

Hackathon Day 5

Testing, Error Handling, And Backend Integration Refinement

Step 1: Functional Testing

Step 2: Error Handling

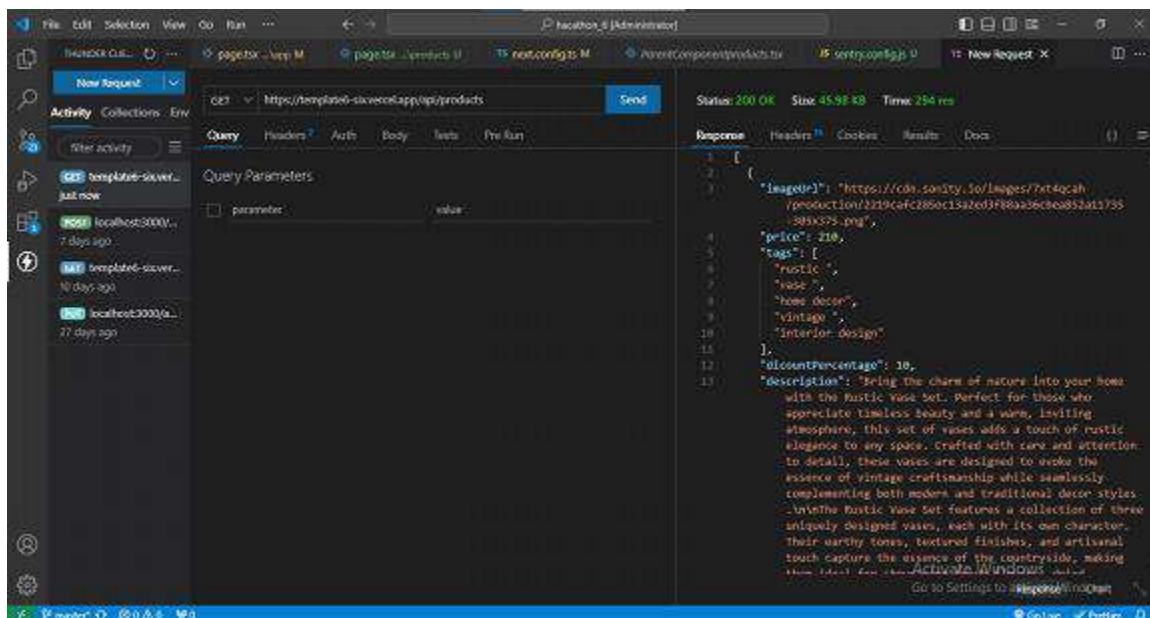
Step 3: Postman API

`https://template6-`

`six.vercel.app/api/products`

API (`https://template6-six.vercel.app/api/products`) ka test:

- Products ka data shai aa raha hai (status 200).
- Error scenarios (e.g., API down) par proper error message display ho raha hai.
- Tools: Thunder Client.

