

## Day 6 - Deployment Preparation and Staging Environment

### Setup - Furniro

#### Introduction:

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

#### Key Learning Outcomes:

- **Staging Environment Setup:** Deploying the app to **Vercel** for a production-like testing environment.
- **Environment Variables:** Securely configuring sensitive data (e.g., API keys) in Vercel.
- **Testing:** Validating the app through functional, performance, and security tests.
- **Documentation:** Updating and organizing project documentation and reports.

#### Deployment and Testing:

- **Platform:** The application was deployed to **Vercel** for staging and production.
  - **Production URL:** <https://furniro-ecommerce-sabeh.vercel.app/>
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- **Testing Conducted:**
  - **Functional Testing:** Ensured key features (e.g., product listings, cart functionality) worked correctly.
  - **Performance Testing:** Used **Lighthouse** to test app speed and responsiveness.
  - **Security Testing:** Checked for secure handling of sensitive data and HTTPS implementation.

**Final Checklist:**

Task	Status
Deployment Preparation	✓
Staging Enviroment Testing	✓
Document	✓
Form submission	✓
Final Review	✓