

Day 6: Deployment Preparation and Staging Environment

Introduction:

Day 6 focuses on preparing the Furninest Marketplace for deployment by setting up a staging environment and ensuring the application is production-ready. This involves deploying the app, testing its functionality, performance, and security, and updating documentation accordingly.

Key Learning Outcomes:

- Staging Environment Setup: Deployed the app to Vercel for a production-like testing environment.
- Environment Variables: Configured sensitive data (e.g., API keys) securely in Vercel.
- Testing: Performed functional, performance, and security testing.
- Documentation: Organized and updated project documentation and reports.

Deployment and Testing:

Platform:

The application was successfully deployed to Vercel for both staging and production.

Production URL: <https://syedhuzaifa-furninest-marketplace-hackathon.vercel.app/>

Testing Conducted:

- Functional Testing: Verified key features like product listings and cart functionality.
- Performance Testing: Used Lighthouse to analyze app speed and responsiveness.
- Security Testing: Ensured secure handling of sensitive data and HTTPS implementation.

Final Checklist:

Task	Status
Deployment Preparation	Yes
Staging Environment Testing	Yes
Documentation	Yes
Form Submission	Yes
Final Review	Yes