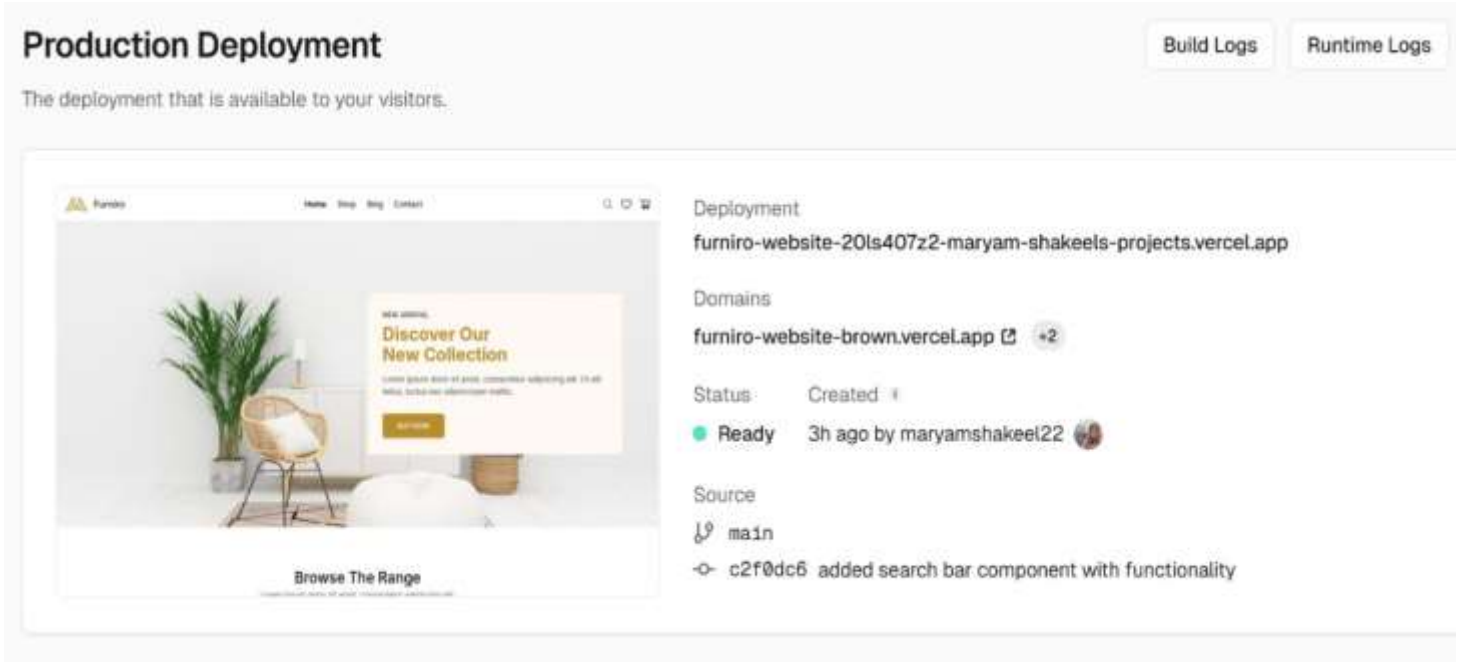
HACKATHON DAY SIX

ERROR HANDELING , TESTING & BACKEND INTEGRATION REFINEMENT

DEPLOYMENT

- CONFIGURE ENVIRONMENT VARIABLES IN YOUR
- Prepare code , dependencies , and configurations
- .env.local file :

```
NEXT_PUBLIC_SANITY_PROJECT_ID=your_project_id
NEXT_PUBLIC_SANITY_DATASET=production
API_KEY=your_api_key
```



