

Day 6

Deployment & Staging Setup

Deployment & Staging Environment Setup

1. Selecting a Hosting Platform

- Deployed the project on Vercel
- Connected the GitHub repository for automated deployments

2. Configuring Environment Variables

- Stored API keys and database credentials securely in the .env file
- Uploaded environment variables securely on the hosting platform

3. Deploying to Staging

- Deployed the latest version to the staging environment
- Validated the build and resolved any deployment errors

Testing in Staging

- **Functional Testing:** Verified core features like cart, checkout, and payments
- **Performance Testing:** Analyzed speed and load time using Lighthouse
- **Security Testing:** Ensured HTTPS enforcement and API key security
- **Error Handling:** Identified and fixed issues found during staging

Documentation Updates

- **Test Reports** – Documented results of functional and performance testing
- **GitHub Repository** – Maintained structured folders and organized codebase.

Github Repository link: <https://github.com/KAbbasi006/Nike-store>

Vercel deployment link: <https://nike-store-phi-bay.vercel.app>