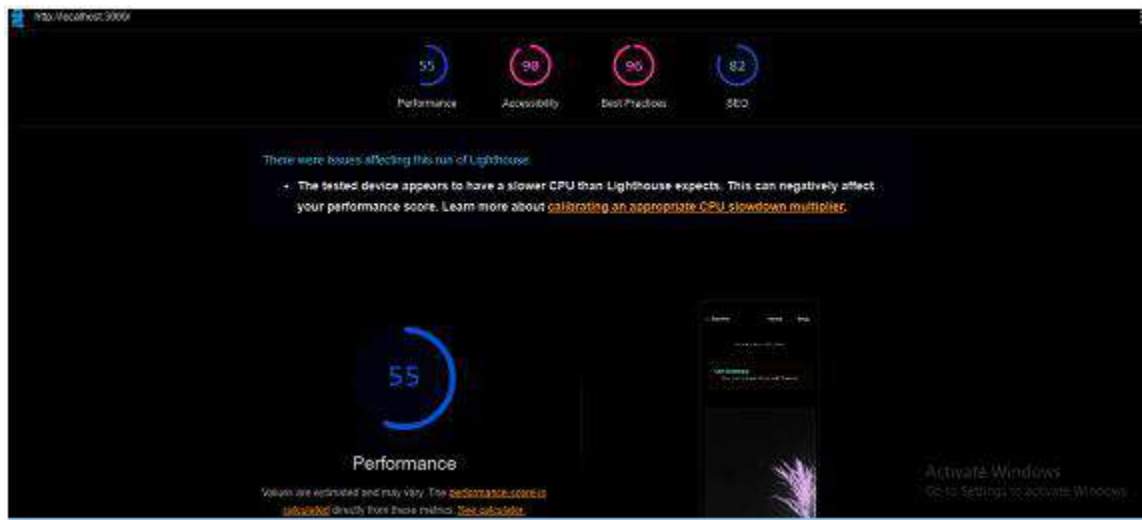


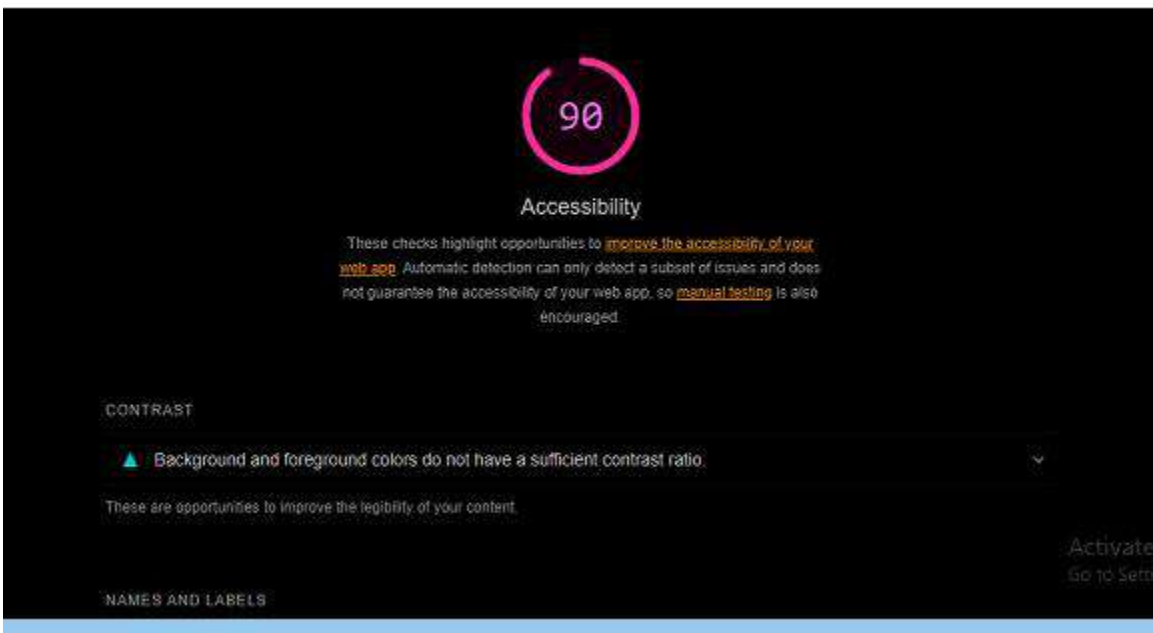
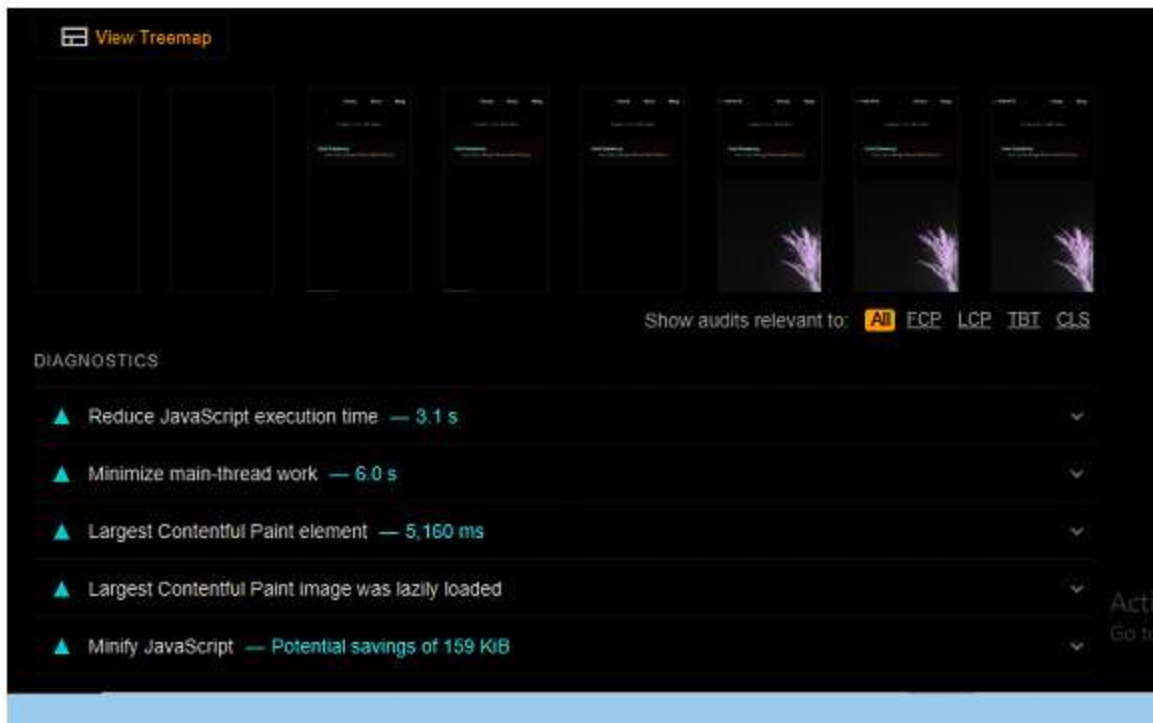
Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	High	-	No issues found
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	-	Handled gracefully
TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	-	Works as expected
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	-	No

