Default 0 . Total amount of the Invoice. It will be treated as secondary currency based invoice amount.
Invoice2Amount	numeric(18, 4)	Not null	Default 0 . Total amount of the Invoice. It will be treated as tertiary currency based invoice amount.
InvoiceDiscount	numeric(18, 4)	Not null	Default 0 . Total amount of the Invoice discounted amount. It will be treated as primary currency based discounted amount.
Invoice1Discount	numeric(18, 4)	Not null	Default 0 . Total amount of the Invoice discounted. It will be treated as secondary currency based discounted amount.
Invoice2Discount	numeric(18, 4)	Not null	Default 0 . Total amount of the Invoice discounted amount. It will be treated as tertiary currency based discounted amount.
Approved	varchar(1)	Not null	Default N . Will be C by cancel or A by approve.
ApprovedBy	Bigint	Null	Update by logged user Id after cancelling or approving. Foreign key of Security_User table.

ApprovedDate	Datetime	Null	Update by system date and time after cancelling or approving.
CancelReason	varchar(200)	Null	Update by comment or reason after cancelling.
VoucherId	Uniqueidentifier	Null	Auto generated voucher will be saved after approve according to voucher configuration. Foreign key of Task_Voucher table.
IsSettled	Bit	Not null	Default false . Will be true if fully settled by collection from collection entry form.
CollectedAmount	numeric(18, 4)	Not null	Default 0 . Total collected amount of the Invoice. It will be treated as primary currency based collected amount.
Collected1Amount	numeric(18, 4)	Not null	Default 0 . Total collected amount of the Invoice. It will be treated as secondary currency based collected amount.
Collected2Amount	numeric(18, 4)	Not null	Default 0 . Total collected amount of the Invoice. It will be treated as tertiary currency based collected amount.
LocationId	Bigint	Not null	Logged location. Foreign key of Setup_Location table.
CompanyId	Bigint	Not null	Logged company. Foreign key of Setup_Company table.
EntryBy	Bigint	Not null	Logged user. Foreign key of Security_User table.
EntryDate	Datetime	Not null	System date and time.
BuyerId	Bigint	Null	Buyer Id of selected challan. Foreign key of Setup_Customer table.

Task_SalesInvoiceDetail (Insert - Operation)

InvoiceDetailId	Uniqueidentifier	Not null	Primary key of the table.
InvoiceId	Uniqueidentifier	Not null	Id of Invoice/Bill. Foreign key of Task_SalesInvoice table.
ChallanId	Uniqueidentifier	Not null	Id of Delivery Challan. Foreign key of Task_DeliveryChallan table.
ProductId	Bigint	Not null	Product id of Item Requisition. Foreign key of Setup_Product table.
ProductDimensionId	Bigint	Null	Dimension Id of the product if dimension select for the product. Foreign key of Setup_ProductDimension table.
UnitTypeId	Bigint	Not null	Selected unit type Id of the product. Foreign key of Setup_UnitType table.
Quantity	numeric(18, 4)	Not null	Default 0 . Given quantity of the product.
Price	numeric(18, 4)	Not null	Internally coming price from delivery challan of each product. Treated as primary price.
Price1	numeric(18, 4)	Not null	Internally coming price from delivery challan of each product. Treated as secondary price.
Price2	numeric(18, 4)	Not null	Internally coming price from delivery challan of each product. Treated as tertiary price.
Discount	numeric(18, 4)	Not null	Internally coming discount from delivery challan of each product. Treated as

			primary discount.
Discount1	numeric(18, 4)	Not null	Internally coming discount from delivery challan of each product. Treated as secondary discount.
Discount2	numeric(18, 4)	Not null	Internally coming discount from delivery challan of each product. Treated as tertiary discount.
Cost	numeric(18, 4)	Not null	Internally coming cost from delivery challan of each product. Treated as primary cost.
Cost1	numeric(18, 4)	Not null	Internally coming cost from delivery challan of each product. Treated as secondary cost.
Cost2	numeric(18, 4)	Not null	Internally coming cost from delivery challan of each product. Treated as tertiary cost.
Task_DeliveryChallanDetail (Update - Operation)			
InvoicedQuantity	Add quantity with previous invoiced quantity.		
Task_DeliveryChallan (Update - Operation)			
IsSettled	Set as true if fully done by Invoice/Bill of all products of specific Delivery Challan. Otherwise false .		

For Invoice/Bill no generate:

Configuration_OperationalEvent	
EventName	Sales
SubEventName	Invoice

- Also based on location and company.

