

**DEPLOYMENT PREPARATION &
STAGING ENVIRONMENT SETUP**

HACKATHON 3 : DAY 6...

STEP 1: Hosting Platform.

The hosting platform I've chosen for my hackathon submission is Vercel. It's a powerful platform, especially for deploying Next.js applications, ensuring fast performance, seamless scalability, and an excellent developer experience.

STEP 2: Configure Environment Setup:

```
1 .env.local
2 NEXT_PUBLIC_SANITY_PROJECT_ID="2r79i5c8"
3 NEXT_PUBLIC_SANITY_DATASET="production"
4 SANITY_TOKEN="skfKf1LIImFtPjnzzCQCjouJkvExDBWtRJPYDbkfzz16m8JC0ePsOD5cvCwMqbNIpRcLMTH80OrQBUf07NVTXBTPDe1"
```

Step 3: Deploy To Staging:

Staging Deployment Report

Platform: Vercel

Branch: staging

Summary

The staging branch was deployed to Vercel's staging environment at <https://yourproject-staging.vercel.app> to test new features and updates. Environment variables specific to staging were configured in Vercel settings.

Process

1. Updates were pushed to the staging branch.

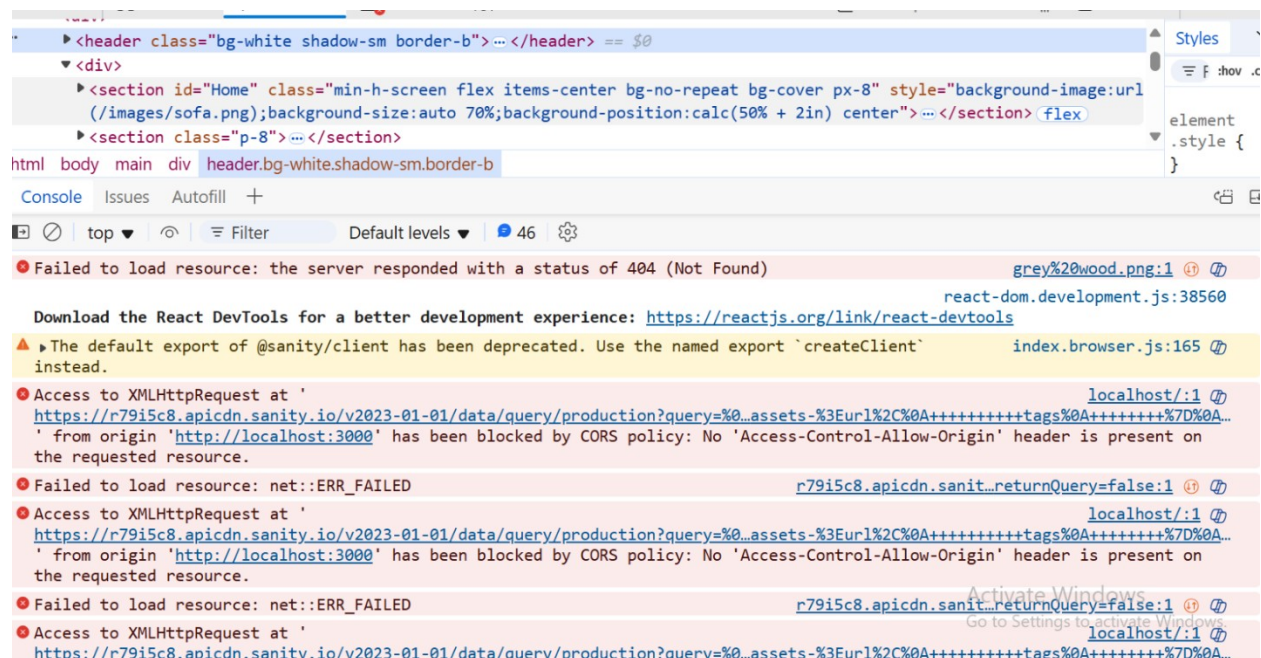
2. Vercel's automated build process deployed the changes.
3. The staging environment was tested for functionality, performance, and consistency.

