



# E-COMMERCE APP GENERALSTORE

## **Capstone (Web Development)**

PROG8750 - Fall 2023 - Section 2

Harsh Navdiya (8869077)  
KevalKumar Bharatbhai (8879377)  
Sagar Malhotra (9923081)

Submitted to  
Shagun

## Ecommerce App – GeneralStore

URL: <https://bored-bedclothes-moth.cyclic.app/>

### Purpose:

Our E-commerce website project, which was created with the MERN Stack technology stack, aims to create a stable and intuitive online marketplace. The objective of this platform is to enable smooth transactions for a wide variety of products, such as phones, shoes, TVs, clothes, and other things, among others. The main goal is to satisfy end users' and administrators' requirements by putting in place separate client-side and admin-side interfaces.

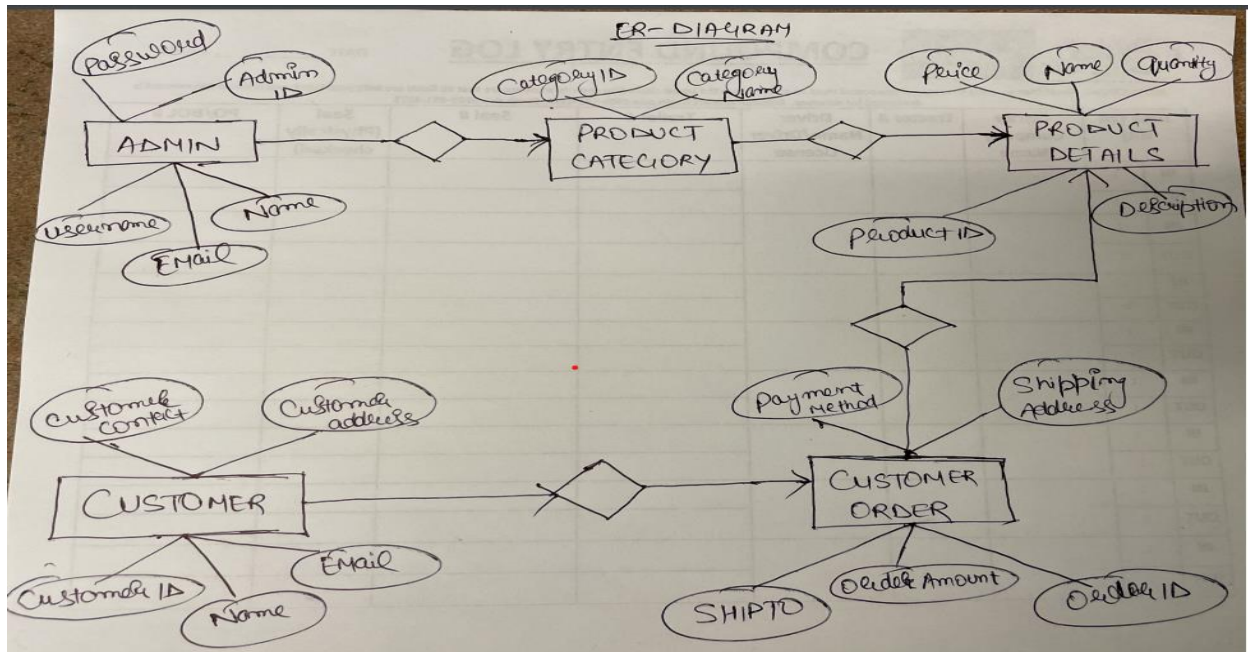
### Important features and components of our e-commerce website consist of:

- **User-Friendly Interface:** To improve clients' entire buying experience, the website will have an easy-to-use and visually appealing user interface.
- **Product Catalog:** In-depth product information will be supplied, including specifications, pictures, and descriptions, so users can make well-informed purchasing selections.
- **Secure User Authentication:** To protect user account security and privacy and to build platform confidence, strong authentication procedures will be put in place.
- **Checkout and Shopping Cart Systems:** Users can add, remove, and manage the things they have chosen with the help of a productive shopping cart system. Transactions will go more smoothly and securely with a shortened checkout process.
- **Payment Gateway Integration:** By integrating safe payment gateways, consumers will be able to conveniently make payments online. This will improve accessibility by supporting a variety of payment methods.