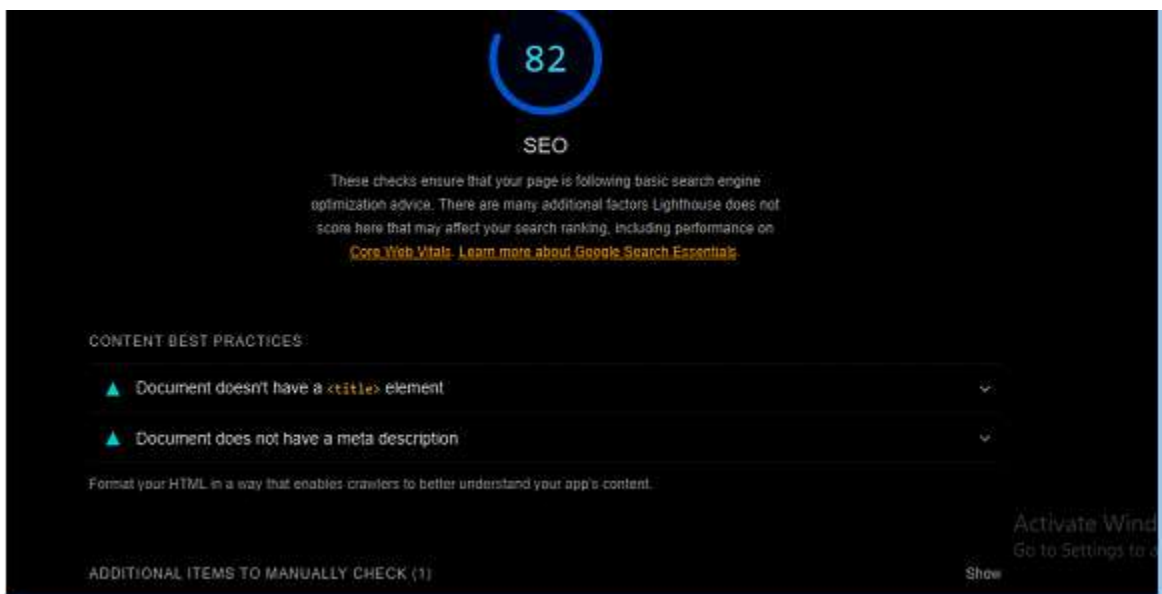
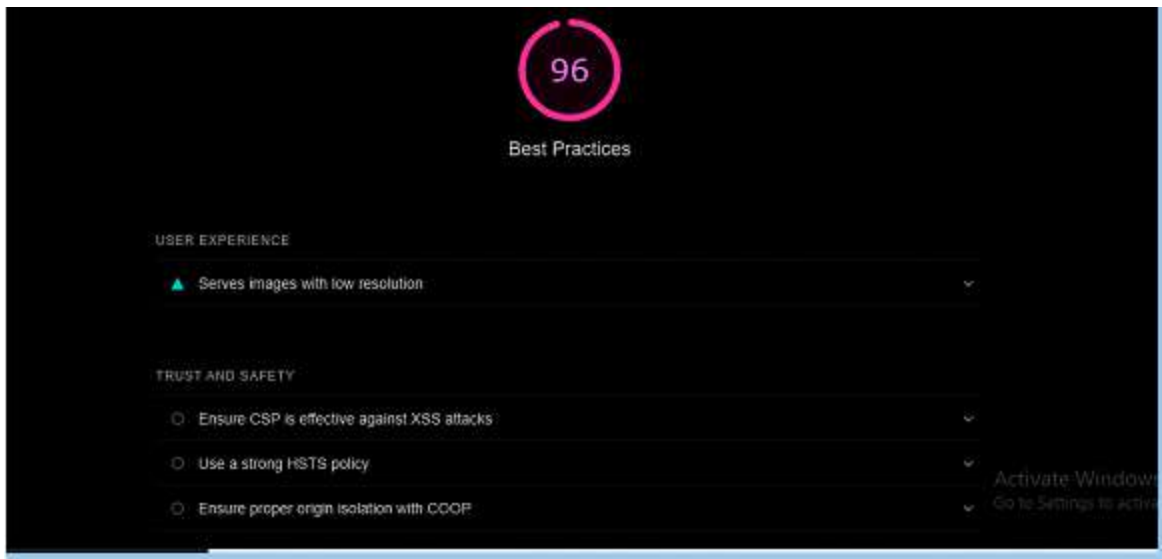
Step 4: Performance Optimization

```
npm install -g lighthouse
```

```
lighthouse http://localhost:3000 --view
```







Developer Resources

