Inventory Management System

Proposal for

Ramana Soft Internship (Assignment-3)

Road No. 45, 100 Ft Road, Ayyappa Society, Madhapur, Hyderabad - 500081.

RamanaSoft

Inventory Management System (Development)

Introduction:

This Simple Inventory Management System Project is only accessible to the shop administrator. It requires the administrator system user credential to gain access to the features and functionalities. The Administrator can manage the list of Customers, Categories, Brands, Suppliers, Products, Purchases, and Orders. Each of these features contains CRUD (Create, Read, Update, and Delete) operations or functionalities. The system automatically computes the available stock of each product on hand.

Required Software's:

- XAMPP v3.3.0
- Python Django Frame Work
- MySQL Database
- HTML
- CSS
- JavaScript
- jQuery
- Ajax
- Bootstrap 5 Frame work
- Font Awesome
- Data Tables

This **Simple Inventory Management System** Project is only accessible to the shop administrator. It requires the administrator system user credential to gain access to the features and functionalities. The Administrator can manage the list of **Customers, Categories, Brands, Suppliers, Products, Purchases**, and **Orders**. Each of these features contains **CRUD** (Create, Read, Update, and Delete) operations or functionalities. The system automatically computes the available stock of each product on hand.

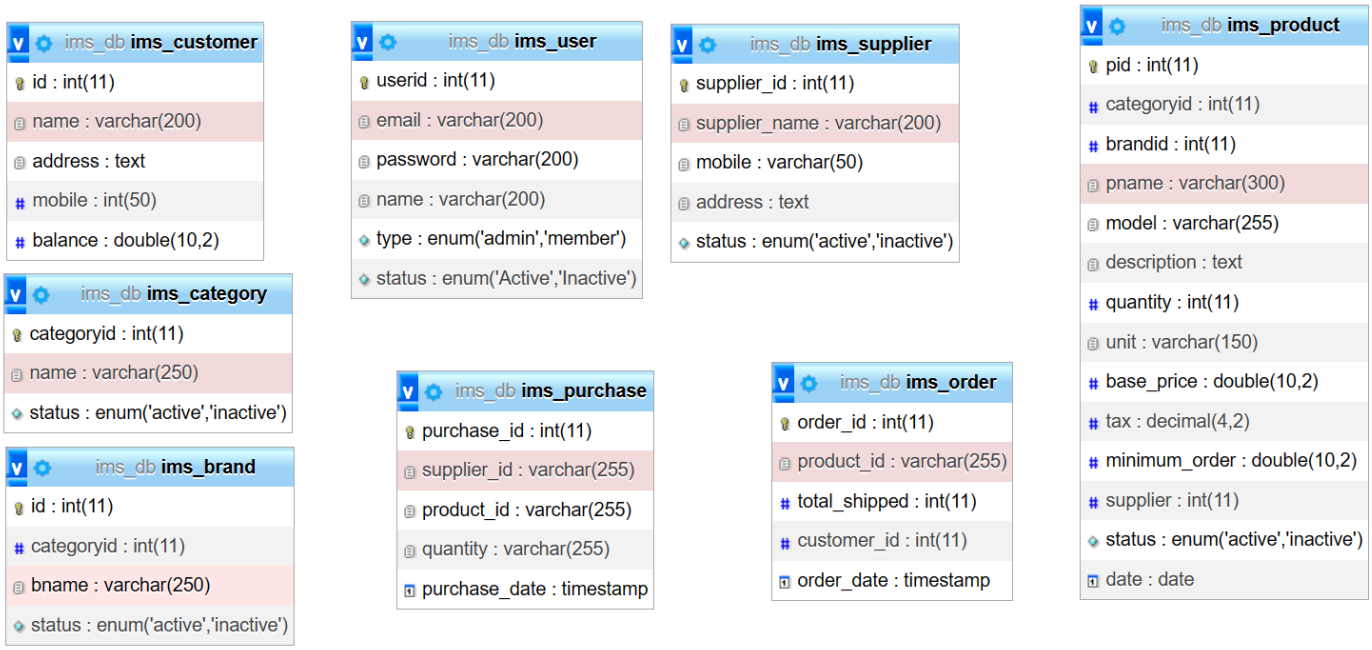
The project lists were developed using **Python (Django)** and **MySQL Database**. Each List on this application is displayed using the **Bootstrap Data Tables**. Each of the delete functions has a confirmation feature that prevents the user to remove the data by accident. The application forms for each process are displayed using the **Bootstrap Modal**.

Project Features:

- **Home/Inventory List**
- **Customer Management**
  - Add New Customer
  - List All Customers
  - Edit/Update Customer Details
  - Delete Customer
- **Category Management**
  - Add New Category
  - List All Categories
  - Edit/Update Category Details
  - Delete Category
- **Brand Management**
  - Add New Brand
  - List All Brands
  - Edit/Update Brand Details
  - Delete Brand
- **Supplier Management**
  - Add New Supplier
  - List All Suppliers
  - Edit/Update Supplier Details
  - Delete Supplier
- **Product Management**
  - Add New Product
  - List All Products
  - Edit/Update Product Details
  - View Product Details
  - Delete Product
- **Purchase Management**
  - Add New Purchase
  - List All Purchases
  - Edit/Update Purchase Details
  - Delete Purchase

