Hackathon Day 6 Deployment, Testing and Documentation Bandage Online Store

Objective

The aim of Day 6 was to effectively deploy the Bandage Store project to a staging environment, configure environment variables securely, and document the testing process along with performance assessments. This report summarizes the accomplished milestones, testing outcomes, and repository structure, showcasing a professional approach to project completion.

1. Deployment Details

Staging Environment

The Bandage Online Store has been successfully deployed on **Vercel**, guaranteeing a high-speed, secure, and scalable hosting environment.

☐ **Url:** https://final-project-hackhathon-osama-nadeem-55.vercel.app
☐ **Staging Environment:** Set up for testing prior to the final production launch.
☐ **Hosting Provider:** Vercel

Environment Variables

Environment variables have been safely set up in Vercel to protect important information. Key variables include:

- **SANITY_API_KEY:** For secure interaction with the Sanity backend.
- **JWT_SECRET:** To manage user authentication and ensure secure sessions.
- **NEXT_PUBLIC_BASE_URL:** Base URL for API calls.

Conclusion

- The deployment of the Bandage Store project to the staging environment on Vercel has been successfully completed, ensuring a robust and scalable hosting solution.
- Environment variables have been securely configured, safeguarding sensitive information necessary for the application's functionality.
- Comprehensive testing was conducted, with all test cases passing successfully, indicating that the application performs as expected across various functionalities.
- Performance evaluations showed that the website meets the required loading times and operates effectively on both desktop and smartphone devices.
- Overall, the project demonstrates a professional approach to deployment, testing, and documentation, setting a solid foundation for the final production launch.