Operational Steps:

- Generate Invoice/Bill no.
- Get buyer Id from delivery challan by the delivery challan no.
- Insert operation done in **Task_SalesInvoice** tables.
- To save into **Task_SalesInvoiceDetail** :
 - Get price, discount and cost from **Task_DeliveryChallanDetail** table.
 - Insert operation done in **Task_SalesInvoiceDetail** table.
 - Increase quantity in **Task_DeliveryChallanDetail** table as **InvoicedQuantity** up to delivery challan quantity.
- Check all delivery challan fully done by Invoice/Bill. If done then set **IsSettled=true** in **Task_DeliveryChallan** table otherwise remain **false**.

iv) Collection

Form Activities:

Table Lists:

Task_CollectionNos (Insert - Operation)			
Id	uniqueidentifier	Not null	Primary key of the table
CollectionNo	varchar(50)	Not null	Last generated Collection no will keep here. Unique as per company.
Year	Bigint	Not null	Year of generated Collection no.
CompanyId	Bigint	Not null	Company Id of the generated Collection no. Foreign key of Setup_Company table.
Task_Collection (Insert - Operation)			
CollectionId	Uniqueidentifier	Not null	Primary key of the table
CollectionNo	varchar(50)	Not null	Collection no of saved Collection. Unique as per company.
CollectionDate	Datetime	Not null	Date of saved Collection.
SelectedCurrency	varchar(5)	Not null	Selected currency from the Invoice form.
Currency1Rate	numeric(18, 4)	Not null	Default 0. It will be treated as secondary currency rate.
Currency2Rate	numeric(18, 4)	Not null	Default 0. It will be treated as tertiary currency rate.
CollectedAmount	numeric(18, 4)	Not null	Default 0. Total amount of the Collection. It will be treated as primary currency based collected amount.
CollectedAmount1	numeric(18, 4)	Not null	Default 0. Total amount of the Collection which is converted by secondary currency rate. It will be treated as secondary currency based collected amount.
CollectedAmount2	numeric(18, 4)	Not null	Default 0. Total amount of the Collection which is converted by tertiary currency rate. It will be treated as tertiary currency based collected amount.
CustomerId	Bigint	Not null	Customer Id of the Collection form. Foreign key of Setup_Customer table.
SalesPersonId	Bigint	Not null	Selected sales person Id that is employee Id whose role as SP (Sales Person) . Foreign key of Setup_Employee table.
CollectedBy	Bigint	Not null	Insert user Id selected in form. Foreign key of Security_User table.
MRNo	varchar(50)	Null	Manual money receipt no.
Remarks	varchar(1000)	Null	Some comments for the collection.
OperationTypeId	Bigint	Not null	Selected operation type. Foreign key of Configuration_OperationType table.
OperationalEventId	Bigint	Not null	Selected operational event. Foreign key of Configuration_OperationalEvent table.
Approved	varchar(1)	Not null	Default N. Will be C by cancel or A by approve.
ApprovedBy	Bigint	Null	Update by logged user Id after cancelling

			or approving. Foreign key of Security_User table.
ApprovedDate	Datetime	Null	Update by system date and time after cancelling or approving.
CancelReason	varchar(200)	Null	Update by comment or reason after cancelling.
LocationId	Bigint	Not null	Logged location. Foreign key of Setup_Location table.
CompanyId	Bigint	Not null	Logged company. Foreign key of Setup_Company table.
EntryBy	Bigint	Not null	Logged user. Foreign key of Security_User table.
EntryDate	Datetime	Not null	System date and time.
Task_CollectionDetail (Insert - Operation)			
CollectionDetailId	Uniqueidentifier	Not null	Primary key of the table.
CollectionId	Uniqueidentifier	Not null	Id of Collection. Foreign key of Task_Collection table.
PaymentModelId	Bigint	Not null	Selected payment mode Id. Foreign key Configuration_PaymentMode table.
Amount	numeric(18, 4)	Not null	
Amount1	numeric(18, 4)	Not null	
Amount2	numeric(18, 4)	Not null	
Task_DeliveryChallanDetail (Update - Operation)			
InvoicedQuantity	Add quantity with previous invoiced quantity.		
Task_DeliveryChallan (Update - Operation)			
IsSettled	Set as true if fully done by Invoice/Bill of all products of specific Delivery Challan. Otherwise false .		

For Invoice/Bill no generate:

Configuration_OperationalEvent	
EventName	Sales
SubEventName	Collection

- Also based on location and company.