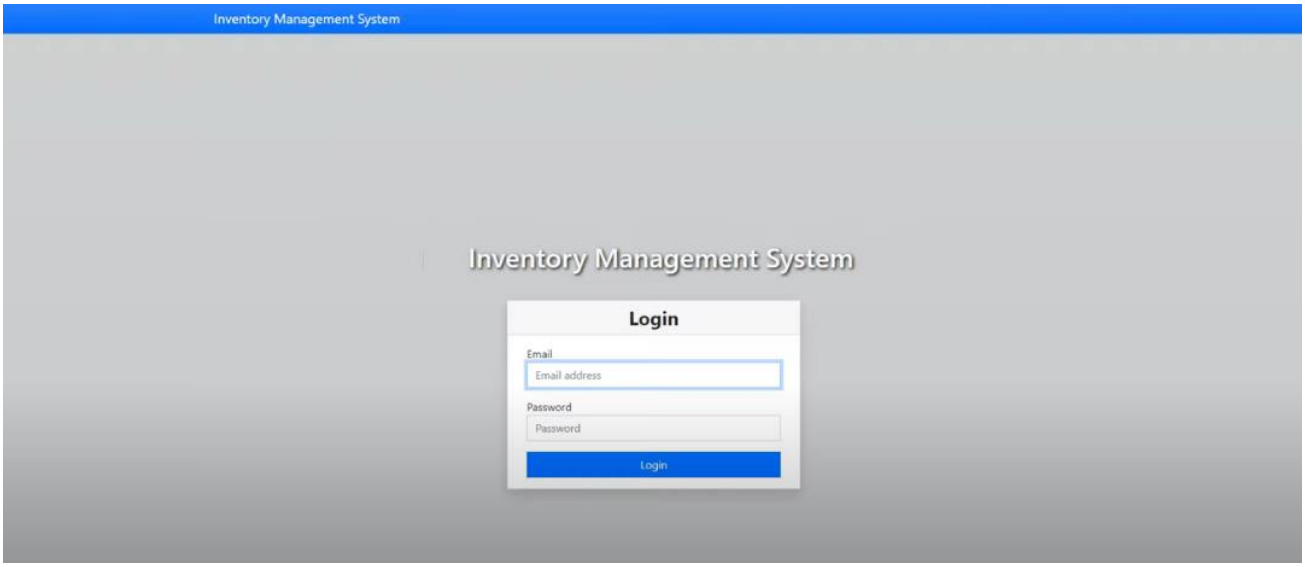
- **Order Management**
  - Add New Order
  - List All Orders
  - Edit/Update Order Details
  - Delete Order
- **Login and Logout**

Data Base Schema: Data Base Name: ims

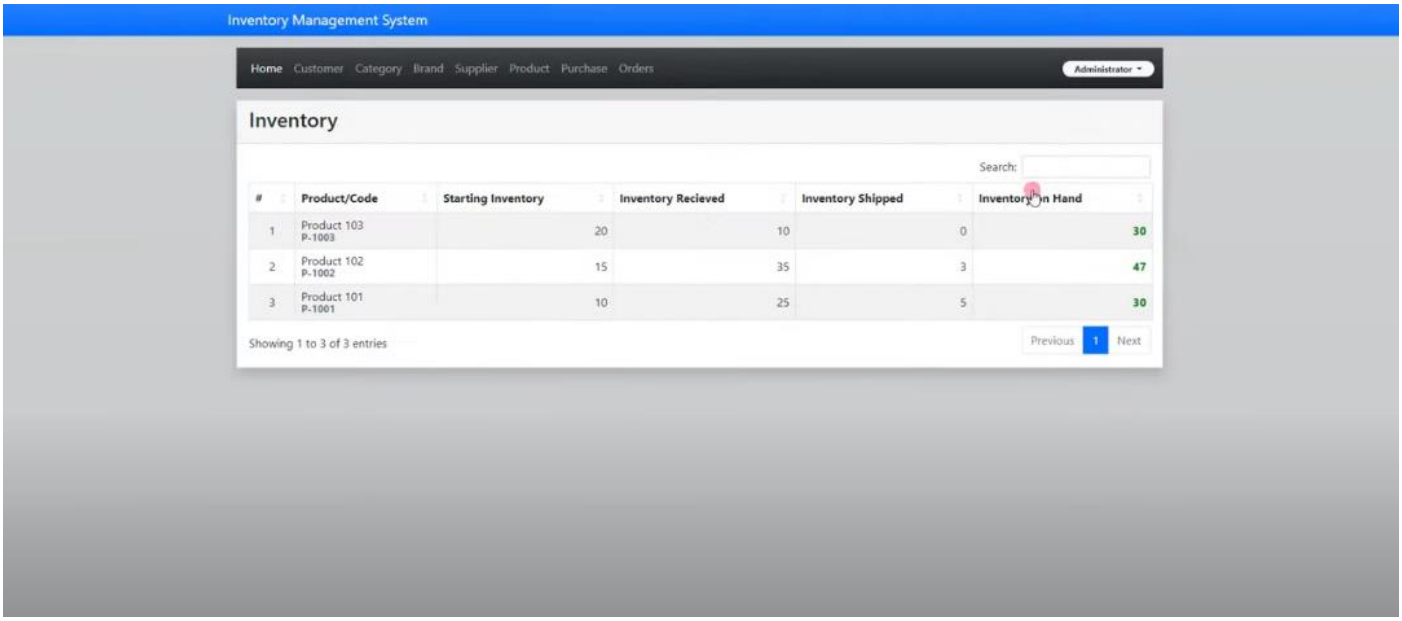


Required Frontend Design Screen Shorts:

