

Project Title: Online Shopping Website

Project Overview:

The goal of our project is to create a comprehensive online shopping platform that offers consumers a quick and straightforward way to shop. Users can explore, find, and buy products in a variety of website categories. The software would also facilitate order tracking and user account management.

Problem Statement:

The need for easily accessible and convenient online shopping platforms is more than ever in the current digital era. Consumers anticipate a wide selection of products, safe transactions, and an easy-to-use interface. Conversely, businesses need strong back-end systems to process orders and manage inventories. Our online store will meet these demands by offering robust back-end technology along with an easy-to-use front end.

Project Scope:

The project will encompass the following key functionalities:

1. User Registration and Authentication:

- Users can create accounts using email and password.
- Secure login and logout functionalities.

2. Product Catalog Management:

- Display products in various categories (e.g., Electronics, Fashion, Home Appliances).
- Search and filter products by name, category, price
- Detailed product Name, descriptions, images, and price.

3. Shopping Cart and Checkout:

- Add or remove products from the shopping cart.
- Update product quantities in the cart.
- Secure checkout process

4. Order Management:

- Track order status (e.g., Processing, Shipped, Delivered).
- View order history and details.
- Cancel or return orders.

5. User Account Management:

- View and update user profile information.
- Manage shipping addresses.

6. Admin Panel:

- Manage user accounts and roles.
- Manage product listings (add, edit, delete).

- Manage order status