

Application Overview Inventory Management System

Login ->

User will login into his application by entering valid login credentials.

Users will have access to the application modules as per the role assigned by the admin.

Profile ->

This section will display profile details of the logged in user. Option to edit profile details.

Dashboard ->

Dashboard will show metrics, graphs and reports to provide a real time view of the organisation.

User management ->

Admin will be able to view list of users. Search and filter option to search for desired user record. Add new option to create a new user. Update option to update user details and delete option to delete a user. Page authorization will be based on the role of user specified.

Manage party groups ->

In this module Admin will add new party group, view list of party groups added and option to update or delete party groups.

Manage parties(suppliers & dealers) ->

In this section the user can view the suppliers or dealers added. Search and filter option to search for desired supplier or dealer record. A party can be added by specifying details such as name, group, address, mobile no, email id, bank details, GST no, opening balance, price applicable etc - Option to edit or delete party details. Any type of updation or deletion will be password protected.

Manage stock item groups ->

In this module Admin will add new stock item group, view list of stock item groups added and option to update or delete stock item groups.

Manage stock items ->

In this section the user can view the stock items added. Search and filter

option to search for desired stock item record. A stock item related to raw material or finished goods can be added by specifying details such as lot no, item name, GST rate, opening balance, qty, rate, value etc
- Option to edit or delete stock item details. Any type of updation or deletion will be password protected.

Employee management ->

In this module authorised user can view list of employees. Option to add new employee by specifying details like name, email id, contact, address, per day wage etc. Attendance recorded through biometric machine can also be viewed date wise or month wise for each employee. Based on the attendance employee salary will be auto generated.
Option to update or delete employee details.

Manage party wise price list ->

This module will allow the admin to manage the party wise price list of the finished product for sale. Add new price list by specifying the party name, price level(discount), applicable from etc.
- Update or delete option to update the party wise price list.

Manage vouchers ->

This feature will be used to create and generate different types of vouchers such as purchase order, purchase receipt, production, sales order etc. Option to print the generated vouchers.

1. Purchase order

When raw material will be required purchase order will be created by specifying date, supplier name, item name, item code, order quantity etc.

2. Purchase receipt note

Purchase receipt will be generated with reference to the purchase order. It is created when goods are received from the supplier at the store. It includes details same as the purchase order, mode of transportation, lot no etc.

3. Purchase voucher

Purchase voucher is created with reference to the purchase receipt note. It is created when payment is to be processed against the goods that were ordered from the supplier. It includes details such as party name, bill no, date, GST no, vehicle no, owner name, pan card, driver name, driver mobile no, taxes,

reverse charges, hamali charges, TDS etc.

4. Production voucher

Production voucher will be created when finished product(final product) is produced at the factory. It will include details such as date, lot no, item, quantity, weight, wastage weight, net weight, empty packing weight, weight with packing etc.

5. Cutting

This voucher is created when a final finished lot is cut into pieces.

6. Packing voucher

Packing voucher is created to record details such as no of empty boxes, no of packets, weight of packets, total weight after packing Etc.

7. Sales order

Sales order is created when the finished products are to be offered to the vendors. Sales order contains details such as party name, product name, description, quantity, unit cost, discount, Etc.

8. Delivery note

Delivery note is created at the factory after the stock is issued out for sale.

9. Sales invoice

Sales invoice is created to inform vendors of the amount they owe in exchange for goods that were sold.

Activity logs ->

Admin will be able to view updation and deletion logs. All updations or deletions done to records in any module will be stored in logs specifying details such as module name, description, user name, date and time.

Reports ->

Admin will be able to generate and analyze different types of reports based on various parameters

1. Reorder level

Report that indicates the quantity of stock item that has reached its minimum re order level and needs to be replenished.

2. Purchase

Report that indicates the total purchase of materials or products from the supplier parties, pending purchase orders, pending materials to be received from the purchase order etc

3. Items details report

Report that indicates detailed list of raw material, packing or finished Products.

4. Party details report

It indicates the list of suppliers and vendors.

5. Shortage report

Indicates shortages or difference like

- Difference between purchase order and purchase voucher
- Difference between total raw material stock and finished product produced
- Difference between sales order and delivery note
- Wastage report

6. Lot wise report

Lot wise report of material inward and outward from the factory.

