

Day 6 Deployment Preparation and staging Environment Setup

Deployment Details:

Hosting Platform: [Vercel](#)

Repository Link: [GitHub - Maidah208/hacathonthree](#)

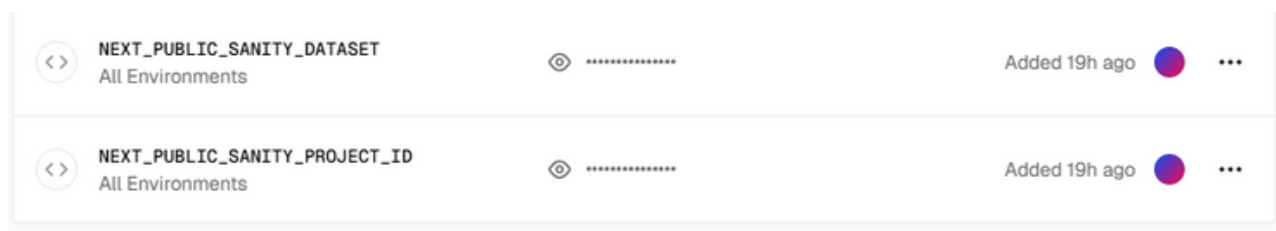
Staging URL: [E-Commerce Website](#)

Environment Variables:

Created a **.env** file with the following variables:

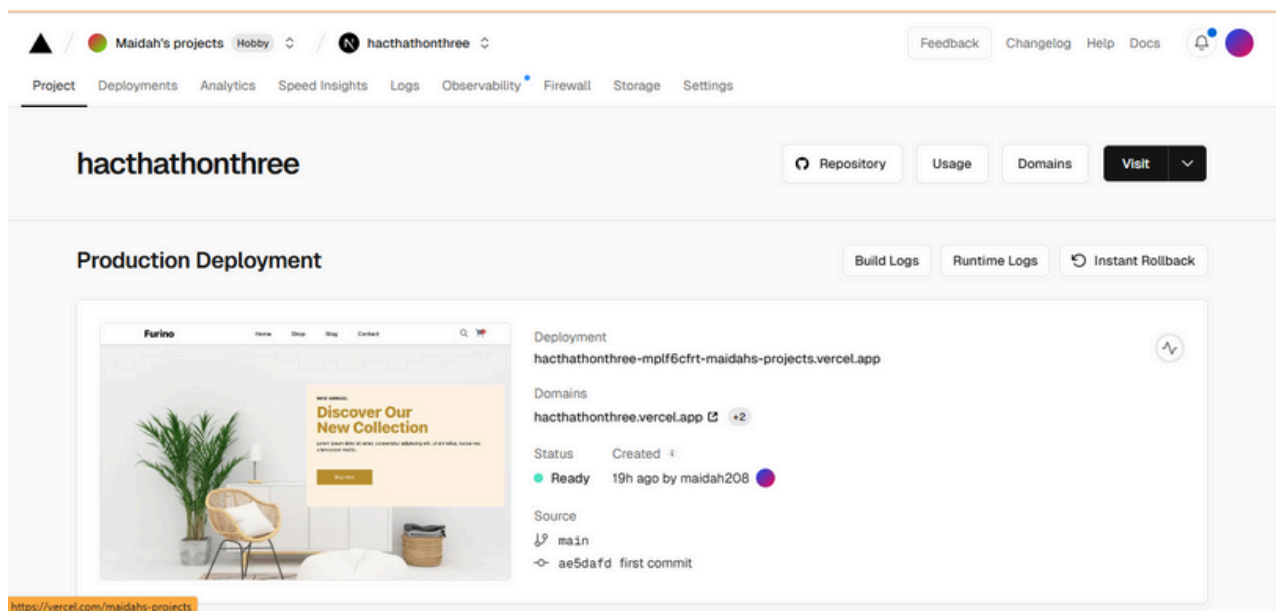
- NEXT_PUBLIC_SANITY_PROJECT_ID: Sanity project identifier.
- NEXT_PUBLIC_SANITY_DATASET: Dataset name for production.
- API_KEY: API key for third-party services.

Uploaded environment variables securely to Vercel.



Deploy to Staging:

- Successfully deployed the application to the staging environment.
- Confirmed the build process was completed without issues.
- Ensured the site loaded and functioned as expected.



Environment Testing

Lighthouse Audits

Review passed and failed audits for each Lighthouse score

93

Performance
Audits that have impact on the performance of your site

>

82

Accessibility
Opportunities to improve the accessibility for your visitors

>

96

Best Practices
Standards that your site should follow

>

100

SEO
Checks that ensure your page follows basic search engine advices

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Test Case Reporting

Test Case ID	Test Case Description	Test Steps	Expected Results	Actual Result	Status	Severity Level	assigned to	Remarks
TC001	Validat Product URL	Open product page --> name of product in URL	Correct Product name appears in the URL	works as expected	Passed	Low	-	No issues found
TC002	Validate Product Listing	Open product page --> Verify Product	Product displayed cprrectly	product displayed correctly	Passed	Low	-	No issues found
TC003	Test API handling	Display Error message when APIs are loading	Error message displayed while APIs are loading	error message shown	Passed	Medium	-	Handled Gracefully
TC004	Add to cart button functionality	Click on button --> Product should be added to cart	product should be added to the cart	works as expected	Passed	High	-	Test Successful
TC005	Add to cart page function	Open Cart --> Update quatity, delete item & Checkout	crt operations performs correctly	works as expected	Passed	Medium	-	Test Successful
TC006	Browser Responsiveness on mobile	Resize browser --> check layout	lauiout adjust properly to screen size	Responsive layout works	Passed	Medium	-	Test Successful

By Maida Murtaza