

DEVELOPING WEBPAGES USING ANGULAR



VOLT & VISION

INTRODUCTION

Welcome to the presentation on “Volt & Vision”, an innovative electronics gadget store. This project aims to enhance the experience of the users by providing the enhanced user experience and user's has to know more about the gadgets.

Presenter Details

Presenter : DHARUN N

PROBLEM STATEMENT

- ◆ **User Authentication & Authorization :** Implementing secure user login and signup using Firebase or a backend API.
- ◆ **Cart & Checkout Challenges :** Updating cart items dynamically and maintaining state across pages.
- ◆ **UI / UX Challenges :** Designing a user-friendly interface with intuitive navigation.
- ◆ **Product Management Challenges :** Fetching and displaying product details dynamically from the database. Categorizing products (Laptops, Gaming Accessories, Mobiles, etc.) efficiently.

PROJECT OVERVIEW

Volt & Vision is a cutting-edge, high-end **electronics gadget store** designed for tech enthusiasts, gamers, and professionals.

Key Features:

- ✓ **Exclusive Product Collection** – Explore the latest gadgets, gaming consoles, and high-performance electronics.
- ✓ **Smart Search & Filtering** – Find products easily with category-based filtering and search functionality.
- ✓ **User Authentication & Cart** – Secure login system with the ability to save favorite items for later.

PROJECT FLOW

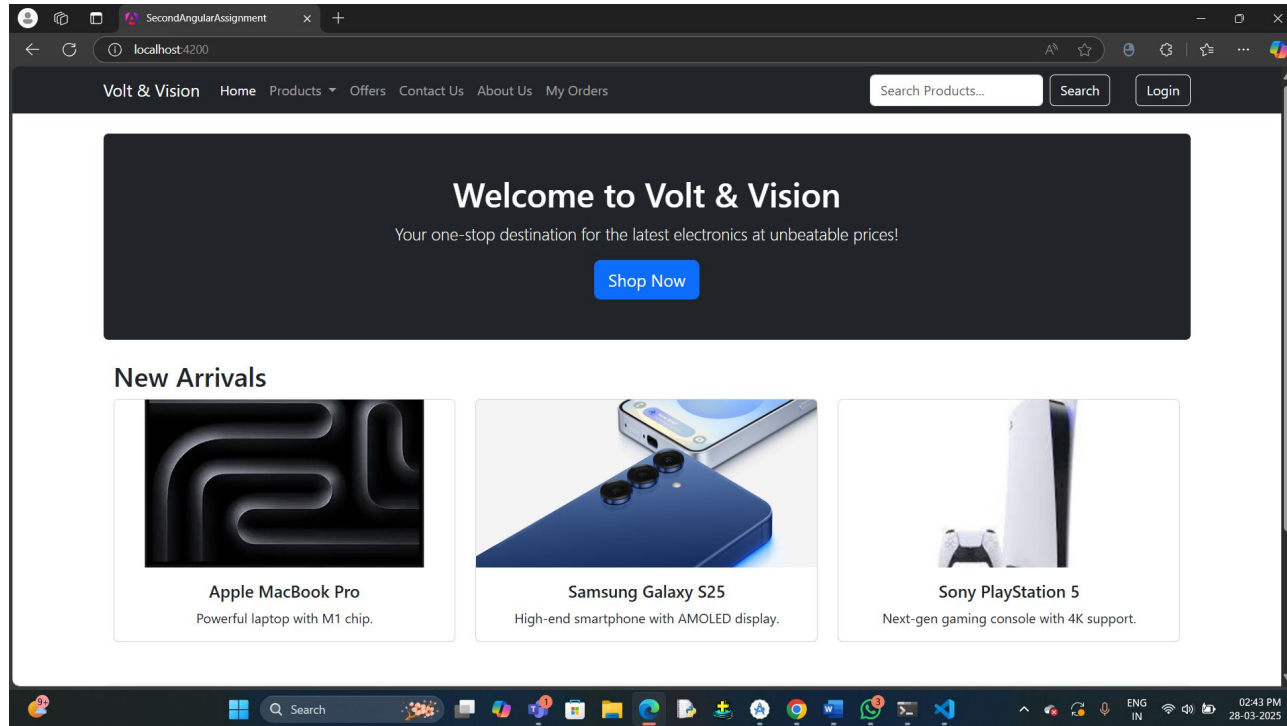
- ✓ **Home Page:** Featured products, offers, and trending gadgets.
- ✓ **Product Listings:** Categorized by **Laptops, Mobiles, Gaming, Accessories, etc.**
- ✓ **Product Details Page:** Includes images, specifications, reviews, and pricing.
- ✓ **Search Bar :** Users can search the required products by using search bar.
- ✓ **Cart System:** Add/remove items from the cart with a live total price update..
- ✓ **User Authentication:** Login/Signup with Firebase or backend authentication (JWT).
- ✓ **MyOrders Page:** Displays past orders with real-time order tracking.

