Hackathon Project Report - Day 4

After three days of hard work, I am now progressing on Day 4 of my Hackathon project. The project revolves around developing a general e-commerce website with a strong focus on functionality, user experience, and efficiency. Here's an overview of my progress and key features implemented so far:

Next.js and Tailwind CSS

For this project, I used Next.js as the primary framework for building the frontend, leveraging its powerful features like server-side rendering (SSR) and static site generation (SSG). Tailwind CSS was utilized to style the application, ensuring a responsive and visually appealing user interface. The combination of these technologies allowed me to rapidly develop components with clean, maintainable code.

Key Components

I have successfully implemented multiple essential components for the e-commerce platform, including:

-Shop: Create a Shop Section add filter functionality

- Add to Cart: Allows users to add products to their cart with real-time updates.

- Checkout: A streamlined and secure checkout process.

- Filters: Enables users to filter products based on categories, price, and other attributes.

Dynamic Routing

Dynamic routing has been integrated to create seamless navigation within the website. Each product and category has its own dynamically generated page, enhancing scalability and maintainability.

Sanity CMS Integration

Sanity CMS was integrated into the project to manage and fetch data efficiently. Using GROQ queries, I retrieved data from Sanity's backend and displayed it dynamically on the frontend. This approach ensured that the website content remains easily manageable and highly customizable.

User-Friendly UI

The website features a user-friendly and intuitive interface designed to provide an excellent user experience. Attention was given to responsiveness, accessibility, and visual aesthetics, ensuring the platform is easy to navigate across all devices.