TECHTROVE

Online Mobile store Platform

INTRODUCTION

- "TechTrove" is your go-to online mobile shopping platform, offering a user-friendly experience and a wide range of mobile devices.

- Our platform streamlines the shopping experience, ensuring secure transactions, tailored recommendations, and efficient product discovery.

- With an effective product listing and search system, users can easily find mobile devices based on brand, price, features, and customer ratings.

- We prioritize responsiveness, making the platform accessible on various devices, from PCs to mobile phones, for a consistent shopping experience.

- "TechTrove" is dedicated to enhancing the digital shopping experience, providing customized profiles, secure payments, and rapid order tracking for customers.
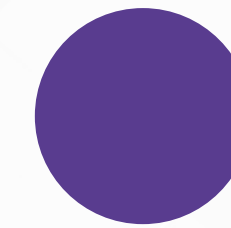
USERS

ADMIN

- View and manage products
- Add and manage category, subcatgeory.
- View orders
- Approving or denying delivery person registrations.
- Delivery Tracking

CUSTOMERS

- Browse and search for mobile products
- Manage their profile
- Add mobiles to wishlist and cart
- Leave review and ratings

DELIVERY PERSON

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

FUNCTIONALITIES

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.

- They 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 deliveryperson.

Category Management

- Admin can add and edit categories, preventing duplication and enhancing the browsing experience

Stock Control

- Admin manage product stock offering a centralized view of stock availability

Product Management

- Admin can add, edit and delete products, preventing duplication and enhancing the browsing experience

View Order

- Admin can efficiently monitor orders, ensuring a smooth transaction process.

FUNCTIONALITIES

CUSTOMER

- Customers enjoy a seamless experience on TechTrove's mobile store.

- They personalize their profiles, browse and add mobile devices to their cart, and even make reservations.

- Customers can create wishlists, track their orders, and provide reviews and ratings.

- The search feature simplifies finding specific mobile products

Profile Enhancement
Customers have the option to enhance their profiles and update passwords if necessary

Product Search
Customers can find specific mobiles and check their availability on the platform.

Wishlist Creation
Customers can add their favorite phones to wishlists for easy access and future selection.

Add to Cart
Users can collect and save items they intend to purchase, streamlining the online shopping process.

Product Comparison
Helps users make informed purchasing decisions by allowing them to assess and contrast different product features, specifications, and prices in one place.

TECHNOLOGIES USED

FRONT END

The interface is crafted with HTML and CSS, ensuring an appealing and responsive design. HTML structures the content, while CSS styles it, creating a visually pleasing and intuitive platform for our users.

BACK END

The backend runs on Python, a versatile and reliable programming language. Python provides the backbone for managing user interactions, processing data, and ensuring the platform's smooth functionality.

DATABASE

SQLite, a lightweight and efficient database management system, is used to securely store and organize data. It guarantees data integrity and accessibility, ensuring that user information and product details are managed flawlessly

FRAMEWORK

The framework used is Django, which is a high-level Python web framework. Django simplifies complex processes, such as user authentication, data manipulation, and URL routing, and keeps the platform robust and secure.

FUTURE SCOPE

AUGMENTED REALITY (AR) INTEGRATION

Integrate AR technology for virtual product try-ons, enabling users to visualize how mobile devices look and function in their real-world environment before making a purchase.

VOICE COMMERCE:

Integrate voice commerce capabilities, allowing users to make purchases and interact with the platform using voice commands and virtual assistants.