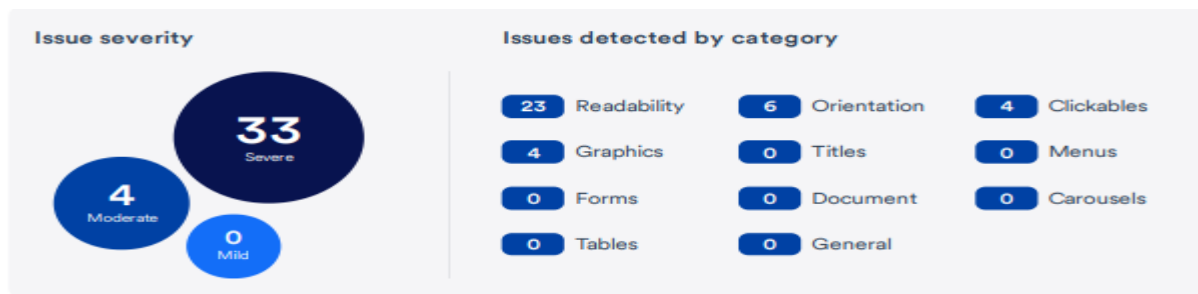
- **Admin Dashboard:** To give administrators the resources they need to monitor user behavior, manage products, and track orders, an administrative interface is being built.
- **Inventory Management:** With the system's powerful inventory management tools, administrators will be able to keep track of stock levels, replenish products, and control product availability.
- **Responsive Design:** Assuring accessibility and a consistent user experience on PCs, tablets, and mobile devices, the website will be made to be responsive across a range of devices.
- **Functionality for Search and Filtering:** A robust system for searching and filtering will be put in place to assist customers in finding the products they want, fast, depending on a variety of parameters such brand, price range, and category.

Our e-commerce website seeks to satisfy the demands and expectations of administrators and customers in the ever-changing e-commerce market by combining these components to offer a thorough and feature-rich shopping experience.

## ER diagram:



## Accessibility Checking Report:



**Fix accessibility errors with accessiBe**

[Start Free Trial →](#)

This audit is subjected to the [terms of service](#)

#	Element	Relevant	Successes	Failures	Score
1	Elements that behave as buttons but are built using other tags such as span, div, a or others, should include a "role" attribute that equals to "button".	Yes	8	4	67%

## Features:

### Client-side Features:

- **Home Page:**

Dynamic slider in the header that highlights the products that are featured.

A rotating display showcasing the most recent products added to the catalog.

Footer with important information and links for the convenience of the user.

- **Register:**

Quickly up for a new account to gain access to unique rewards and customized shopping experiences.

- **Login Page:**

Users can access their accounts and complete purchases through a secure login site.

- **Cart Page:**

Customers can evaluate and manage the products they have picked before checking out with this user-friendly page.

- **Shop Page:**

Extensive search capabilities for product inquiries.

Product research made easy with sophisticated filters, sorting choices, and the ability to switch between list and grid views.

- **Product Details Page:**

Comprehensive product data, including features like descriptions, excellent photos, testimonials from customers, and cost information.

- **Checkout Page:**

simplified, safe checkout procedure with adaptable shipping and payment choices.

- **My Order List Page:**

Easy access to a thorough order history and up-to-date order status information.

- **Order Details Page:**

complete analysis of every order, offering detailed product and shipment information.

- **Forgot Password Page:**

Users can forget their password using give correct answer of the question which id input while registering.

- **My Profile Page:**

User-friendly profile page that lets you manage personal data and change preferences for a customized experience.

## **Admin-side Features:**

- **Dashboard Page:**

A thorough overview that gives administrators instant access to sales and total profits data, offering insightful information on the platform's effectiveness.

- **All Product List Page:**

A central portal that shows the entire product inventory and has easy-to-use tools that help administrators add or remove things as needed.

- **Create Category:**

An effective solution that allows administrators to easily add, modify, and oversee product categories, guaranteeing a product catalog that is both arranged and easy to navigate.

- **Create Product:**

Admins can quickly add, update, and manage individual goods within pre-designated categories because to the interface's simplification.

- **Order Details Page:**

All customer orders are displayed in a complete interface that gives administrators the opportunity to view extensive order information and the flexibility to change the status of an order depending on real-time updates.

**GitHub Link:**

<https://github.com/hpnavadiya/GeneralStore>

**Demo Video Link:**

[https://github.com/hpnavadiya/GeneralStore/blob/main/Group8\\_GeneralStore\\_DemoVideo.mp4](https://github.com/hpnavadiya/GeneralStore/blob/main/Group8_GeneralStore_DemoVideo.mp4)