Operational Steps:

- Generate Invoice/Bill no.
- Get buyer Id from delivery challan by the delivery challan no.
- Insert operation done in **Task_SalesInvoice** tables.
- To save into **Task_SalesInvoiceDetail** :
 - Get price, discount and cost from **Task_DeliveryChallanDetail** table.
 - Insert operation done in **Task_SalesInvoiceDetail** table.
 - Increase quantity in **Task_DeliveryChallanDetail** table as **InvoicedQuantity** up to delivery challan quantity.

- Check all delivery challan fully done by Invoice/Bill. If done then set **IsSettled=true** in **Task_DeliveryChallan** table otherwise remain **false**.

d) Voucher

- i) Debit / Payment
- ii) Credit / Receive
- iii) Contra
- iv) Journal
- v) Voucher Posting

3) Approve

a) Purchase

- i) Item Requisition

Table Lists:

Task_ItemRequisition (Update - Operation)			
Approved	varchar(1)	Not null	Updated by A.
ApprovedBy	Bigint	Null	Update by logged user Id.
ApprovedDate	Datetime	Null	Update by system date and time.

Operational Steps:

- Check Item Requisition is valid or not.
- Check Item Requisition is already approved or cancelled.
- Only approved status as **A**, approved by and approved date changed in table.

ii) Requisition Finalize

Table Lists:

Task_RequisitionFinalize (Update - Operation)			
Approved	varchar(1)	Not null	Updated by A.
ApprovedBy	Bigint	Null	Update by logged user Id.
ApprovedDate	Datetime	Null	Update by system date and time.

Operational Steps:

- Check Item Requisition Finalize is valid or not.
- Check Item Requisition Finalize is already approved or cancelled.
- Only approved status as **A**, approved by and approved date changed in table.

iii) Purchase Order

iv) Goods Receive

v) Receive Finalize

vi) Payment

b) Stock Adjustment

c) Sales

i) Sales Order

Table Lists:

Task_SalesOrder (Update - Operation)			
Approved	varchar(1)	Not null	Updated by A .
ApprovedBy	Bigint	Null	Update by logged user Id.
ApprovedDate	Datetime	Null	Update by system date and time.

Operational Steps:

- Check Sales Order is valid or not.
- Check Sales Order is already approved or cancelled.
- Only approved status as **A**, approved by and approved date changed in table.

ii) Delivery Challan

Table Lists:

Task_DeliveryChallan (Update - Operation)			
Approved	varchar(1)	Not null	Updated by A .
ApprovedBy	Bigint	Null	Update by logged user Id.
ApprovedDate	Datetime	Null	Update by system date and time.

Operational Steps:

- Check Delivery Challan is valid or not.
- Check Delivery Challan is already approved or cancelled.
- Only approved status as **A**, approved by and approved date changed in table.

iii) Invoice / Bill

Table Lists:

Task_SalesInvoice (Update - Operation)			
Approved	varchar(1)	Not null	Updated by A .
ApprovedBy	Bigint	Null	Update by logged user Id.
ApprovedDate	Datetime	Null	Update by system date and time.
VoucherId	Uniqueidentifier	Null	Update by voucher Id if voucher generated.

Operational Steps:

- Check Invoice is valid or not.
- Check Invoice is already approved or cancelled.
- Only approved status as **A**, approved by and approved date changed in table.
- Generate voucher according to voucher configuration.

For Invoice/Bill's Voucher generate:

Configuration_OperationalEvent	
EventName	Sales
SubEventName	Invoice

- Also based on operation type, payment mode, location and company.

iv) Collection

d) Voucher

4) Cancel

a) Purchase

i) Item Requisition

Table Lists:

Task_ItemRequisition (Update - Operation)			
Approved	varchar(1)	Not null	Updated by C.
ApprovedBy	Bigint	Null	Update by logged user Id.
ApprovedDate	Datetime	Null	Update by system date and time.
CancelReason	varchar(200)	Null	Update by comment or reason.

Operational Steps:

- Check Item Requisition is valid or not.
- Check Item Requisition is already approved or cancelled.
- Only approved status as C, approved by, approved date and cancel reason changed in table.

ii) Requisition Finalize

Table Lists:

Task_RequisitionFinalize (Update - Operation)			
Approved	varchar(1)	Not null	Updated by C.
ApprovedBy	Bigint	Null	Update by logged user Id.
ApprovedDate	Datetime	Null	Update by system date and time.
CancelReason	varchar(200)	Null	Update by comment or reason.
Task_ItemRequisitionDetail (Update - Operation)			
FinalizedQuantity	Decrease quantity by product wise according to <i>Task_RequisitionFinalizeDetail</i> 's product quantity.		
Task_ItemRequisition (Update - Operation)			
IsSettled	Set as <i>false</i> of all Item Requisition no(s) done in current Requisition Finalize.		