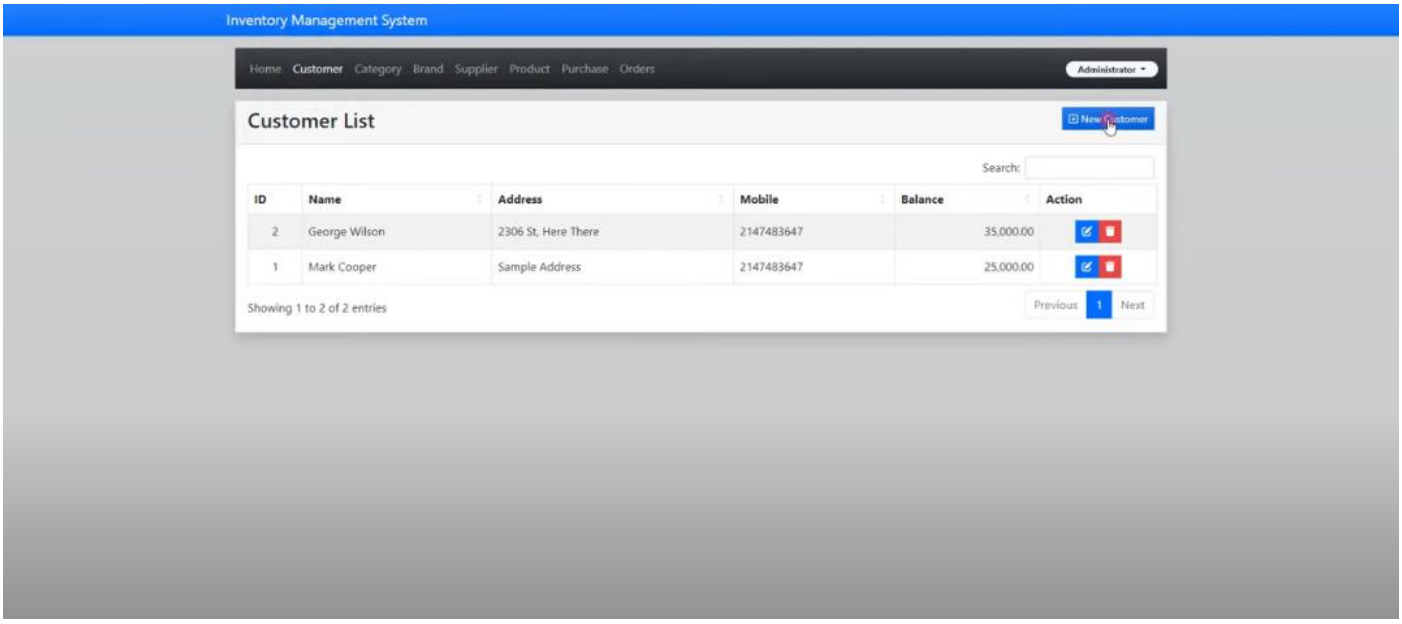
1. Login Page: User will have the login and password to access the dashboard (home page).

