

INVENTORY MANAGEMENT SYSTEM



Objective:

The objective of small-scale inventory management is to efficiently manage inventory levels and processes in a small business. This involves finding the right balance of inventory to meet customer demand. The goals include optimizing inventory levels, satisfying customers, improving operational efficiency, forecasting demand accurately, and maintaining inventory accuracy. By achieving these objectives, small businesses can ensure that they have the right products available when customers need them, reduce unnecessary expenses, enhance customer satisfaction, streamline operations, make informed purchasing decisions, and maintain accurate inventory records. Overall, effective inventory management supports the smooth operation and profitability of small businesses.

OWNER

- Owner can add his new products and customize them.
- He can buy products from vendors according to his requirement.
- He can see the overall sales report which includes the total stock sold_out, the available products, and the net amount i.e profit.

Three options are available for the Owner that is

- He can either enter Home Page -> Vendors
- Or to Home Page -> Sales Report
- Home Page -> Product customization

The sales report will be present inside the Vendors page also.

VENDORS:

Owners buy products from Vendors. They can add their products to the website and they can view their product in their dashboard and can modify the information of products like price quantity

Vendors manage their inventory levels, fulfil owners' orders, and oversee the supply chain process. They also negotiate pricing and contracts, and continuously strive for improvement.

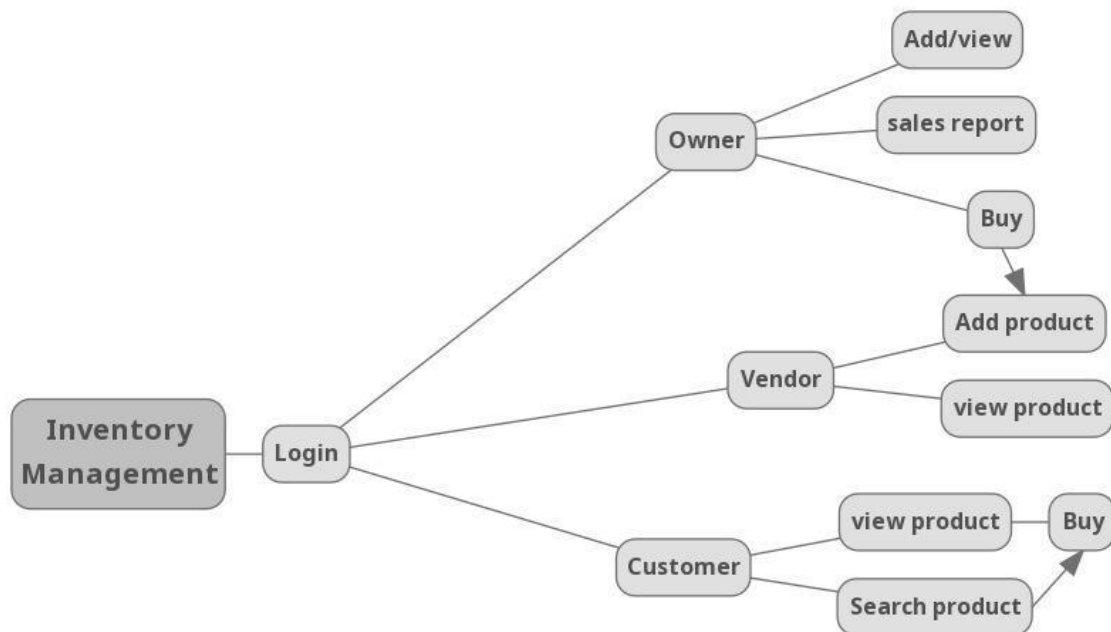
VENDORS->DASHBOARD-> PRODUCT->BUY

AND

PRODUCT-> ADD_NEW_PRODUCT ->PRODUCT NAME

->PRODUCT PRICE

->PRODUCT ID



Flow-Diagram

Operations:

1. Owner: View/Add

Owner interface displays the details about the Vendors such as: Vendor Name, Contact information, Product name and price. The Vendors will be having the Salesreport of their products, top selling product list etc. Additional feature is that they can add the Vendors including all their personal details like name, contact, information about the product he is buying.

2. Sales Report:

Sales report include the monthly or weekly report which display the Sales revenue, units sold, top selling products, availability of products. It also includes the customerid of those who are buying the particular product.

3. Customer:

Customers will login to the website and buy the products. In the customer dashboard, they can view the products and can search the products by the product id or name. For each product there will be information like product description, associated company name, price of the product. When customers select the product and click the 'buy' button, the quantity of that product will be decreased.

CUSTOMER->DASHBOARD->PRODUCTS->PRICE, COMPANY ID, DETAILS
->BUY

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Click **Logout** To logout.