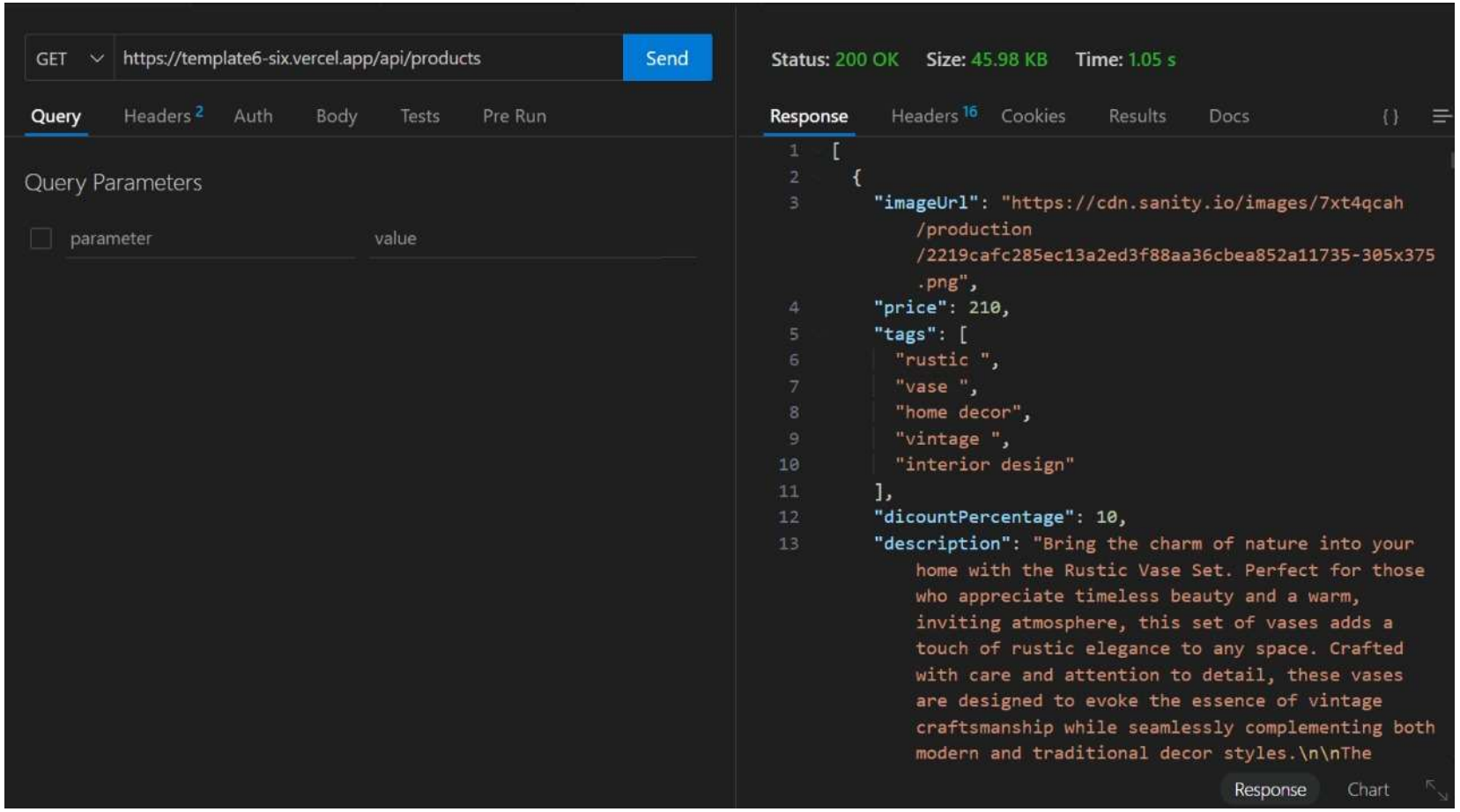
ERROR HANDELING

- Use console.log or console.error for tracking errors
- Surround critical code with try-catch blocks

RESOLVING ERRORS

- Debug with detailed error logs and stack traces
- Test fixes locally before deploying

