

# **Functional Requirements of Inventory Management**

## **Customer/ User:-**

### **1. Login**

When a customer logs into the website using their assigned ID and password, they gain access to the website's Dashboard where they can view order details and perform various actions. The login process is essential for ensuring the security of customer accounts and providing personalized experiences. Let's break down the steps involved in logging into an e-commerce website and accessing the Dashboard.

### **2. Manage Orders**

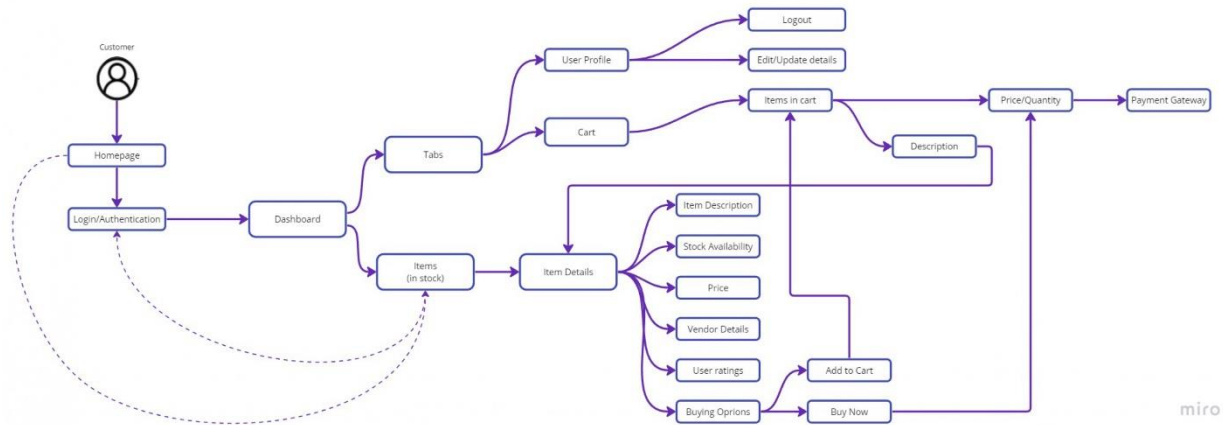
The customer/members can view available, allocated, and list of all the resources in the organization. Further, they can manage their booked resource i.e. viewing resource description, time duration, requirements, attendance, feedback and certification by entering into respective tabs in the dashboard

## **Features Supported in the Website**

### **Functions available for Customers are as follows:**

1. View available products
2. Add products to cart
3. Buy products
4. View products in cart
5. Make payments
6. Cancel orders
7. View orders
8. Change personal details

## Workflow of Customer



*Homepage > Login > Items(In stock)*  
*Homepage > Login > Items(In stock) > Item Details*  
*Homepage > Login > Items(In stock) > Item Details > Buying Options*  
*Homepage > Login > Tabs > Cart*  
*Homepage > Login > Tabs > User Profile > Edit/Update Details*  
*Homepage > Login > Dashboard > Profile > Logout*

On the **Customer Dashboard interface**, a list of all ordered products maintained by the logged-in user are displayed. Product details can be viewed, additional options are provided.

Dashboard	Navigate to tabs
Tabs	Allows user to visit user profile or the cart
User Profile	Users can view profile details, edit them or logout
Homepage	Shows all the products in the website
Item details	Provides detailed info on the product
Description	Provides description of the product
Buying options	Allows user to add products in the cart or directly buy them
Cart	Shows all products in the cart
Payment Gateway	Allows user to make payments for the products being bought

## **To Buy Products**

1. Users are first directed to the homepage where they can view the available products and allows the users to login.
  2. Once logged in the user can view the products and click on the desired products as per their choice.
  3. Every product has its own product page which provides the detailed description of the product along with stock availability
  4. The users are allowed to add the products to their cart or to buy them directly
  5. Users are then directed to the payment gateway where they can provide payment details.
  6. Once the payment is completed the users can view the order details.
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## **Admin:-**

### **1. Login/ Authenticate**

The admin logs in to the website using the authorized id and password. If the admin logs in successfully then they are taken to the Dashboard where they can see the inventory details, orders and customer details.

### **2. Manage Inventory**

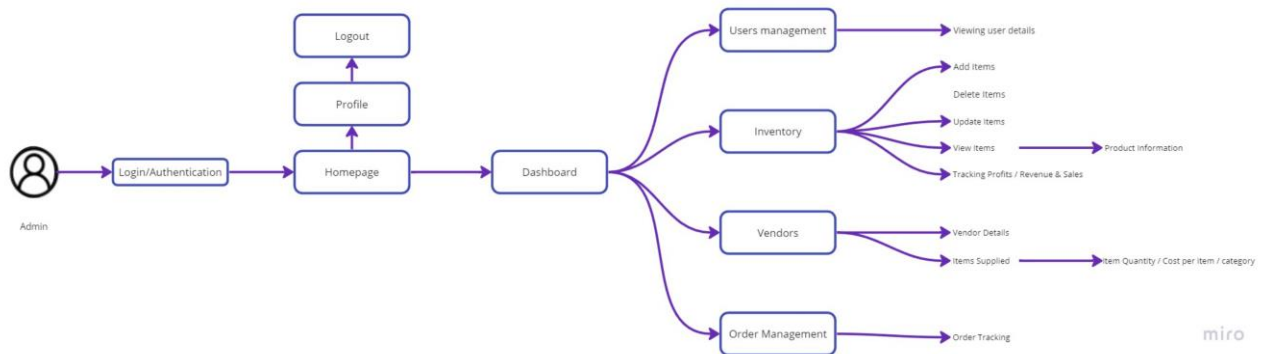
The admin can view available, ordered, and list of all the items in the organization and its detailed descriptions. Further, they can add, remove or edit data of the existing items.

## Features Supported in the Website

Functions available for Admin are as follows:

1. Inventory Panel
  - View available items
  - Add new items
  - Update existing item details
2. Vendor Panel
  - View vendors
  - Add new vendors
3. Orders Panel
  - View orders

### Workflow of Admin



*Login > Homepage > Dashboard > User management*

*Login > Homepage > Dashboard > Inventory*

*Login > Homepage > Dashboard > Inventory > Add items*

*Login > Homepage > Dashboard > Inventory > Delete items*

*Login > Homepage > Dashboard > Inventory > Update items*

*Login > Homepage > Dashboard > Vendors*

*Login > Homepage > Dashboard > Vendors > Add vendors*

*Login > Homepage > Dashboard > Order*

On the **Admin Dashboard interface**, the admin can navigate into the orders, users, vendors and inventory panels.

Dashboard	Navigate to orders, users, vendors and inventory panels.
Inventory	Navigate into the inventory where details on items can be edited.
Vendors	Vendor details are displayed here.
Orders	All the orders made in the website are displayed here.
Users	Customers present in the database can be viewed here.

### **To Manage Inventory, Vendors and Orders**

1. In the Dashboard field, navigation to the orders, inventory and vendor panels can be done.
2. Inventory panel allows the admin to add, remove and update item details.
3. Orders panel allows the user to view all the orders made in the website.
4. Vendors panel allows the admin to view or add new vendors into the database.