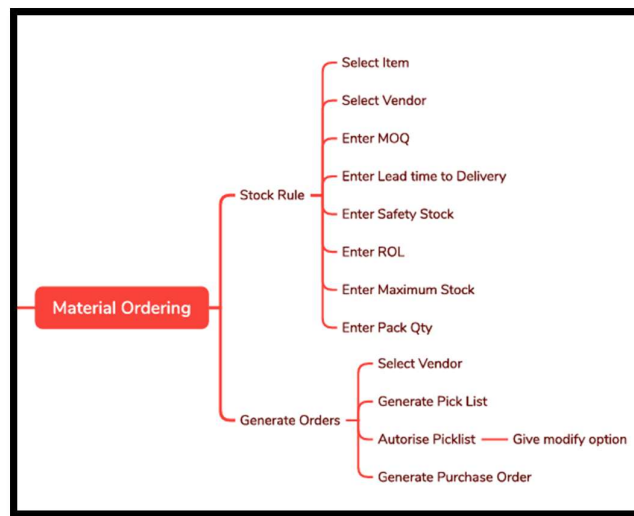


Purchase Module report



1. Material Ordering – Sub Module

a. Stock Rule Form

This form is a **Master Form** to create stock rules. We need to allow system 1H1 to check current real time stock, compares it with the ROL defined in this Master and triggers the process owner to order the material.

Stock Rule can be automated based on below definitions & formulae

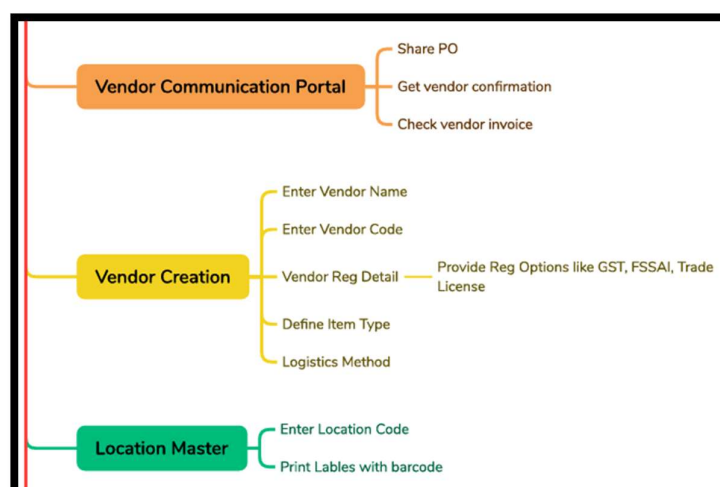
- Enter MOQ (Minimum Order Qty)
- Enter Pack Size or Density per Pack (DP)
- Automate Average Daily requirement (For so many Months) (ADR)
 - Allow user to enter Number of Months and press enter to calculate ADR based on below formula
 - **$ADR = \text{Roundup}[\{(Total\ Sales\ of\ "n"\ months) \div (Working\ days\ of\ n\ months)\} / DP, 0] \times DP$**
- Check & Enter Lead time of Order to delivery (LOD) in days
 - Automate LOD stock based on below formula
 - **$LOD\ Stock = \text{Roundup}(LOD \times ADR, 0)$, (Where $LOD < MOQ$, if not increase **MOQ in terms of MOQ or Pack size**)**
- Define Safety Stock (Based on delivery failures in past orders) (SS)
 - **$SS = \text{Roundup}(Breakdown\ days \times ADR, 0)$**
- Automate Re-Order Level using below formula
 - **$ROL = SS + LOD$**
- Define Maximum Stock (MS)
 - **$MS = SS + MOQ$**

b. Generate PO Form

This form is a Transaction form where user will generate PO based on stock rule and share it through portal. System should check Vendor Invoice as per our PO. PO should be closed if vendor supplies the all items and its qty as per PO. Multiple Invoice against single PO should be allowed by the system. Also in single Invoice multiple POs should be allowed.

- Automate Purchase Order Qty (Nos)
 - Select Vendor
 - Generate PO
 - Move PO to VCP (Automate)

Purchase Order									
Store Name									
Store Address									
PO No.:			PO Date:			Vendor Name:			
Vendor Code:									
SN	Item code	Discription	UOM	Unit Price	PO Qty	CGST%	SGST%	IGST%	PO value
1	T0001	Paracetamol 500mg	Nos	2	5000	6%	6%	0	11200
2									
3									
4									
5									
6									
7									
8									
9									
10									



2. Vendor Communication Portal (VCP)

This is a common web portal where we can share PO to vendors get confirmation from them. Vendor also can share Invoice against our PO to get confirmation from us and generates ASN.

Advance Shipment Note (ASN) is an electronic document generated by Vendors, which has the complete details of upcoming delivery which we can check and get ready in advance to receive goods or items from vendors.

3. Vendor Creation Master form

This is a Master form in the ERP. Used to create Vendor code and their details with below fields

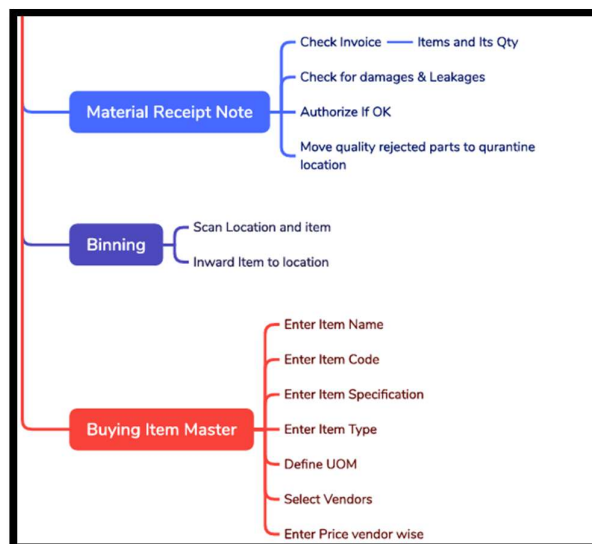
- Enter Vendor Name
- Enter Code
- Vendor Registration details
- Vendor Address
- Vendor Item type
- Logistics method
- Press Save button to save the details
- Edit option to edit if any changes

4. Location Master Form

This is a Master Form to create Main locations, Sub locations.

- Enter Location Name (Ex: Receipt Location, Storage Location, Storage sub-locations)
- Select Location type (Main or Sub)
- Enter Location Code
- Generate Location QR/Bar code
- Print Location Labels

Display locations with location bar codes



5. Material Receipt Note form

This form is a transaction form. Through ERP we need to generate a receipt note against material with invoice. System should allow user to scan the invoice and system should auto transfer the items and its qty to receiving location (01R1) along its batch details, price details.

After Physical Check against Invoice open MRN Form

- Scan Vendor
- Scan Invoice or do manual entry
- Save Transaction with unique transaction id

6. Binning Form

This form is a transaction form. Through ERP we need to move the stock received at 01R1 to Main stores sub-locations. System should have an option to scan main location and then sub-location and scan items to transfer. Using this user can store the items received to the location which is having space (Floating location concept)

- Scan Main location
- Scan Sub-location
- Scan item or Invoice to transfer stock
- Save transaction

7. Buying Item Master

This form is a Master form to create Buying Item codes and link to respective vendors. We need to create below fields and allow user to interact

- Enter Item Name
- Enter Item Code
- Enter Item Specification
- Item Type
- Define Unit of measurement (UOM)
- Select Vendors
- Auto pick item price from the latest batch received
- Check average price of last 10 batches and auto display average item price