Checking response of Api

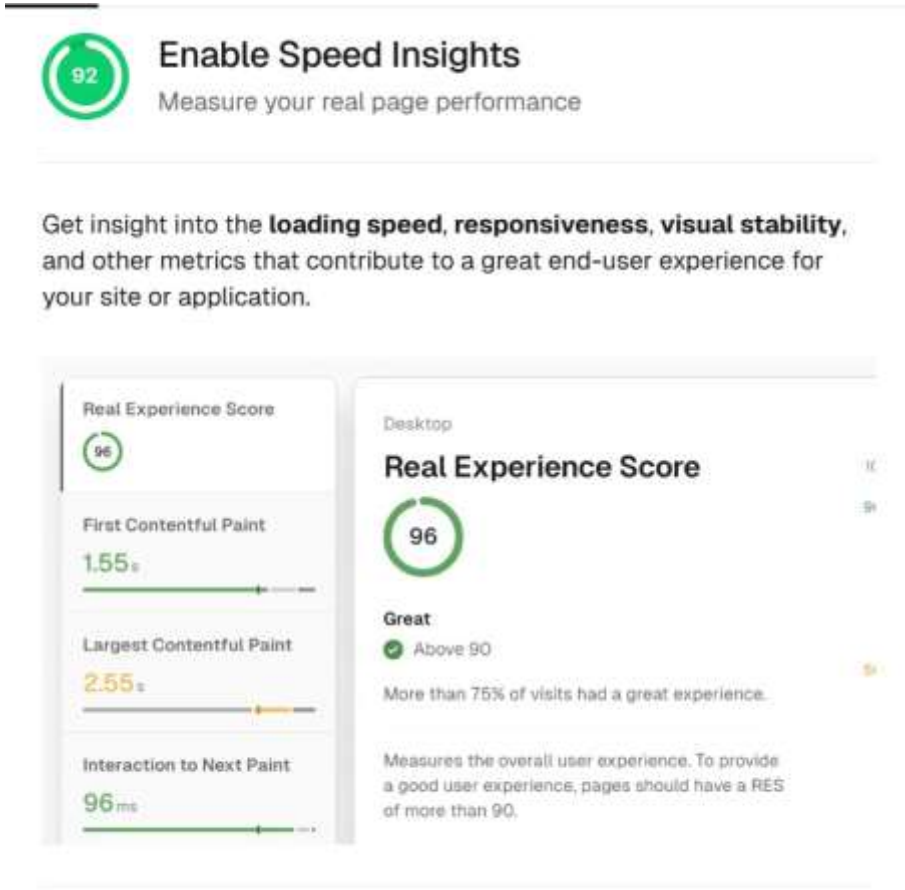


Test Report Of Market Place

TEST REPORT OF MY MARKETPLACE

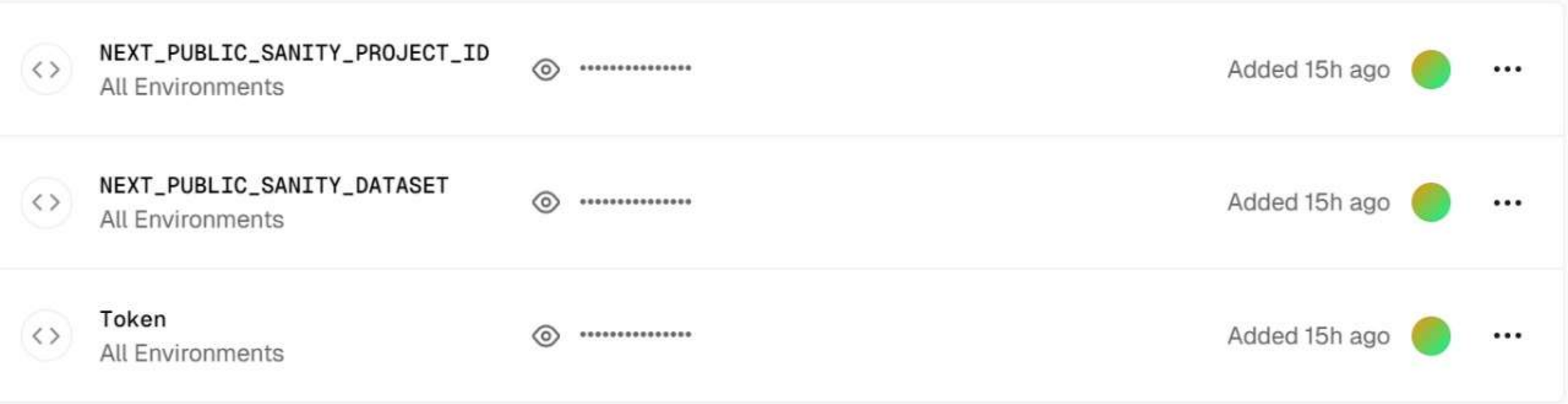
TEST ID	TEST CASE DESCRIPTION	TEST STEPS	Expected Result	Actual Result	Status	Severity	Remarks
TC001	Test navigation bar links	Click each link in the navigation bar >Verify page loads	Correct Rendering	All links working correctly	Passed	High	Navigation verified
TC002	Test sanity output	Run GROQ query to fetch data	Correct data returned	Data matches expectations	Passed	High	Sanity Output Verified
TC003	Test product listing	Fetch all products from Sanity API	Products displayed correctly	Verified successfully	Passed	High	No issues found
TC004	Test dynamic product detail	Click on a product > Verify details	Correct product details shown	Details loaded correctly	Medium	High	Works as expected
TC005	Test search functionality	Enter query > check results	Relevant results shown	Search working	Passed	yes	Verified
TC006	Test cart functionality	Add/remove items >verify cart updates	Cart updates correctly	Works as expected	Passed	High	Cart Verified
TC012	Test responsiveness	Resize browser >check layout	Layout adjusts correctly	Works as expected	Passed	High	Responsive Verified
TC008	Test pagination	Navigate through pages of products	Correct products load per page	Pagination not working	Failed	No	NotVerified
TC009	Test checkout functionality	Go to checkout > Fill details > Place order	Order placed successfully	Checkout process smooth	Passed	High	Checkout Verified
TC010	Fetching Data with query	Execute GROQ query to fetch data from source	Data fetched correctly	Data fetched successfully	Passed	High	Query Verified
TC011	Test Valid Login	Enter valid credentials > click Login	User logged in	Not Login successful	Failed	No	Not Verified
TC012	Test notifications	Displaying Notifications	Notification Appeared	Notification Appeared	Passed	High	Verified

