

Day 6 - Deployment Preparation and Staging Environment Setup – Furniro

Introduction:

On Day 6, the focus is on preparing the Furniro Marketplace for deployment by establishing a staging environment and ensuring the application is fully optimized for production. This involves deploying the app to a staging platform, conducting thorough testing to validate functionality, performance, and security, and updating all relevant documentation to reflect the changes.

Key Learning Outcomes:

- **Staging Environment Setup:** Successfully deployed the application to Vercel, creating a production-like environment for testing.
- **Environment Variables:** Securely configured sensitive data, such as API keys, within Vercel to ensure data protection.
- **Testing:** Conducted comprehensive testing, including functional, performance, and security checks, to ensure the app meets production standards.
- **Documentation:** Updated and organized project documentation and reports to reflect the latest changes and deployment details.

Deployment and Testing:

- **Platform:** The application was deployed to Vercel for both staging and production environments.
 - **Production URL:** <https://furniro-ecommerce-sabeh.vercel.app/>
- **Testing Conducted:**
 - **Functional Testing:** Verified that core features, such as product listings and cart functionality, operate as intended.
 - **Performance Testing:** Utilized Lighthouse to evaluate the app's speed, responsiveness, and overall performance.
 - **Security Testing:** Ensured secure handling of sensitive data and confirmed the implementation of HTTPS for secure communication.

Final Checklist:

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