

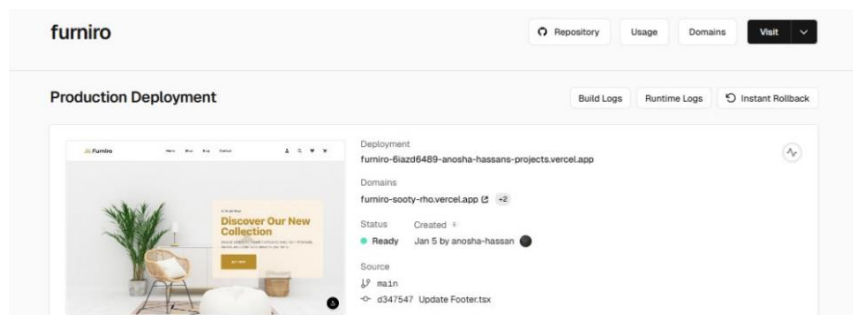
DAY 6-Deployment and Staging Envirnoment Setup

Objective/Overview

The focus of Day 6 is to prepare the furniture marketplace for deployment by establishing a staging environment, configuring hosting services, and ensuring the application is production-ready. The aim is to create a reliable and high-performing foundation to deliver an exceptional user experience.

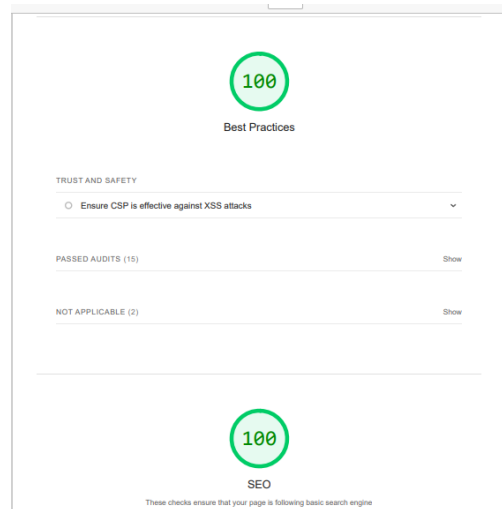
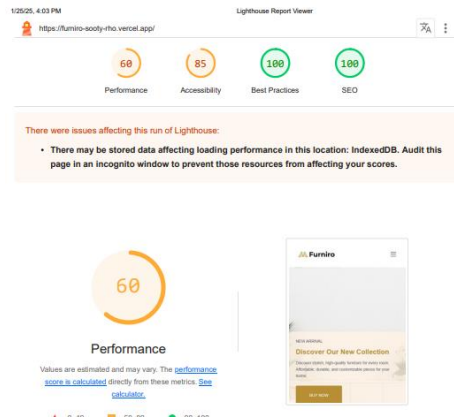
Deployment Environment: (Vercel Platform)

Vercel has been chosen as the hosting platform due to its advanced features for modern web applications. Its seamless integration with Next.js enables optimized performance, fast build times, and efficient deployments. Additionally, Vercel's automatic scaling and global CDN infrastructure guarantee reliability and low latency for users worldwide.



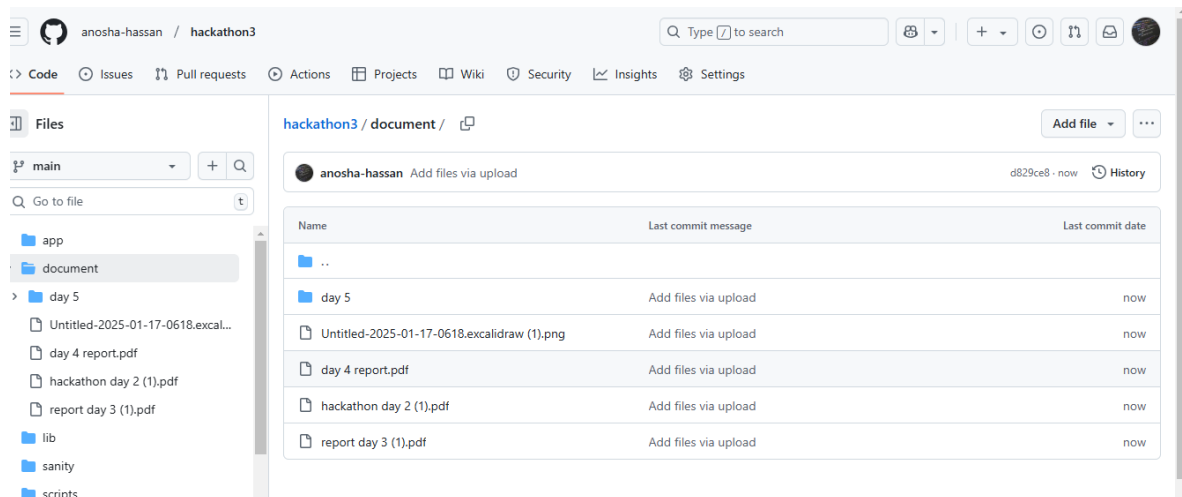
Testing with Lighthouse

Lighthouse testing will be conducted to evaluate the application's performance, accessibility, and SEO. This ensures that the marketplace meets top-tier standards and delivers an excellent user experience. Optimization based on the Lighthouse audit results will enhance the app's readiness for deployment.



Integration with GitHub

GitHub will serve as the version control tool to manage the repository, track changes, and integrate seamlessly with Vercel for automated deployments. This approach ensures smooth collaboration and simplifies ongoing application maintenance.



Finalizing for Production

By completing these processes, the staging environment will reflect the production setup, enabling realistic testing and resolving potential issues. This ensures a seamless marketplace experience upon deployment for end-users.