Mobile Shop proposal

Team Name: Tech Hive

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Project Vision

Our project aims to develop an online **Mobile Store Website** that provides users with an easy, fast, and reliable way to browse, compare, and purchase smartphones and accessories.
The platform will include advanced search and filtering options, detailed product specifications, user reviews, and a secure checkout system.
Our goal is to offer a seamless and modern shopping experience with responsive design and real-time inventory management.

Target Audience

This application is designed for:

- **Customers** who want to buy smartphones and accessories online easily.
- **Mobile shop owners** who wish to display and sell their products digitally.
- **Tech enthusiasts** who compare device specifications and prices before purchasing.

Core Features:

I. Customer Experience (Browsing, Shopping & Checkout):

As a Customer, I want to search for a specific phone model or accessory so that I can quickly find the product I am interested in buying.

As a Customer, I want to view multiple high-resolution product images and detailed specs so that I can make a fully informed purchasing decision.

As a Customer, I want to add items to a persistent shopping cart so that my selections are saved even if I leave the site and return later.

As a Customer, I want to easily create an account using my email or a social login so that I can manage my orders.

As a Customer, I want to filter and sort products by price, brand, and key specifications so that I can efficiently narrow down my purchasing options.

As a Customer, I want to apply a promotional discount code during the checkout process so that I can claim my savings.

II. Store Management & Operations:

As a Store Manager, I want to generate and manage various discount codes (e.g., percentage off, fixed amount) so that I can run promotional campaigns.

As a Store Manager, I want to add new product listings (phones/accessories) including names, descriptions, and images so that I can expand the product catalog.

As a Store Manager, I want to quickly update the stock quantity and price for any existing product so that the website inventory remains accurate.

As a Store Manager, I want to manually change the status of an order so that I can update customers on the fulfillment progress.

As a Store Manager, I want to receive an automated alert when any product stock drops below 10 units so that I can proactively reorder inventory.

III. System & Non-Functional Requirements

As a System, I want the entire website to render correctly and function seamlessly on all major mobile devices so that customers can shop from anywhere.

As a System, I want all sensitive customer data (passwords, payment details) to be encrypted both in transit and at rest so that security is guaranteed.

Links:

Github Repository: https://github.com/AmirSh-82/SE-Lab-Mobile.git

Trello Board:
https://trello.com/invite/b/6905c1bee0bdda2c8d2ef159/ATTla6809cb4b2ed6559e9a2c2608cb64b1e82698E09/se-lab-mobile-shop-project