TECH STACK

- ◆ **Frontend** : Angular for a dynamic and responsive UI.
- ◆ **Backend** : JSON Server for easy data management.
- ◆ **Image Hosting** : Ngnix for fast image loading.
- ◆ **Storage** : Local Storage for user preferences.

SCREENSHOTS

HOME PAGE



PRODUCT PAGE

SecondAngularAssignment

localhost:4200/laptops

Volt & Vision

Home

Products

Offers

Contact Us

About Us


My Orders

laptops

Search

Login

Latest Laptops




Apple MacBook Air M2
Apple

Powerful Apple M2 chip with a stunning Retina display.

~~₹128890~~

₹116001.00 (After 10% Off)

Buy NowAdd to Cart




Dell XPS 15
Dell

Ultra-slim design with a 4K touchscreen display.

~~₹67850~~

₹61065.00 (After 10% Off)

Buy NowAdd to Cart




HP Spectre x360
HP

A versatile 2-in-1 laptop with a powerful Intel Core i7.

~~₹78000~~

₹70200.00 (After 10% Off)

Buy NowAdd to Cart



Asus ROG Zephyrus G14
Asus

Gaming laptop with Ryzen 9 processor and RTX 4060 GPU.

~~₹69000~~

₹62100.00 (After 10% Off)

