

## Day 6 Report - Deployment Preparation and Staging

**Objective:** Prepare the marketplace for deployment by ensuring a staging environment is functional and ready for real-world usage.

### Key Learning Outcomes:

1. **Staging Environment Setup:**
  - Chose **Vercel** for deployment.
  - Linked **GitHub** to **Vercel** and configured environment variables securely.
  - Validated the application in the staging environment.
2. **Testing:**
  - Conducted **functional** (Cypress), **performance** (Lighthouse), and **security** (OWASP ZAP) tests.
  - Documented all test cases and performance metrics.

### Professional Deployment Documentation:

- Created a **README.md** summarizing all deployment steps and activities.
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### Next Steps:

- Final testing and monitor user feedback once deployed to **production**.