

ABSTRACT

TechTrove - Online Mobile Store

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‘**TechTrove**’ is an online mobile shopping platform that intends to provide a quick and user-friendly platform for users to explore, select, and purchase a wide choice of mobile devices from various brands and categories. The website is intended to improve the whole shopping experience by providing a streamlined interface, secure transactions, and tailored recommendations. This system is intended to handle all admin, user and delivery person activities.

The shopping site has an effective product listing and search system that allows users to easily select mobile devices based on criteria such as brand, price range, features, and customer ratings. This improves the user experience and allows for more efficient product discovery.

Furthermore, the website employs responsive design concepts, ensuring interoperability across various devices such as PCs, tablets, and mobile phones. Users can now access the site from multiple platforms and enjoy a consistent and optimized shopping experience.

In conclusion, the online mobile shopping site aspires to be a comprehensive and user-friendly platform for purchasing mobile gadgets. The website attempts to improve the whole shopping experience for customers in the digital era by providing a user-friendly layout, customized profiles, secure payment choices, and rapid order tracking.

There are mainly three modules

- Admin
- User
- Delivery Person

Admin

The Admin module in an online mobile shopping platform normally includes a variety of tools and functionalities for handling and overseeing the platform's operations. Admins can access the backend portal by logging in with secure credentials. They may then maintain product listings, adjust inventory levels, and guarantee that customers see accurate product information. The admin is also in charge of assigning delivery person. Some key features:

- Adding, updating, deleting products
- View Customers
- View Carts
- View Wishlist
- View Products
- View the order placed
- Remove the customer
- Approve or deny registration of a delivery person
- View delivery status updates

Users

The users module aims to provide a user-friendly interface, customizable features, safe transactions, and effective order management to ensure customer satisfaction and convenience.`

This module provides a simple and convenient experience for visitors. Visitors can browse through the mobile product catalog, view complete product information, and add selected items in their shopping carts, but they are required to register for an account in order to complete the checkout process. Registered customers can modify their personal information, examine order history, track shipments, and alter preferences in their accounts.

The module offers an easier and secure checkout process. During the checkout process, users are given clear information regarding shipping charges and order summaries

The user module is responsive across numerous platforms, such as PCs, tablets, and mobile phones, to guarantee a consistent and optimum experience. Users may now effortlessly visit the site and make purchases from any device, at any time.

Some key features:

- Account Creation and Management
- Product browsing and searching
- View Product Specifications
- Shopping Cart and Wishlist
- 3D View of Product
- Product Comparison
- Voice Search & Translation
- Payment gateway integration
- Order Tracking
- Review and Ratings
- ChatBot

Delivery Person

The delivery module offers delivery personnel with a real-time view of assigned delivery jobs. It allows them to rapidly access order details, delivery locations, and customer contact information.

Some key features:

- Registration and Login
- View orders assigned and delivery locations
- View customer contact information
- Updating delivery status

ADVANTAGES

- Convenience
- Efficiency
- Wide Product Offering
- Ease of Product Comparison
- Easy Payment Options
- Personalized Recommendations

EXISTING SYSTEM

Customers must allot time for travel, parking, and shopping in the current system. This might be tough for people who have hectic schedules, employment responsibilities, or other time restraints that make it difficult to find devoted time for shopping. Physical stores have specified opening hours and frequently stick to a strict schedule. These hours may not correspond to customers' availability, particularly for those who work late shifts, have irregular schedules, or prefer to shop outside of typical store hours.

Some physical stores have delivery services, so offline management of each order and delivery person is a common duty. It takes extra workers and a supervisor to collect updates from the delivery person and manually assign fresh deliveries.

DISADVANTAGES

- Geographic Limitations
- Time Constraints
- Limited Store Hours
- Crowded Stores
- Parking and Transportation Challenges
- Inconvenience during Adverse Conditions