Performance

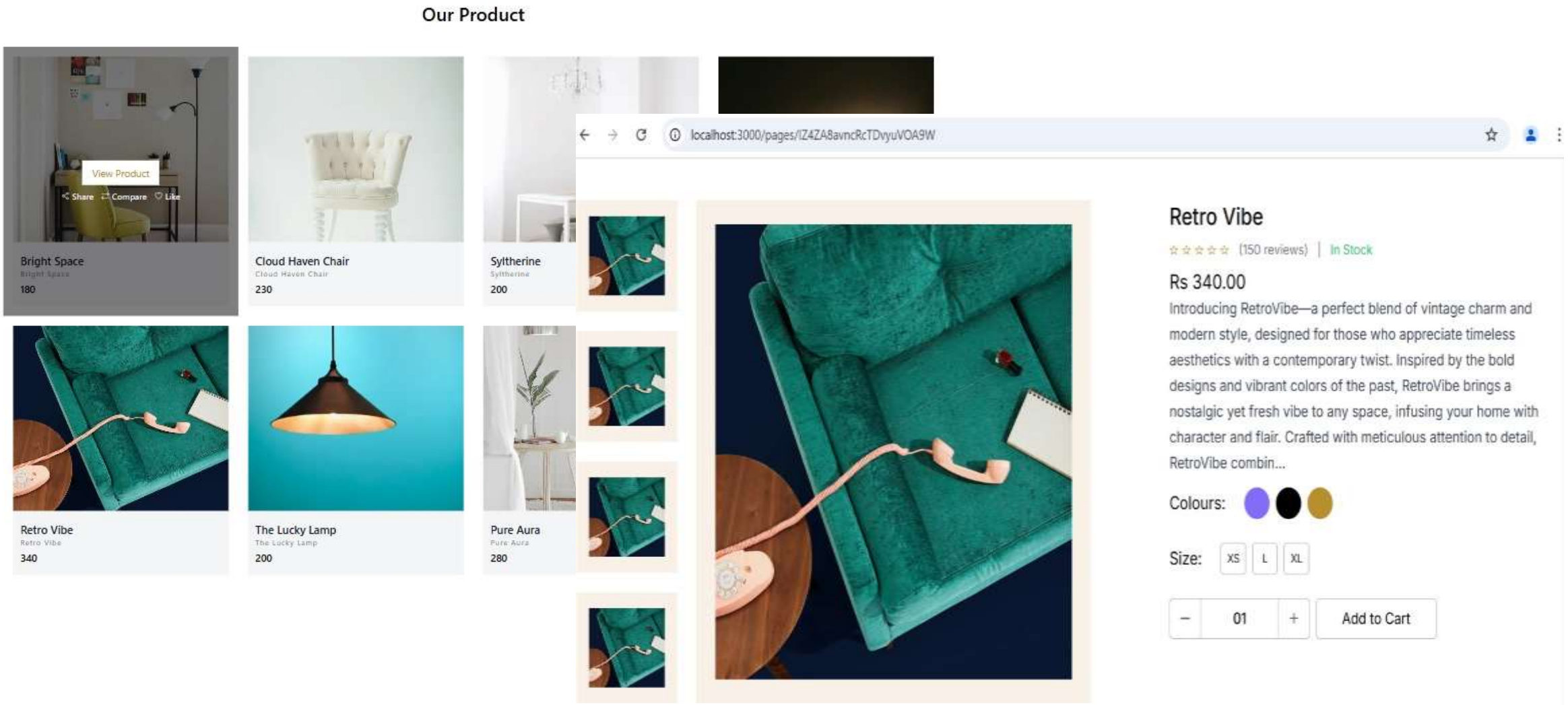


Configure Environment Variable in Vercel

- Go to your project > Settings > Environment Variables



Functional Testing



This documentation serves the content for deploying on Vercel ☺

- ALHAMDULILLAH! SUCCESSFULLY ACCOMPLISHED HACKATHON DAY-6