

ONLINE BAG SHOP

Submitted by:

Pranav P K

Roll No: 22

S3 RMCA-B

Scrum Master:

Mr. Rony Tom

Assistant Professor

Amal Jyothi College of
Engineering

ABSTRACT

The "Online Bag Shop" project is a comprehensive e-commerce platform designed to provide users with a seamless and user-friendly experience for purchasing bags online. The project aims to create an intuitive and visually appealing online shopping environment where customers can browse, select, and purchase a variety of bags according to their preferences.

The platform offers a wide range of bag categories, including handbags, backpacks, travel bags, and more. Users can explore a diverse catalog of bags, view product details, and make informed purchasing decisions.

Admin:

- Dashboard and Overview.
- Product Management.
- Customer Management.
- Sales Analytics.
- Can view and make changes in the database.
- Can manage system maintenance and updates.

Customer:

- Product Details.
- Can register an account.
- Browse and search for products.
- Add products to the shopping cart.
- View and modify cart.
- Add location.
- Proceed to check out and make payment.
- View order history.
- Can add feedbacks.

Seller:

- Login using seller credentials.
- Can update and add new products.
- Can view feedbacks.

Delivery Boy

- Registration.
- Login and Authentication.
- Profile Management.
- Route Optimization.
- Delivery Confirmation.

Software Specifications

Front End: HTML/CSS

Back End: Python Django

Mini Project: Online Bag Shop

Modules:

Customer

- Can register and create an account - Customers can create an account by providing their name, email address, and password. Registration may also include optional information like contact number and address.
- Browse and search for products - Customers can browse the catalog of bags available for purchase. A search bar allows customers to quickly find specific bags or brands.
- View and modify cart.
- Wishlist/Favourites - Customers can save products to their wish-list for future reference or potential purchase.
- Proceed to check out and make payment - Customers choose a payment method, such as UPI, net-banking, or other options.
- Payment details are securely processed to complete the transaction.
- View order history.

Admin

- Dashboard and overview - Upon logging in, the admin is directed to the admin dashboard. The dashboard provides an overview of key metrics, such as total sales, new orders, and revenue.
- Product Management – Add new products, Edit product, Remove products
- Has access to all system functionalities.
- Order Management
 - View Orders-The admin can view a list of all orders placed by customers.
 - Order Details-The admin can click on an order to view detailed information including customer details, products ordered, and order status.
 - Update Order Status- The admin can update the status of orders as they progress (e.g., processing, shipped, delivered).
- Customer Management – View customer list, Customer Details.
- Sales Analytics - Provides sales reports, performance matrix.
- Security and Settings - The admin can manage their own account settings, including password changes.

Delivery Boy

- Registration - Allow new delivery personnel to register by providing their personal information, contact details, and documents for verification.
- Login and Authentication - Provide a secure login system with authentication mechanisms to ensure that only authorized delivery personnel can access their accounts.
- Profile Management - Allow delivery boys to update their profile information, including contact details, profile picture, and vehicle information.

- Order Details - Display order details including delivery address, items, payment status, and special instructions from customers.
- Delivery Confirmation - Allow delivery personnel to mark orders as delivered and capture the recipient's signature or photo as proof of delivery.

Main Project: Smart-Online Bag Shop

- Product recommendation – Implementing a recommendation system that suggest product to users based on their browsing history, purchase history and similar user behaviours.
- Personalized pricing – use ML to analyze customer behavior and set personalized prices or discounts that maximize sales while maintaining profitability.
- Search optimization – Enhance the sites search functionality by using natural language processing (NLP) to understand user queries return more accurate result.
- Chatbots and Customer Supports – implement AI powered chatbots to provide instant customer support, answer queries and assist with common issues.

Seller

- Login using seller credentials.
- Can update and add new products.
- Can view feedbacks.

Admin

- Can manage product provided by seller.
- Communication and support.

Delivery Boy

- Order Tracking - Provide real-time tracking of order delivery, allowing both customers and administrators to monitor the delivery progress.
- GPS Integration - Integrate GPS functionality to guide delivery personnel to the customer's location accurately.
- Customer contact - Allow delivery personnel to contact customers for directions or any delivery-related queries.
- Feedback and Rating.

References

<https://www.shoppersstop.com/women-bags-wallets-handbags/c-A202510>