

## Day 6 - Deployment Preparation and Staging Environment Setup-[Furniro]

The focus of Day 6 was preparing the Furniro Ecommerce application for deployment. This involved setting up a staging environment, securely managing configurations, and tackling real-world challenges during deployment.

- ☆ **Platform Selection:** Choose Vercel for its simplicity and efficient workflow.
- ☆ **GitHub Integration:** Connected the repository for automatic build and deployment.
- ☆ **Build Configurations:** Adjusted settings for a smooth and error-free build process.
- ☆ **Created a .env file** to store sensitive credentials such as API keys.
- ☆ **Added these variables** to Vercel's environment settings to maintain security during deployment.
- ☆ **Successfully deployed** the app to a staging environment to replicate real- world conditions.
- ☆ **Validated the application** functionality post-deployment.
- ☆ **Verified that all core** functionalities, like product listing and checkout, worked seamlessly.
- ☆ **Conducted mobile responsiveness** tests to ensure the design adapts well across all devices.

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC001	Verify homepage loads correctly	Open homepage	Homepage should load within 2 seconds with no errors	Homepage loaded successfully in 1.8 seconds	Passed	Low	-	No issues found
TC002	Check login functionality	Enter valid credentials and click login	User should be redirected to the dashboard	User redirected to the dashboard	Passed	Low	-	No issues found
TC003	Ensure checkout process works	Add item to cart	proceed to checkout and complete payment	Order confirmation page should be displayed	Passed	Low	-	No issues found
TC004	Check site performance	Run Lighthouse audit for <a href="https://hackathon-3-git-main-zohaib-memons-projects.vercel.app">https://hackathon-3-git-main-zohaib-memons-projects.vercel.app</a>	Performance score should be 90+	Performance score was 85	Failed	High	Frontend Team	Investigate and improve site performance
TC005	Validate cart functionality	Add, remove, and update items in the cart	Cart should update correctly for all actions	Cart updated correctly for all actions	Passed	Low	-	No issues found