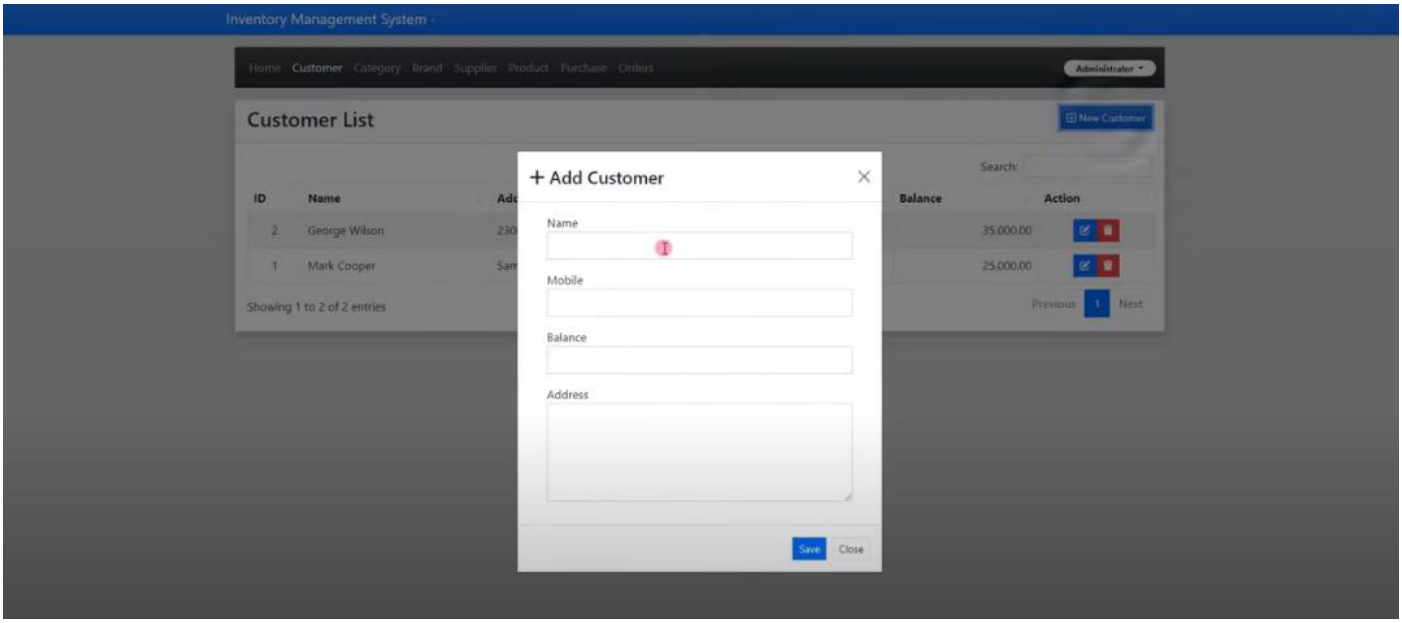


2. Dashboard Screen Short: User will have the clean dash board for over view of the data.

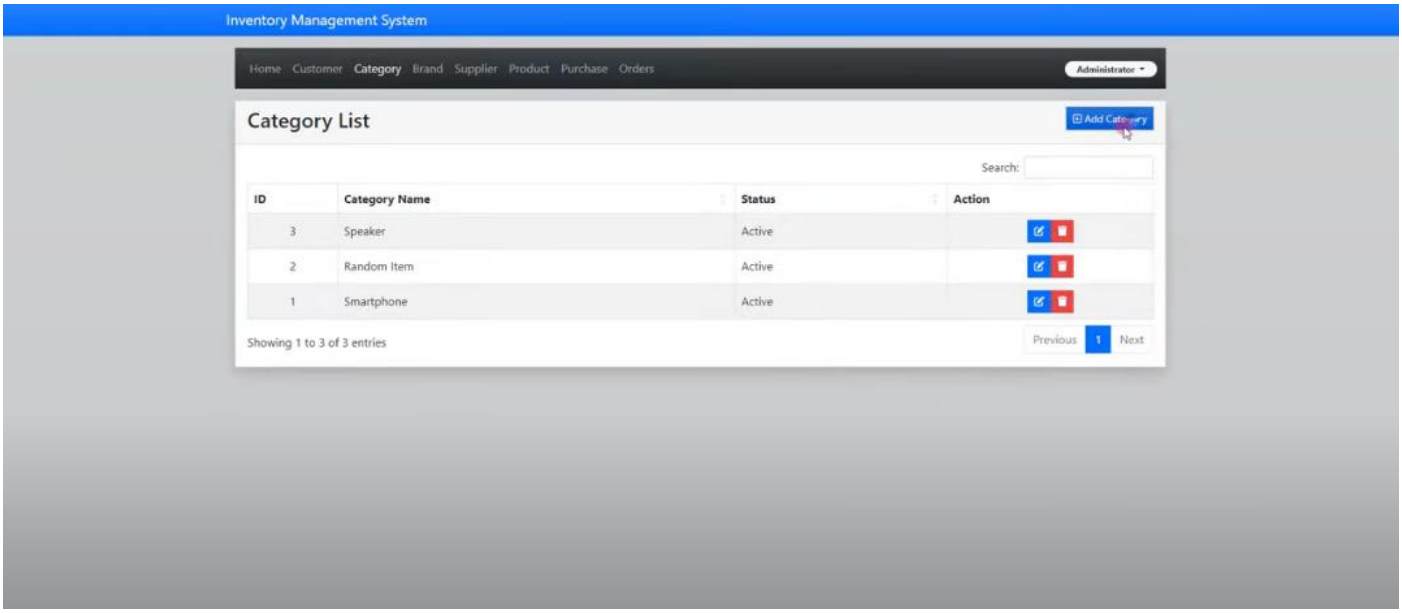


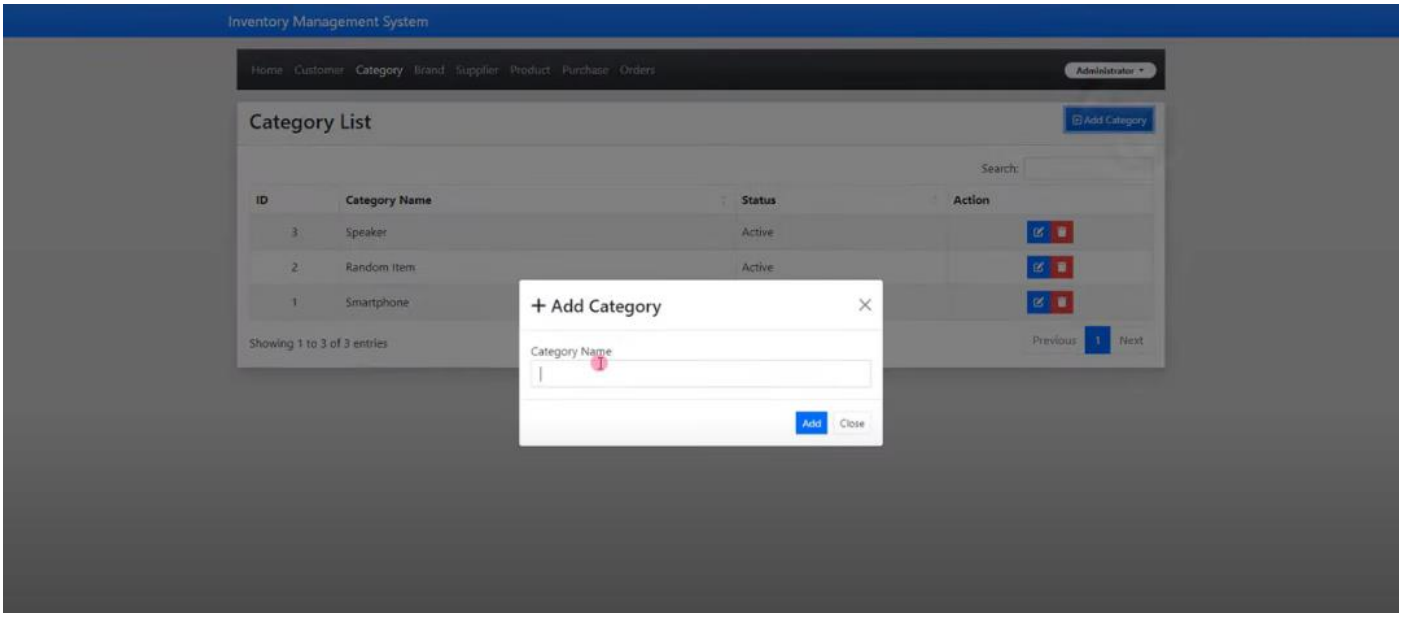
3. Add Customer Module: User can add category of the **Customer List, Edit, Delete**.

