

Day 6: Deployment Preparation and Staging Environment Setup

Objective

Set up a staging environment, conduct tests, and organize project documentation for submission to prepare the marketplace project for deployment.

Tasks Completed

1. Staging Environment Setup

- **Hosting Platform:** The project was deployed to **Vercel**.
- **Steps:**
 1. Connected GitHub repository to Vercel.
 2. Configured the build settings for a Next.js project.
 3. Added the required environment variables via the Vercel dashboard:
 4. NEXT_PUBLIC_SANITY_PROJECT_ID=your_project_id
 5. NEXT_PUBLIC_SANITY_DATASET=production

NEXT_PUBLIC_SANITY_TOKEN=your_sanity_token

6. Triggered deployment to the staging environment.
- **Staging URL:** <https://comfortyecommerce.vercel.app/>
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3. Staging Environment Testing

Functional Testing Report:

https://github.com/shirazkk/Marketplace-Hackathon-2025/blob/main/Day_05_of_hackathon/Hackathon_Testing_Report.csv

Performance Testing:

- Used **Google Lighthouse** for performance testing.
- **Results:**
 - **Mobile:** Score 85
 - **Desktop:** Score 95
- Exported reports and included them in the documentation folder.

Security Testing:

- Verified HTTPS connection.
 - Tested form validation to prevent SQL injection and XSS vulnerabilities.
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