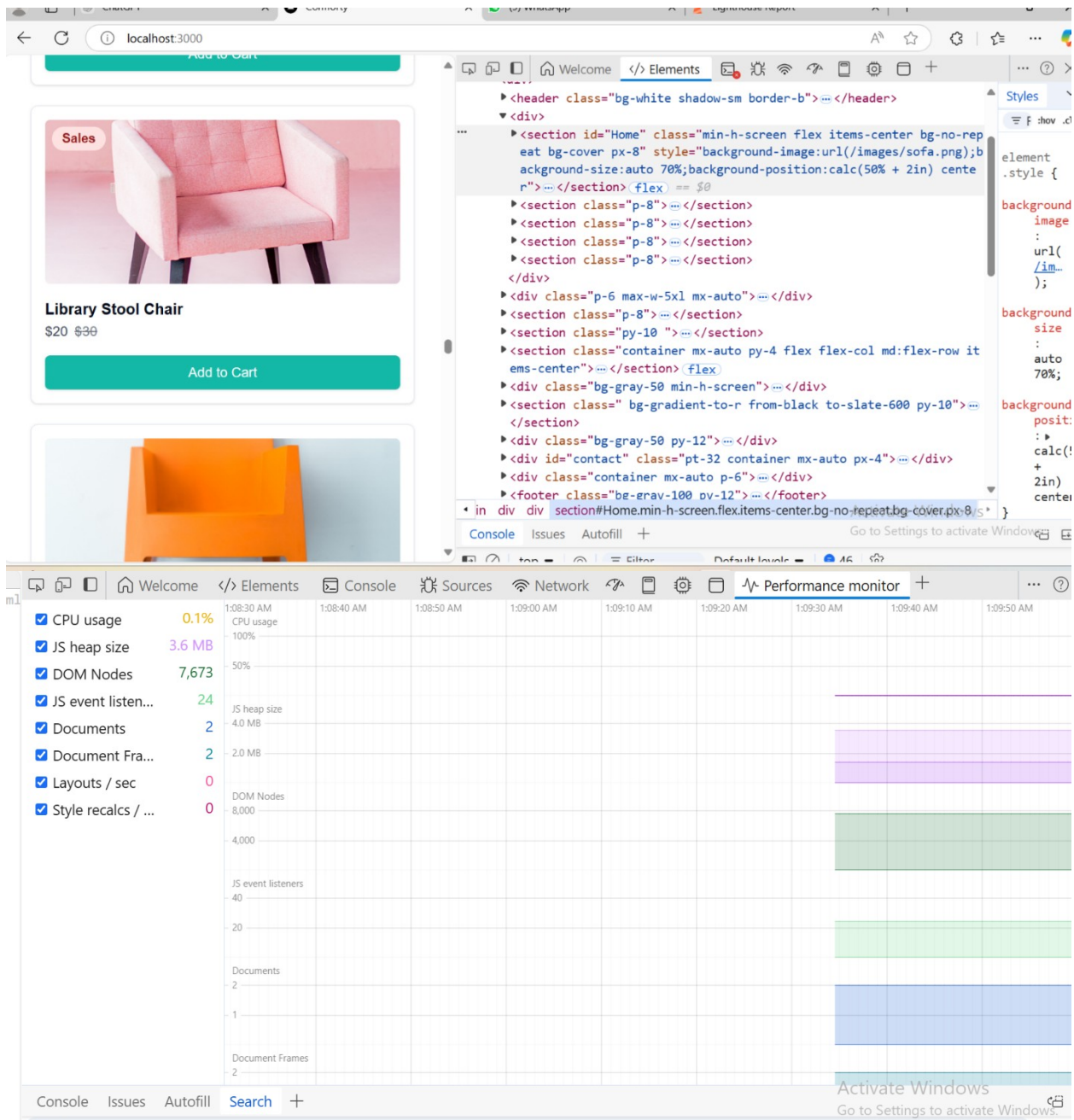
STEP 4: Staging Environment Testing:

Testing Report Sample

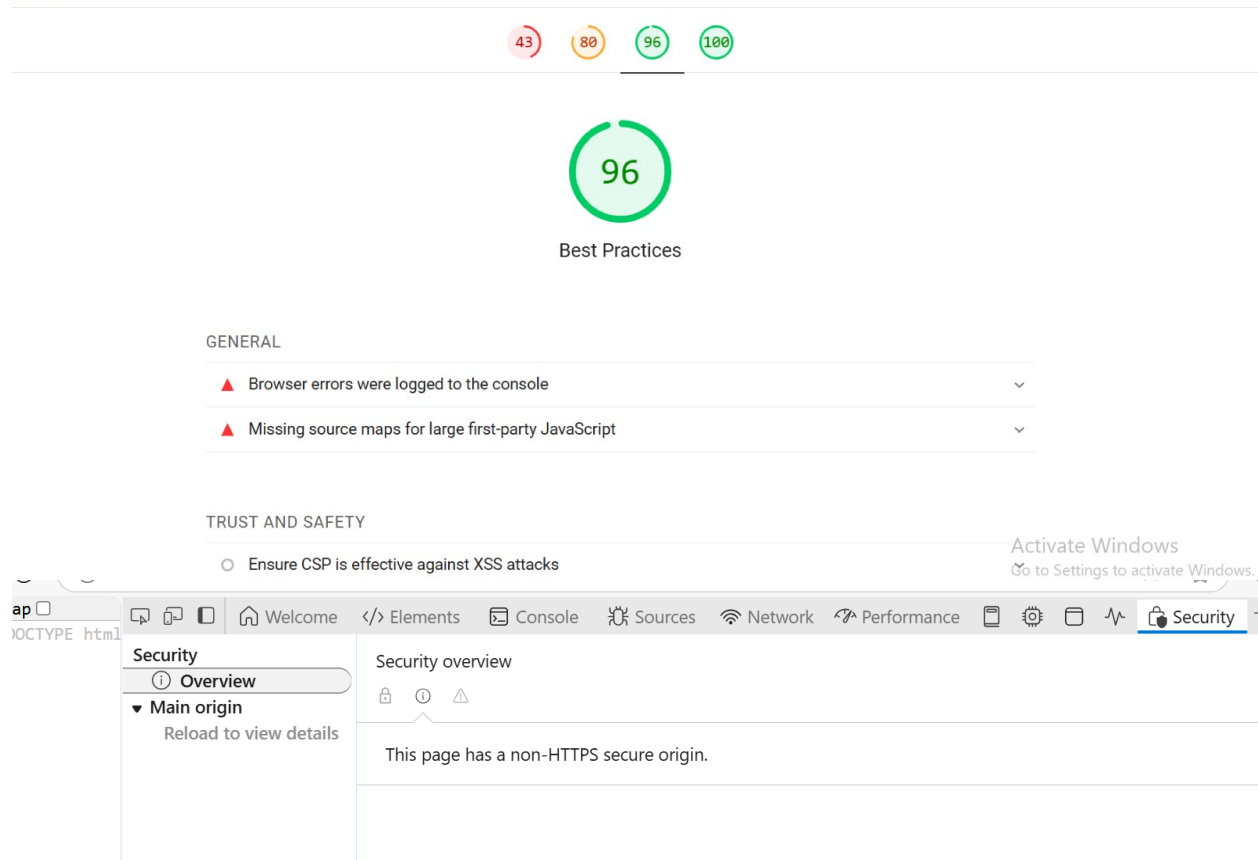
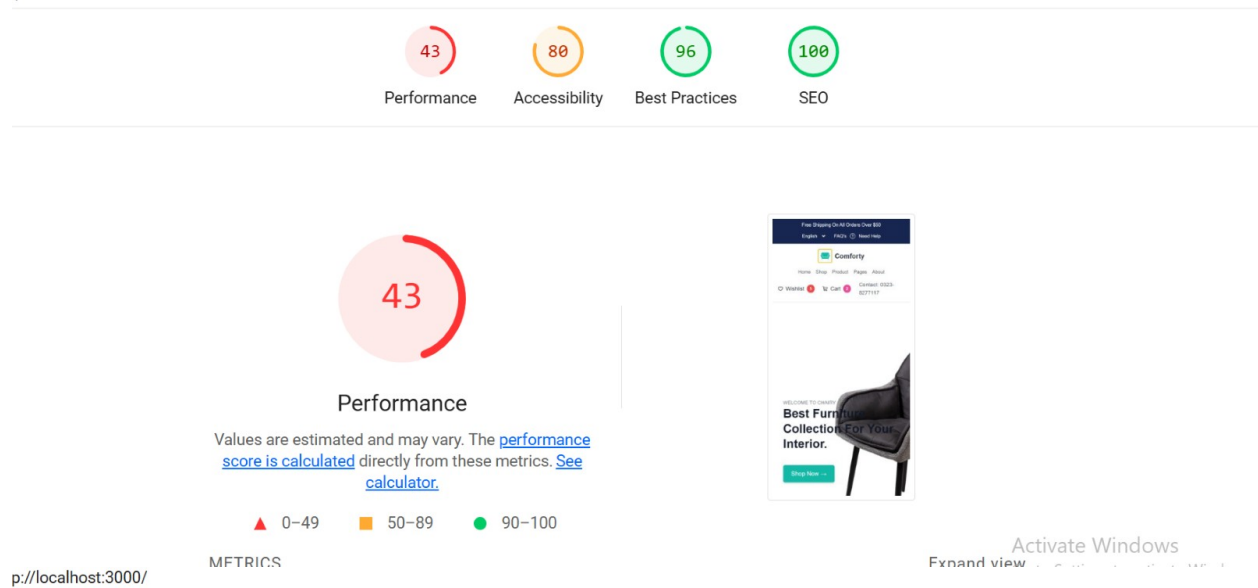
Test class ID	Test case Description	Test steps	Expected result	Actual result	Status	Severity level	Assigned to	Remarks
TC001	Validate product listing page	Open product page > verify products	Product displayed correctly	Product displayed correctly	Passed	Low	-	No issues found
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	-	Handle gracefully
TC003	Check cart functionality	Add product to cart > verify cart contents	Cart product with added product	Cart updates as expected	Passed	High	-	Work expected
TC004	Ensure responsiveness on mobile	Resize browser window > check layout	Layout adjusts property to screen size	Responsive layout working as intended	Passed	Medium	-	Test successful

Testing Results : Already Describe In Day 5.





tp://localhost:3000/



STEP 5: Documentation Updates :

I will submit Readme file where all the Required Material from Day 1 to Day 6 Available there & will submit in the form Submission link:

<https://forms.gle/nA5Lv867KpaV659r7>