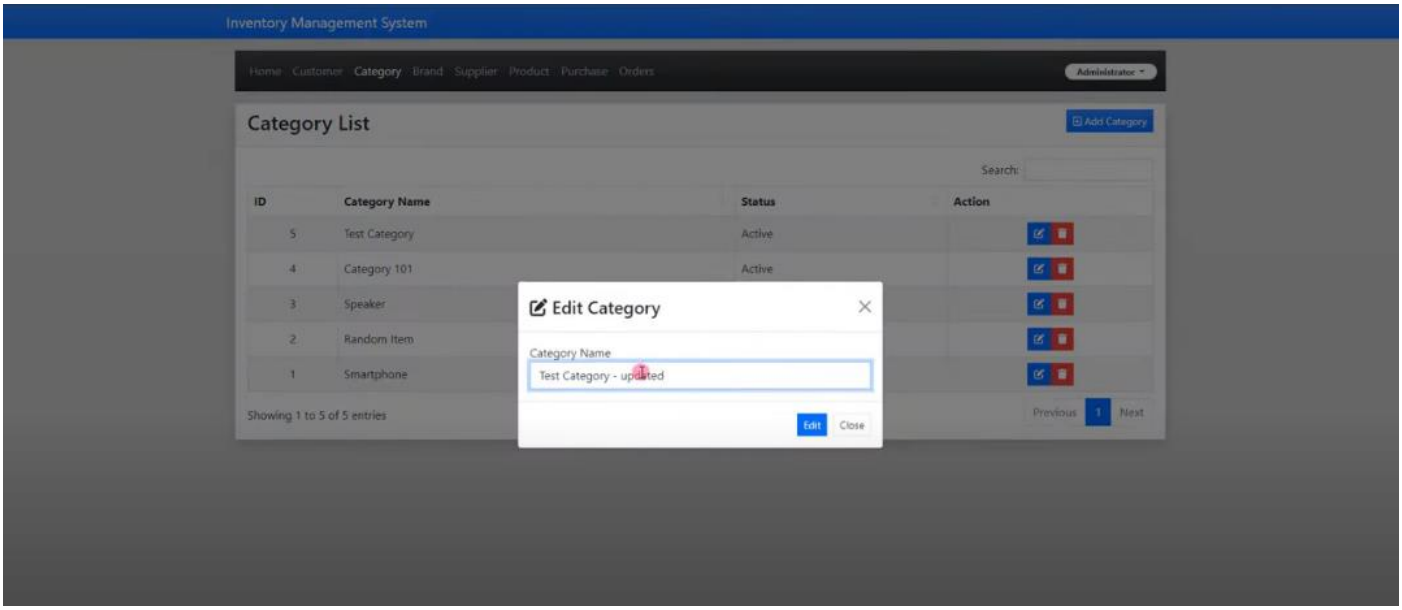




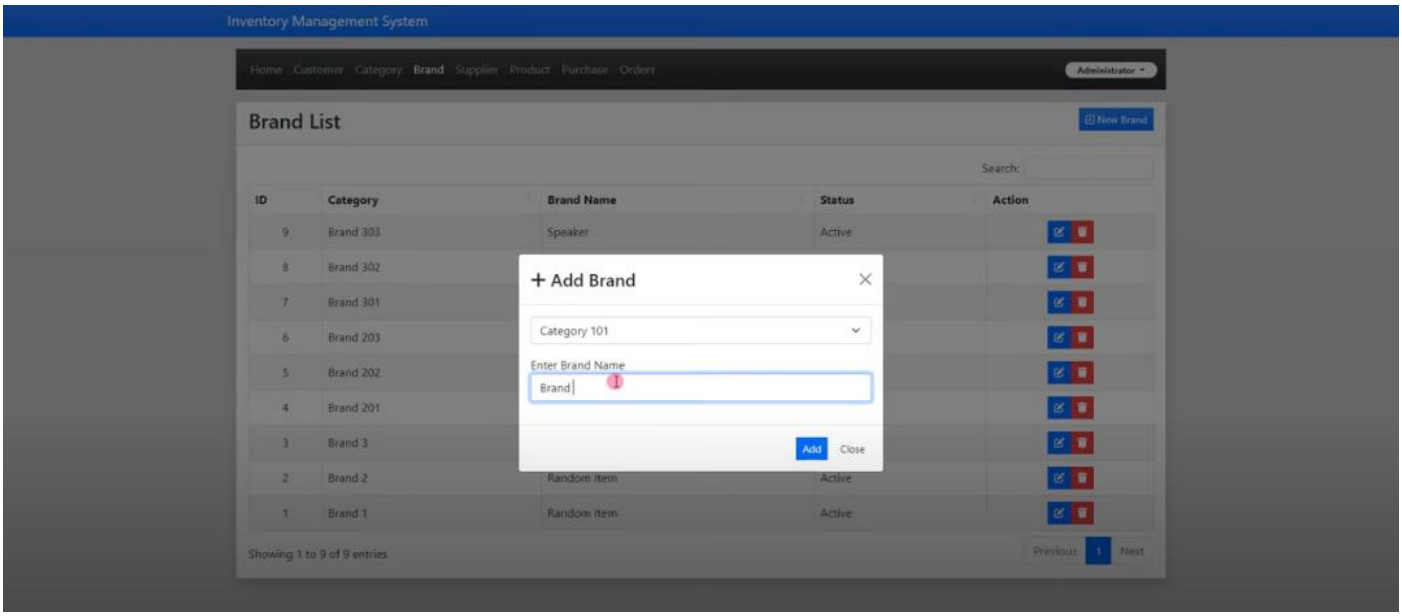
4. Entry of the Category Module: Adding the new Category to the **Category List, Edit, Delete**.