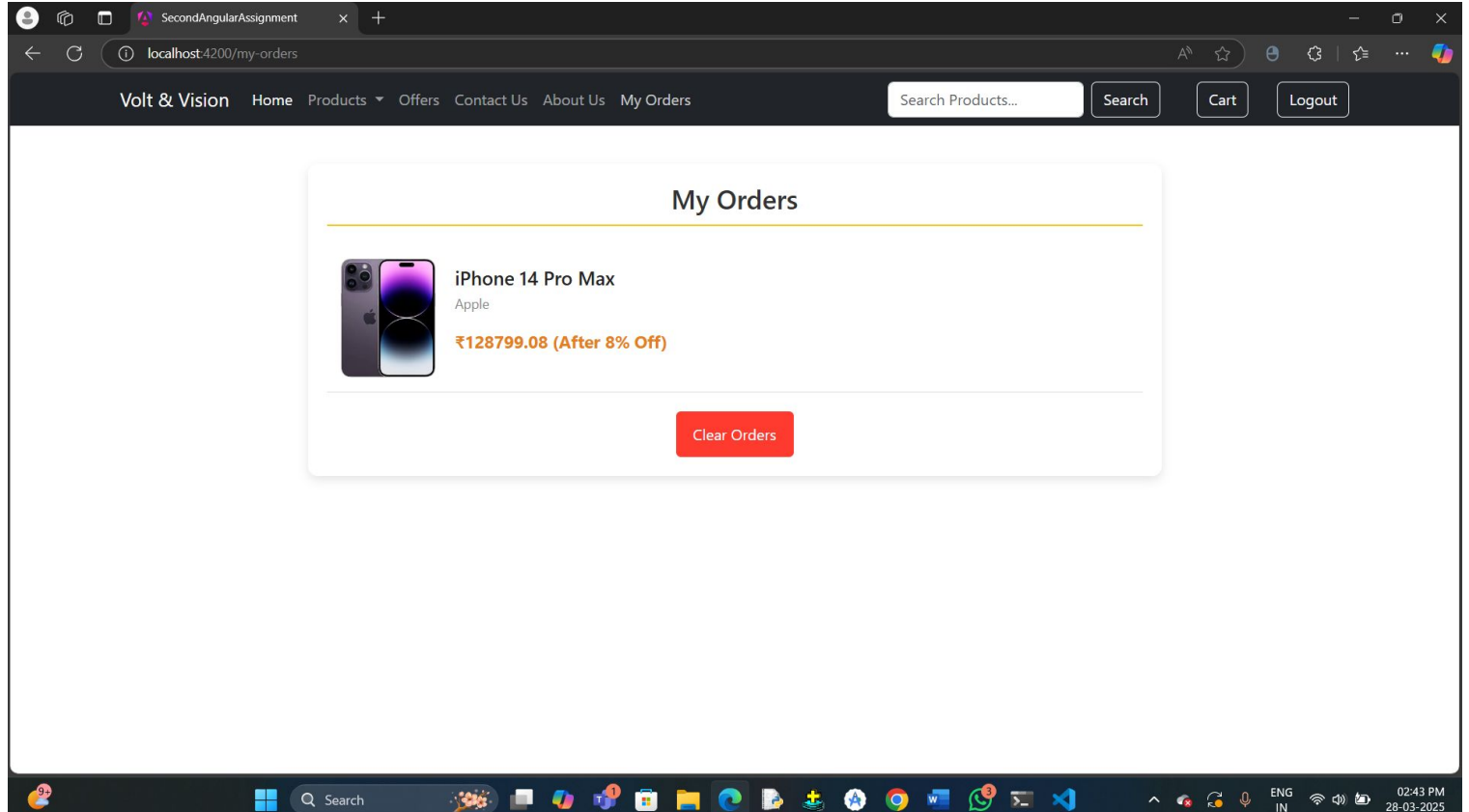
Buy NowAdd to Cart

Search

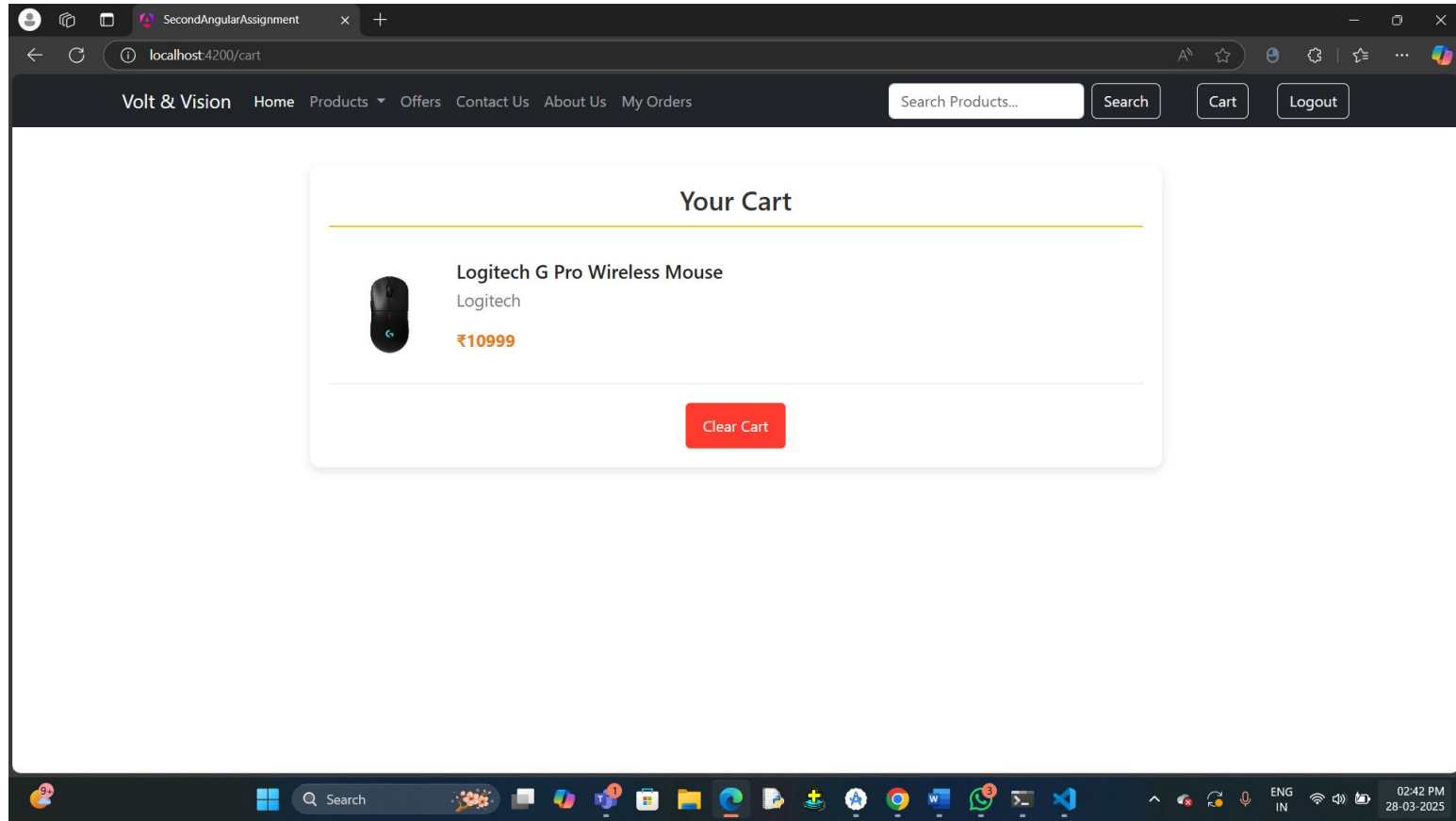
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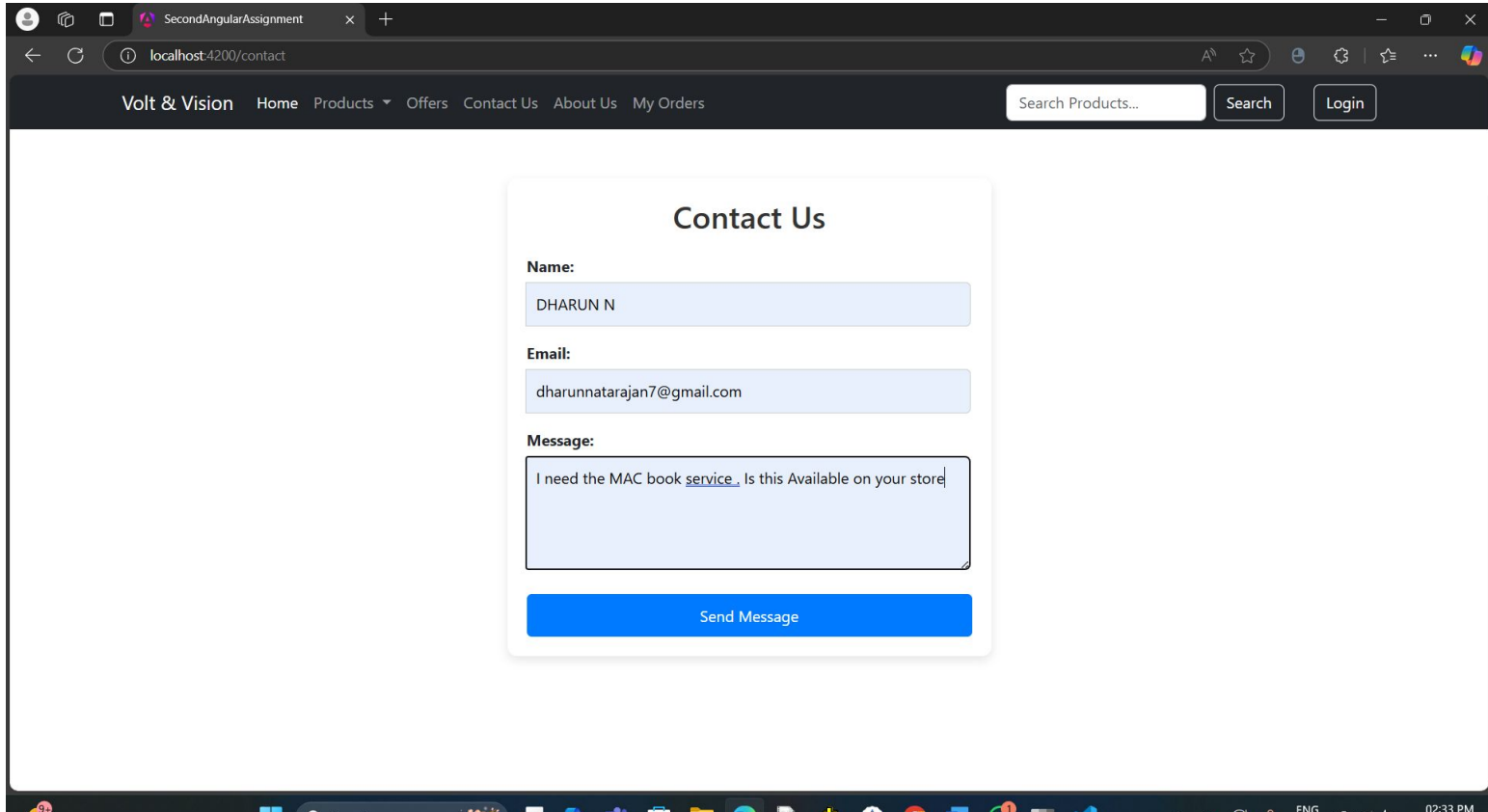
MYORDERS PAGE



CART PAGE



CONTACT US PAGE



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/contact'. The website has a dark header with the navigation menu: 'Volt & Vision', 'Home', 'Products', 'Offers', 'Contact Us', 'About Us', and 'My Orders'. There is a search bar with the placeholder text 'Search Products...' and buttons for 'Search' and 'Login'. The main content area features a 'Contact Us' form with the following fields:

- Name:** A text input field containing 'DHARUN N'.
- Email:** A text input field containing 'dharunnatarajan7@gmail.com'.
- Message:** A text area containing the text 'I need the MAC book service. Is this Available on your store'.

Below the message field is a blue button labeled 'Send Message'.

CONCLUSION

✅ **Seamless Shopping Experience** – Intuitive design, advanced search, and secure checkout for effortless gadget shopping.

✅ **Fast & Reliable Platform** – Optimized performance, real-time order tracking, and responsive design for all devices.

✅ **Future-Ready Innovation** – AI-powered recommendations, live support, and enhanced features for continuous improvement.