Operational Steps:

- Check Item Requisition Finalize is valid or not.
- Check Item Requisition Finalize is already approved or cancelled.

- Only approved status as **C**, approved by, approved date and cancel reason changed in table.
- Decrease quantity of all products of current Requisition Finalize in **Task_ItemRequisitionDetail** table based on Item Requisition No(s).
- Set as **false** in **IsSettled** column in **Task_ItemRequisition** table based on Item Requisition no(s) done in current Requisition Finalize.

iii) Purchase Order

iv) Goods Receive

v) Receive Finalize

vi) Payment

b) Stock Adjustment

c) Sales

i) Sales Order

Table Lists:

Task_SalesOrder (Update - Operation)			
Approved	varchar(1)	Not null	Updated by C .
ApprovedBy	Bigint	Null	Update by logged user Id.
ApprovedDate	Datetime	Null	Update by system date and time.
CancelReason	varchar(200)	Null	Update by comment or reason.

Operational Steps:

- Check Sales Order is valid or not.
- Check Sales Order is already approved or cancelled.
- Only approved status as **C**, approved by, approved date and cancel reason changed in table.

ii) Delivery Challan

Table Lists:

Task_DeliveryChallan (Update - Operation)			
Approved	varchar(1)	Not null	Updated by C .
ApprovedBy	Bigint	Null	Update by logged user Id.
ApprovedDate	Datetime	Null	Update by system date and time.
CancelReason	varchar(200)	Null	Update by comment or reason.

Stock_CurrentStock (Update - Operation)	
Quantity	Increase quantity by product wise according to Task_DeliveryChallanDetail 's product quantity.
Stock_CurrentStockSerial (Insert - Operation)	
Insert back all serials from Task_DeliveryChallanDetailSerial table to Stock_CurrentStockSerial table.	
Task_SalesOrderDetail (Update - Operation)	
DeliveredQuantity	Decrease quantity by product wise according to Task_DeliveryChallanDetail 's product quantity.
Task_SalesOrder (Update - Operation)	
IsSettled	Set as false of specific sales order.

Operational Steps:

- Check Sales Order is valid or not.
- Check Sales Order is already approved or cancelled.
- Only approved status as **C**, approved by, approved date and cancel reason changed in table.
- Increase quantity into **Stock_CurrentStock** table based on **Task_DeliveryChallanDetail** product/item's quantity by product, dimension (if applicable), unit type, location, warehouse (if applicable) and company.
- Insert back into **Stock_CurrentStockSerial** from **Task_DeliveryChallanDetailSerial** table by product, dimension (if applicable), unit type, location, warehouse (if applicable) and company.
- Decrease quantity of all products of current Delivery Challan in **Task_SalesOrderDetail** table based on Delivery Challan No.
- Set as **false** in **IsSettled** column in **Task_SalesOrder** table based on Delivery Challan's sales order no.

iii) Invoice / Bill**Table Lists:**

Task_SalesInvoice (Update - Operation)			
Approved	varchar(1)	Not null	Updated by C.
ApprovedBy	Bigint	Null	Update by logged user Id.
ApprovedDate	Datetime	Null	Update by system date and time.
CancelReason	varchar(200)	Null	Update by comment or reason.
Task_DeliveryChallanDetail (Update - Operation)			
InvoicedQuantity	Decrease quantity by product wise according to Task_SalesInvoiceDetail's product quantity.		
Task_SalesInvoice (Update - Operation)			
IsSettled	Set as <i>false</i> all delivery challan of specific sales invoice.		

Operational Steps:

- Check Invoice is valid or not.
- Check Invoice is already approved or cancelled.
- Only approved status as **C**, approved by, approved date and cancel reason changed in table.
- Decrease quantity of all products of all Delivery Challan in **Task_DeliveryChallanDetail** table under selected sales invoice.
- Set as **false** in **IsSettled** column in **Task_DeliveryChallan** table based on Delivery Challan of selected sales invoice.

iv) Collection

d) Voucher

5) Report

a) Purchase

- i) Item Requisition**
- ii) Requisition Finalize**
- iii) Purchase Order**
- iv) Goods Receive**
- v) Receive Finalize**
- vi) Payment**

b) Stock Adjustment

c) Sales

- i) Sales Order**
- ii) Delivery Challan**
- iii) Invoice / Bill**
- iv) Collection**

d) Ledger

- i) Party Ledger**
- ii) Supplier Ledger**

e) Voucher

f) Accounts Ledger

g) Trial Balance

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