**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-rimmat.vercel.app/](https://furniro-ecommerce-sabeh.vercel.app/) o
* **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. o **Security Testing**: Checked for secure handling of sensitive data and HTTPS implementation.

**Final Checklist:**

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| --- | --- | --- |
| **Task** |  | **Status** |
| **Deployment Preparation** | ✔ |  |
| **Staging Enviroment Testing** | ✔ |  |
| **Document** | ✔ |  |
| **Form submission** | ✔ |  |
| **Final Review** | ✔ |  |