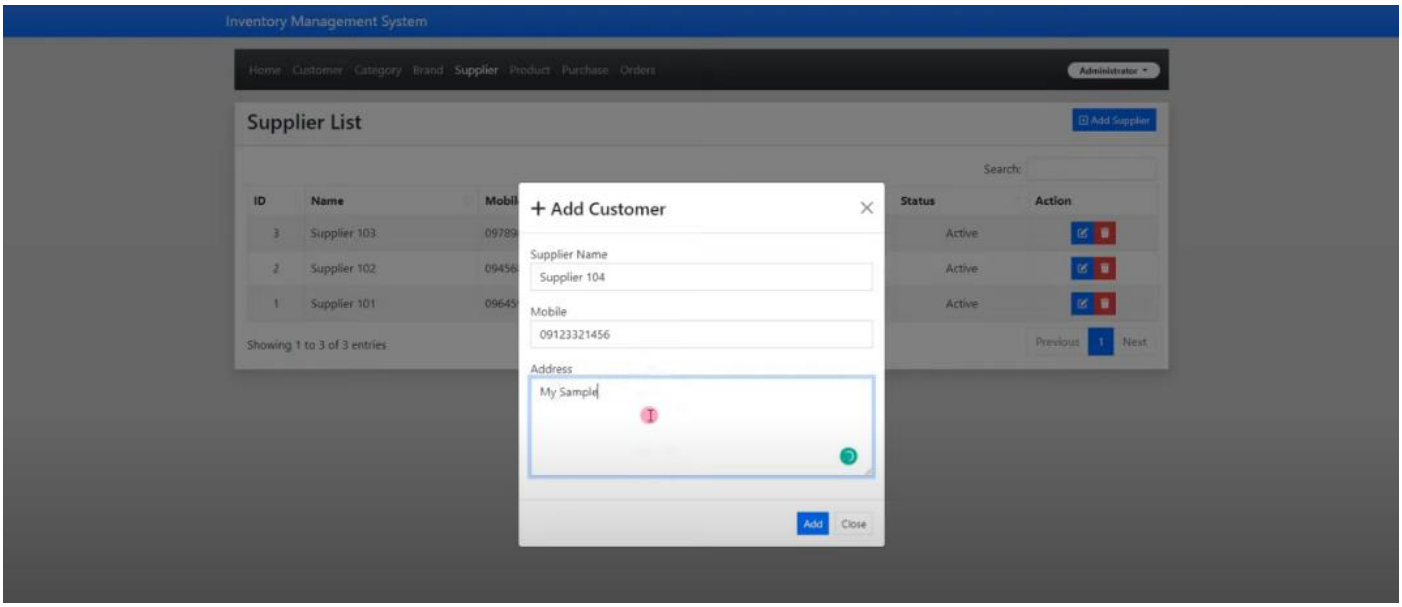


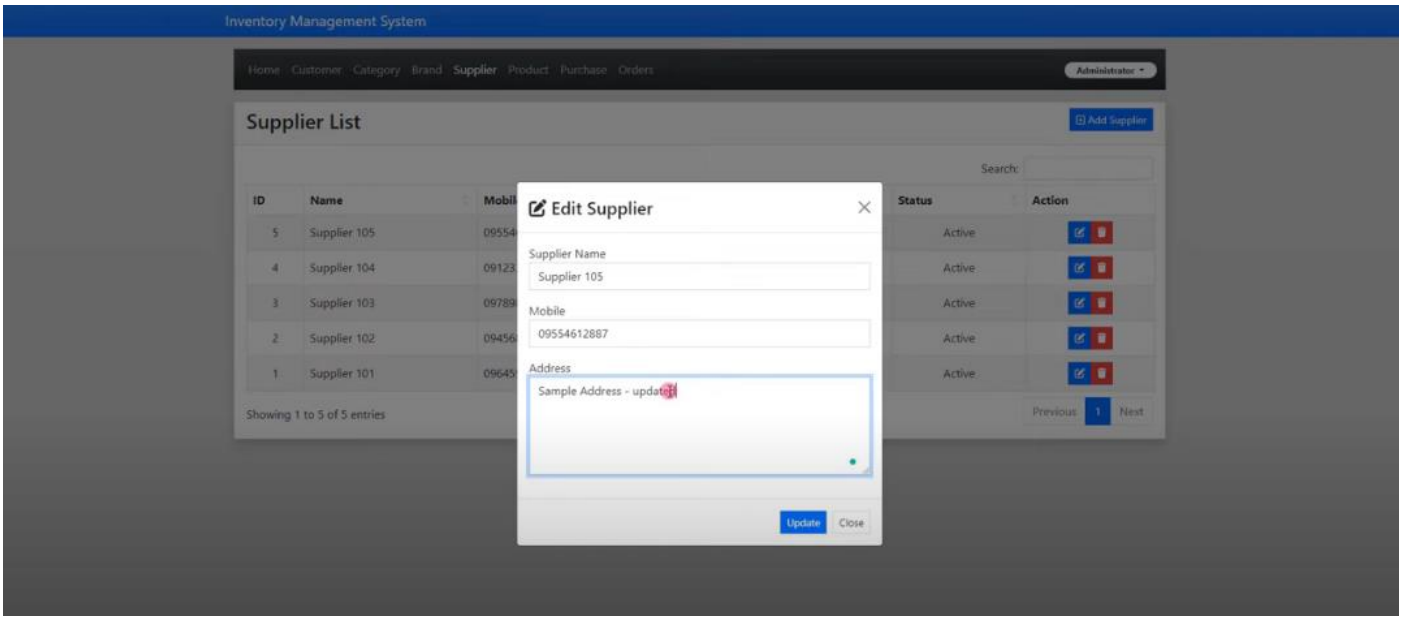


5. Brand Module: If user is entering the **Add Brand List, Edit, Delete** details.