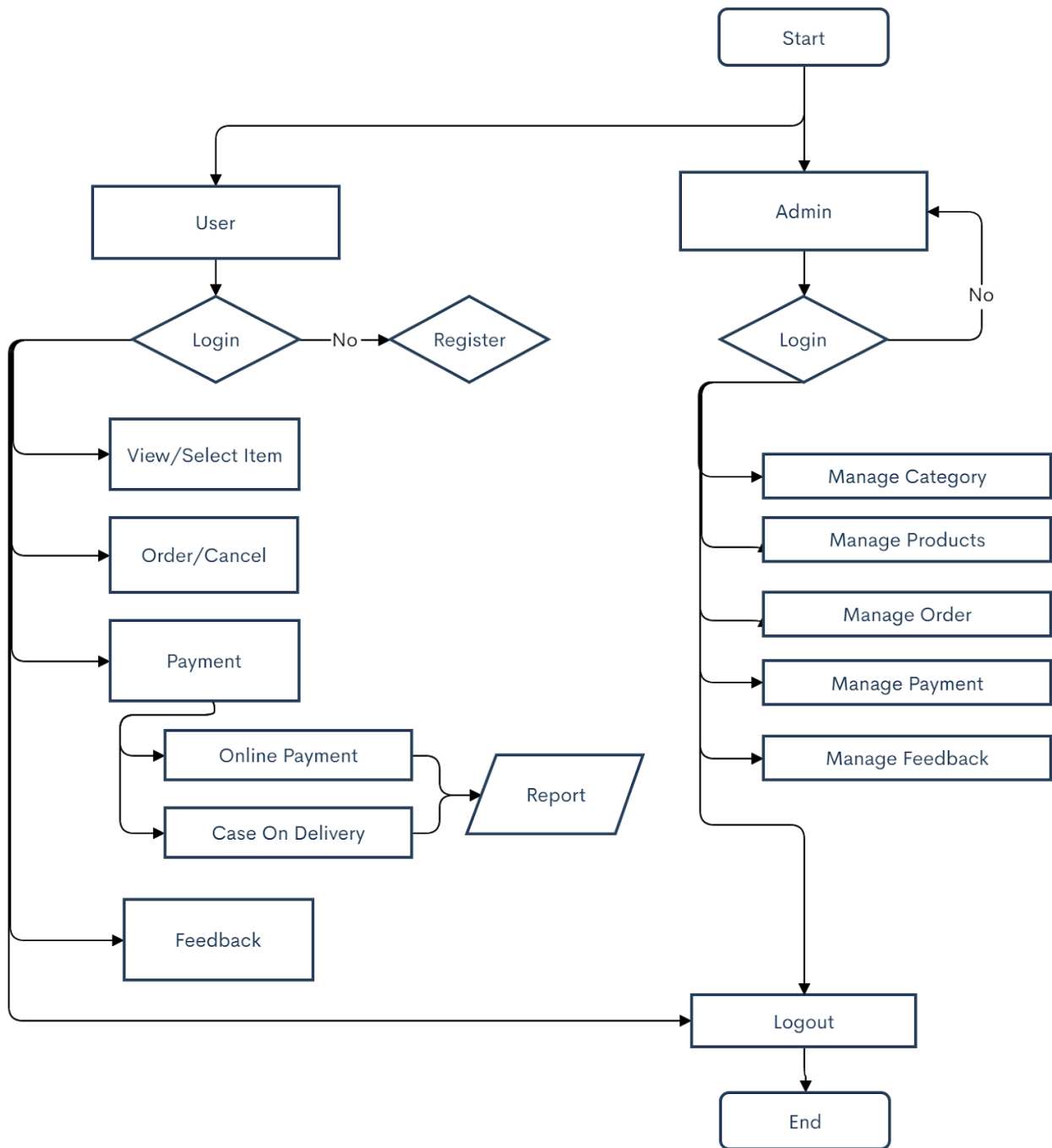
7. Sales report

Item wise, party wise, value wise sales report.

Logout

User will exit from his current session

Features for ecommerce application Flow Chart:



Features for ecommerce application:

- Customer login & registration:

->When a customer is expected to make the purchase, things will be very easy. The customer sign-up options can be facilitated via Google, FB, Twitter logins to reduce time and efforts.

->A one or two step sign up process is all it will take the customer to make a purchase.

-> Once the customer creates the account, they should be able to see the order history, delivery details and other recommendations based on their preferences.

- Admin Panel :

- Manage Inventory, categories & online store :

->The number of products that can be sold through the online store can be organized through categories and subcategories.

->These categories and subcategories can be managed through the admin section of the portal.

->The real-time availability of stock and pricing for various products can also be managed through the online store.

- Search, Sort & Filter options (Category, Products, orders, payment):

->With so many categories, products and choices, it will be easy for the user to have an intuitive search, which helps the users to locate the products they're looking for.

->The searching and sorting options will allow the user to search products, sort them by categories, color, size, price etc.

- Shopping cart, Purchases & Payments :

->A minimalist design with shopping cart, multiple payment options will make it easier for the users to purchase products.

-> The choice of multiple payment options increases the probability of transactions on the site. The secure checkout and multiple payment options will be key drivers that prompt people to purchase on our sites.

->Once the payment is done, all the orders can be tracked from the admin panel. The total number of orders, their delivery status, payments collected and other details are available for the administrators.

- Products Galleries, reviews & other details:

->The product galleries will be compelling for the visitors. Beautiful images of the products with trendy layouts can be added to the portal.

->The complete product specifications and details should be provided to the users.

->The customer reviews and feedback option will also be included.

- Returns & Refund Policy :

->When customer makes a purchase and finds an issue with the product, they will be able to return the product & get refunded.

- Order Management :

-> When a new purchase is made, the administrator gets notified about the order on their mobile or email.

->The order management can be done through this portal to manage parameters like total number of orders, average number of orders per week, total value of the orders, orders by location etc.

->When the customer completes the purchase, the order status will be reflected on the back-end.

- Users management:

-> Admin can create various users with different role to perform action in their separate admin panel.

->Can create different profile group to assign role to new users.

- Manage Feedback:

-> Admin can manage feedback provided by the user about any product or service.

->It can be managed from separate option in admin section.

- Digital Marketing:

-> Of all the infrastructure elements, marketing may be the most important step. To succeed, your website must be found.

->We will provide initial SEO (search engine optimization) including on page and off page SEO.