

Day 7 Documentation Page: E-commerce Website Development Journey

Website Name: Furnish & Find

Website Link: <https://hackathon-market-place-builder-git-main-anus-butts-projects.vercel.app/>

Student Information:

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 - **Slot:** Monday, 2 PM to 5 PM
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Introduction

This documentation outlines my journey in developing a fully functional e-commerce website using Sanity, Next.js, and TypeScript. The project demonstrates the seamless integration of a headless content management system (Sanity), the performance benefits of server-side rendering (Next.js), and the reliability of strong typing (TypeScript).

Through this experience, I applied key concepts from Quarter 1 (focused on TypeScript) and Quarter 2 (focused on Next.js), transforming theoretical knowledge into practical implementation. This documentation provides insights into the challenges faced, solutions implemented, and overall learning outcomes.

Testing and Bug Fixing

Throughout the project, I conducted thorough testing of core functionalities like:

- Product listing and details pages
- Shopping cart functionality
- Search and filter options

Some challenges included incorrect API calls and search bar issues, but debugging and refining API requests helped resolve them efficiently.

Acknowledgments

I am incredibly grateful to the following individuals for their guidance and support:

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- **Sir Ameen Alam**
- **Sir Asharib Ali**
- **Sir Daniyal Nagori**
- **All Teaching Faculty**

Their expertise and feedback played a significant role in my learning journey.

Conclusion

Building this e-commerce website has been a rewarding experience, allowing me to apply knowledge from both TypeScript and Next.js in a real-world project. By integrating Sanity, I gained insights into headless CMS solutions, while Next.js improved my understanding of SSR and SSG techniques. This project has significantly strengthened my full-stack development skills, and I look forward to applying these learnings in future endeavors.

Thank you for reading!

Best Regards,
Anus Butt