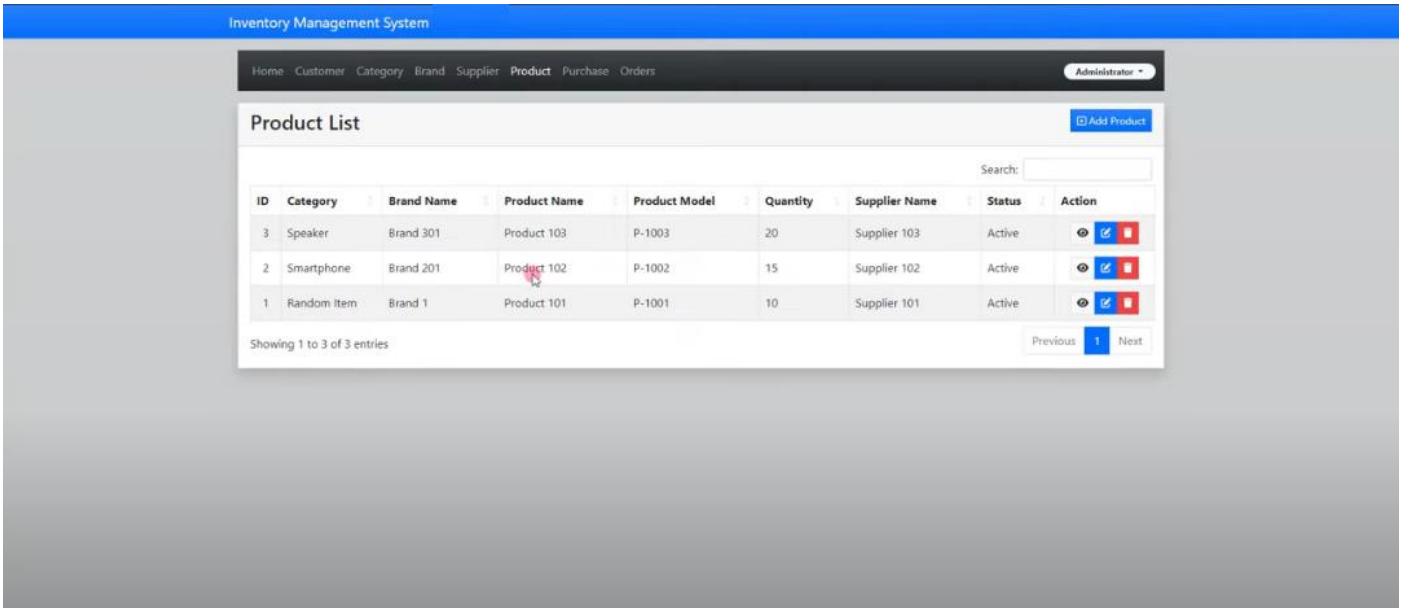


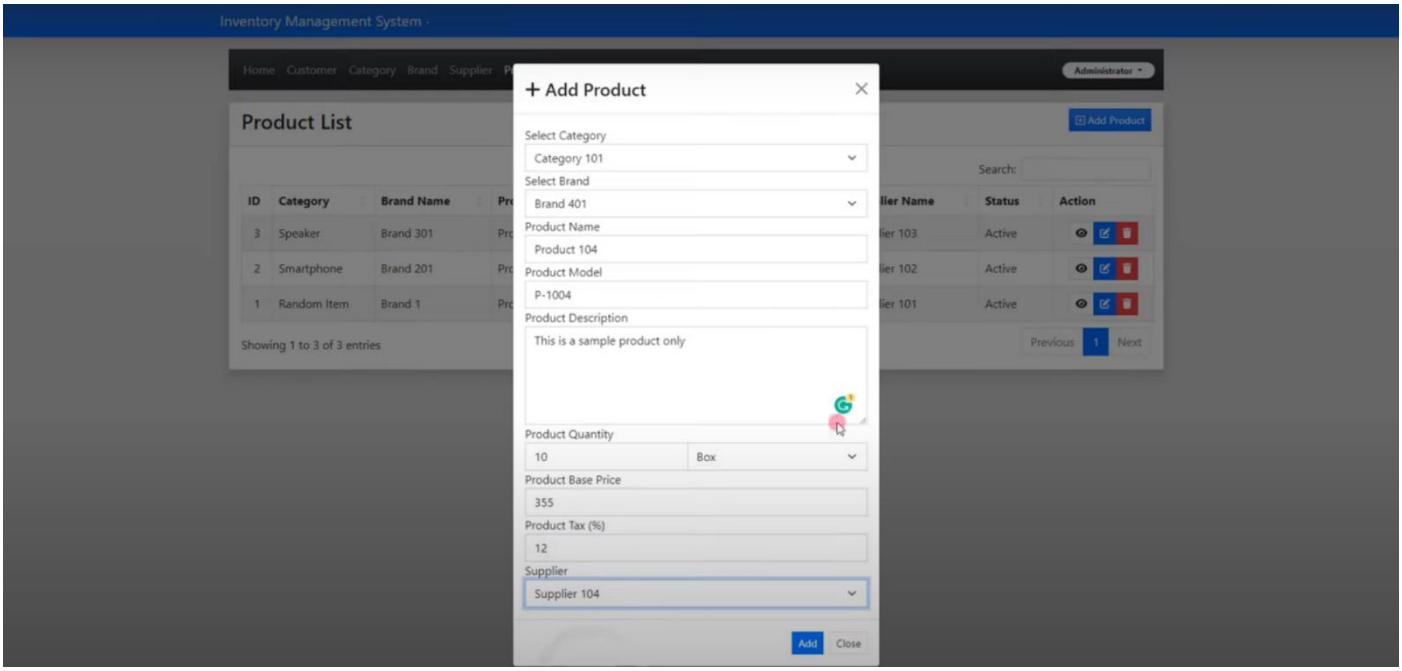
6. Supplier Module: User can **add supplier**, **List display**, **Edit**, **Delete**



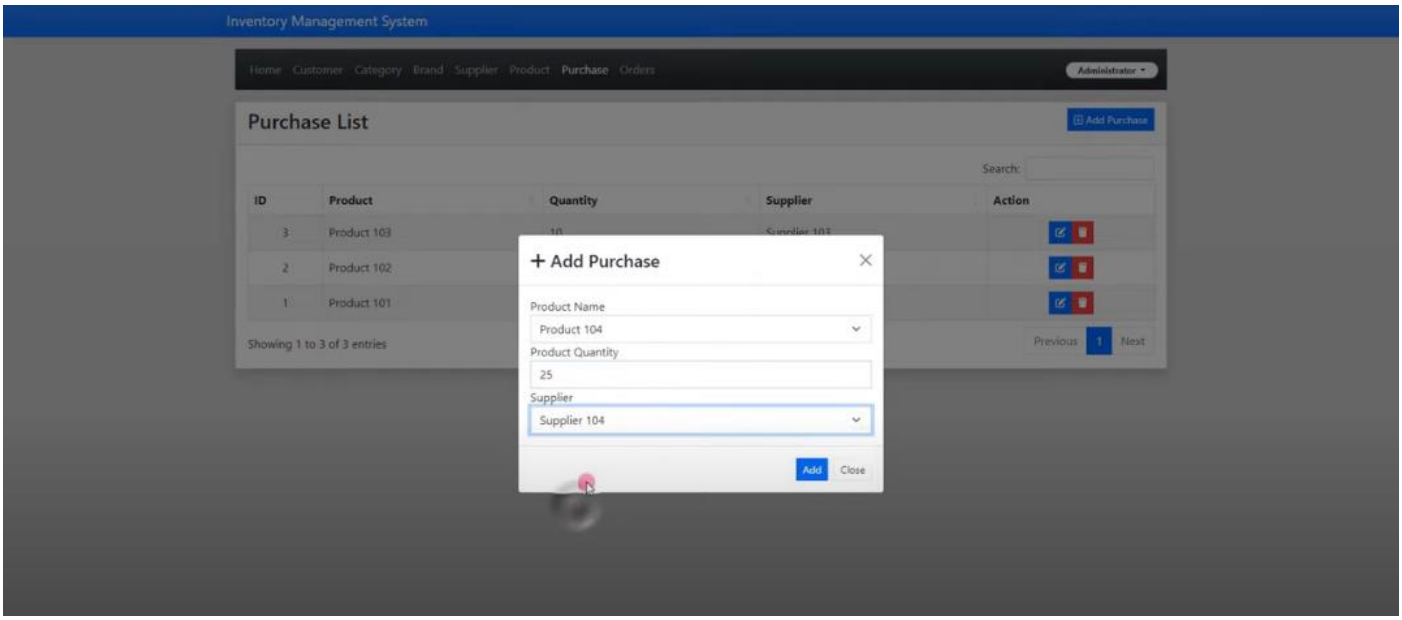


7. Product Module: User can **add Product**, **Product List**, **Edit**, **Delete**

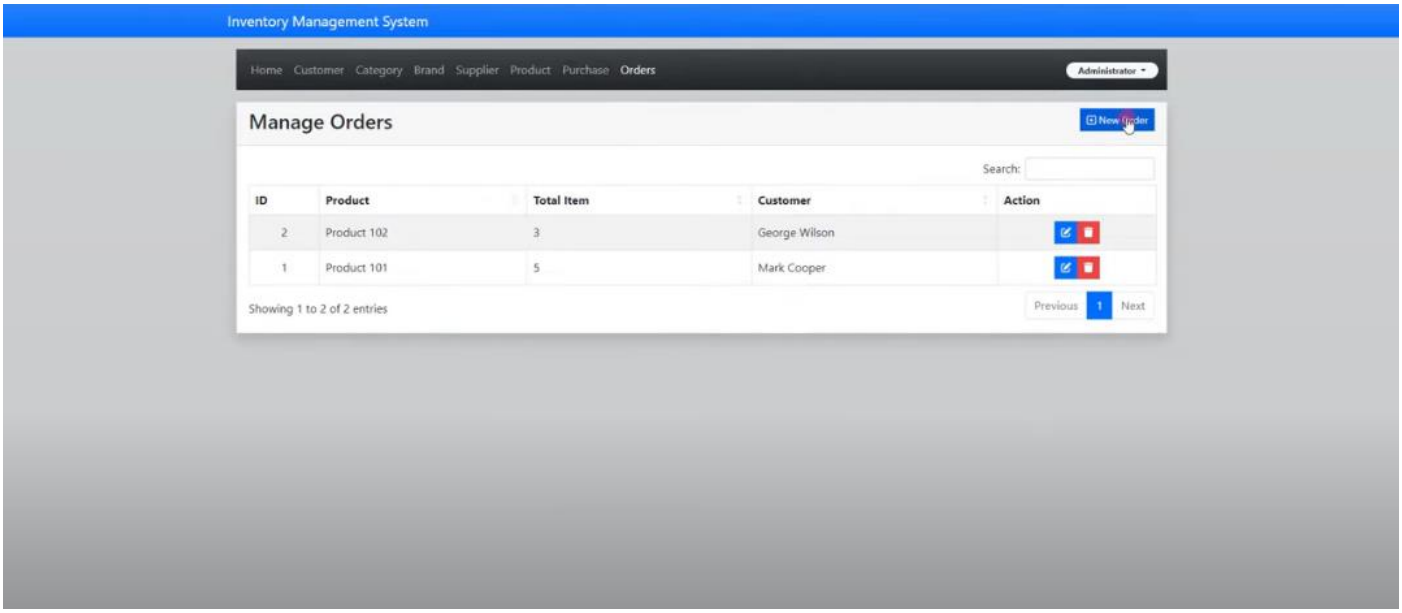


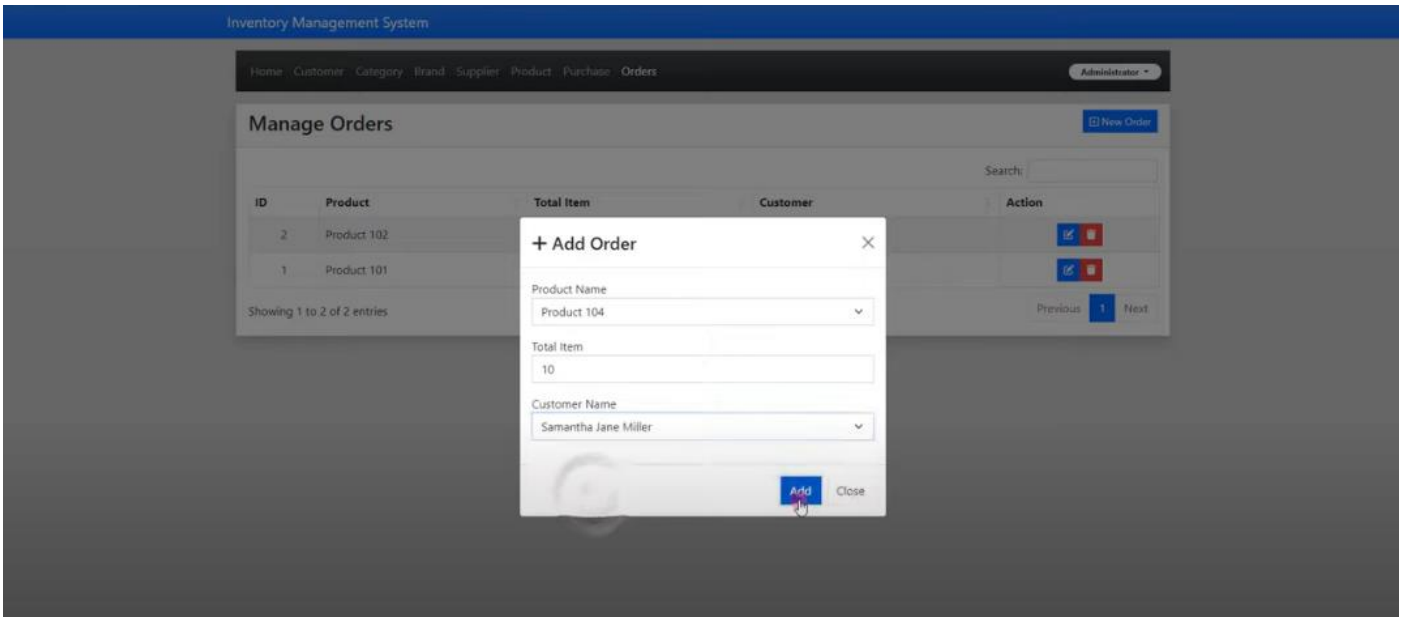


8. Purchase Module: User can **add Purchase**, **Purchase List**, **Edit**, **Delete.**



8. Orders Module: User can **add Orders**, **Orders List**, **Edit**, **Delete.**




Inventory Management System
Home Customer Category Brand Supplier Product Purchase Orders
Administrator
Manage Orders
New Order
Search:
ID
Product
Total Item
Customer
Action
2
Product 102
1
Product 101
Showing 1 to 2 of 2 entries
Previous
1
Next
+ Add Order
Product Name
Product 104
Total Item
10
Customer Name
Samantha Jane Miller
Add
Close