

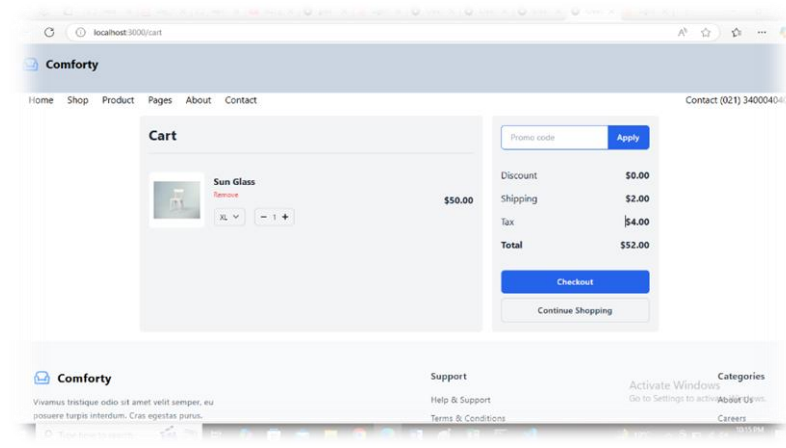
## Day 5.

### Testing and Backend Refinement - [Furniture-Market]

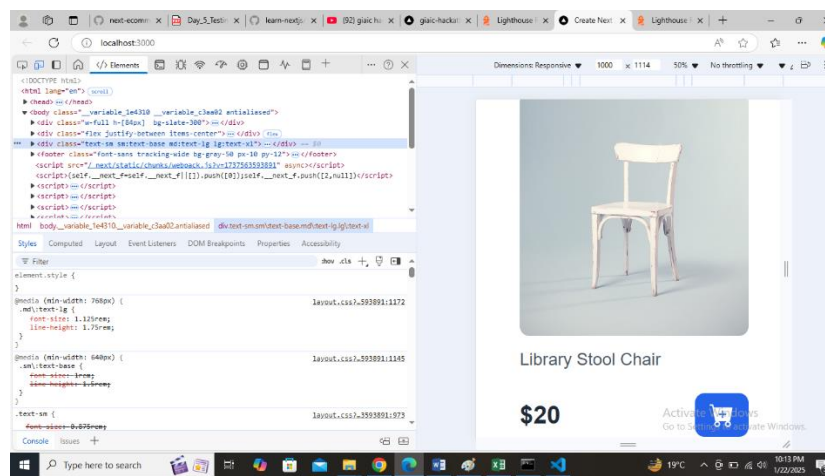
#### Functional Deliverables:

##### Functional Testing of Furniture Market

Functional testing of a furniture market ensures all features work correctly, including user authentication, product management, search and filters, cart and checkout, order management, responsiveness, notifications, security, and third-party integrations, ensuring a seamless user experience.



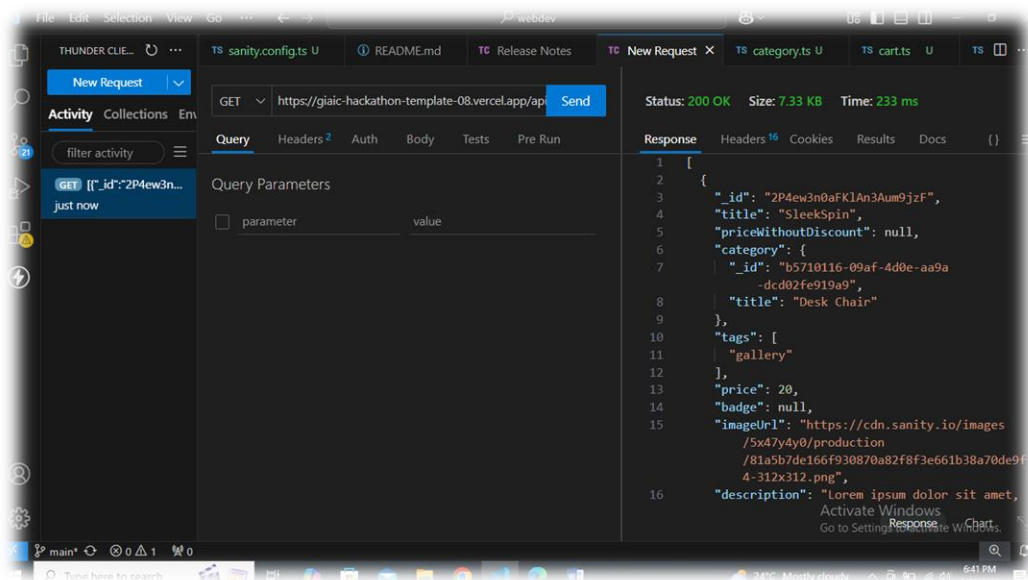
#### Responsiveness:



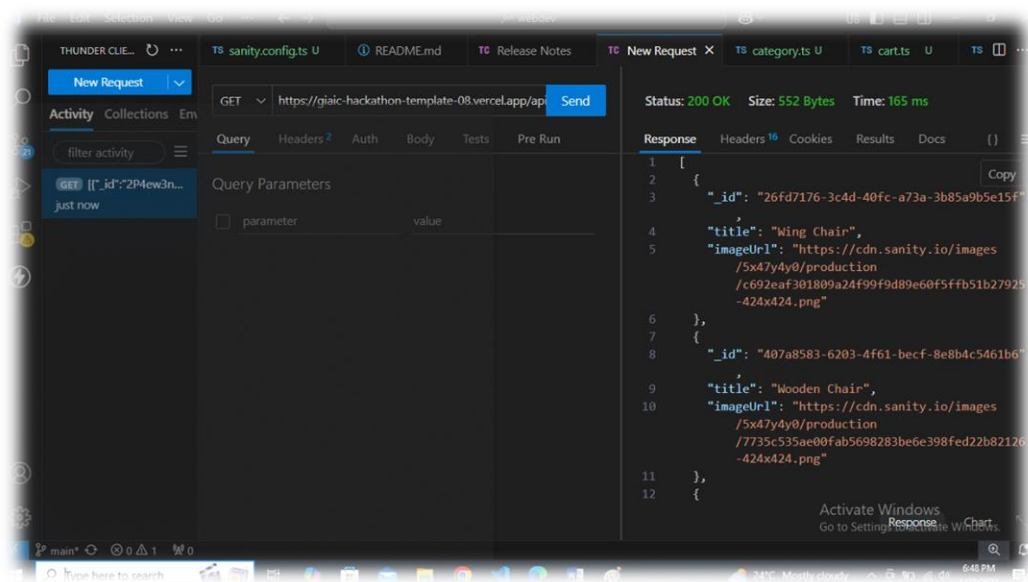
## Product API

### Product API Status

The **Product API** is a critical component of any e-commerce or product-based application. Its status determines the accessibility and functionality of the application.

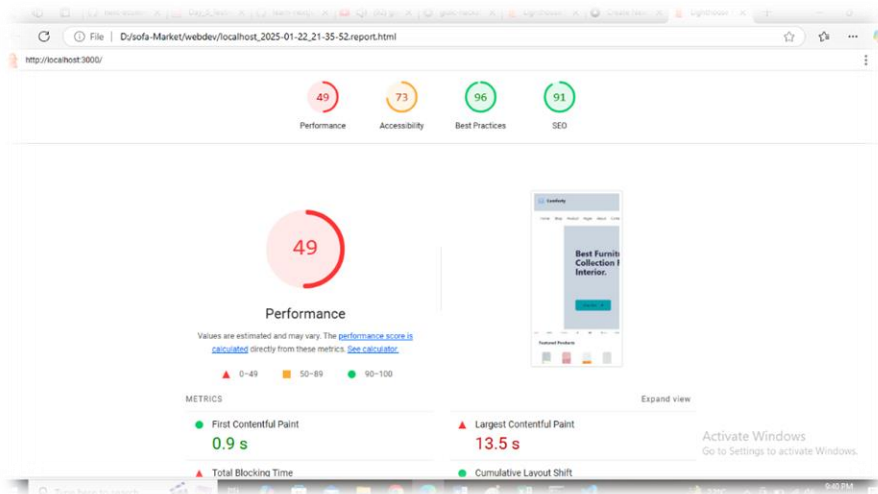


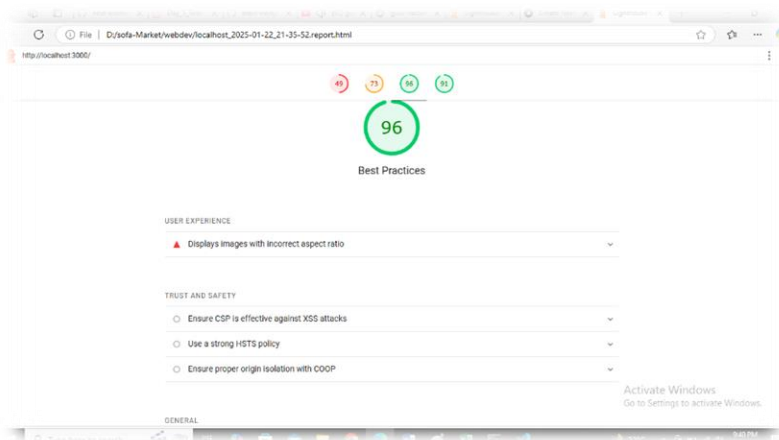
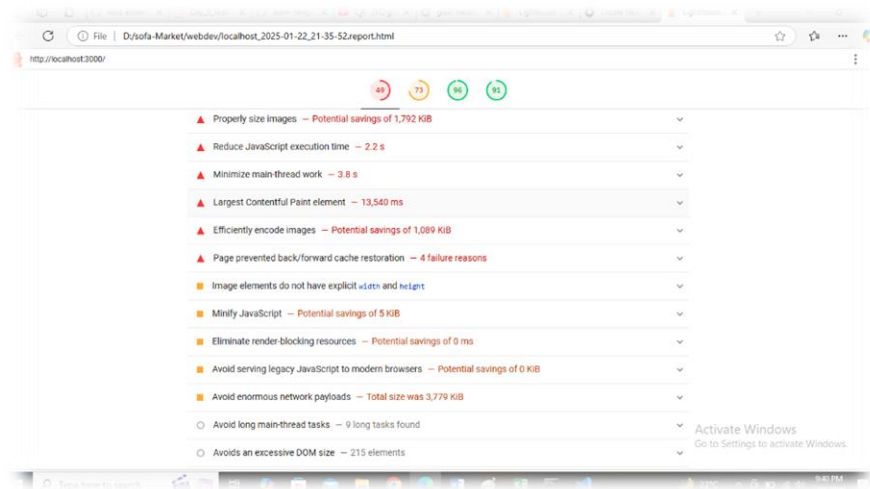
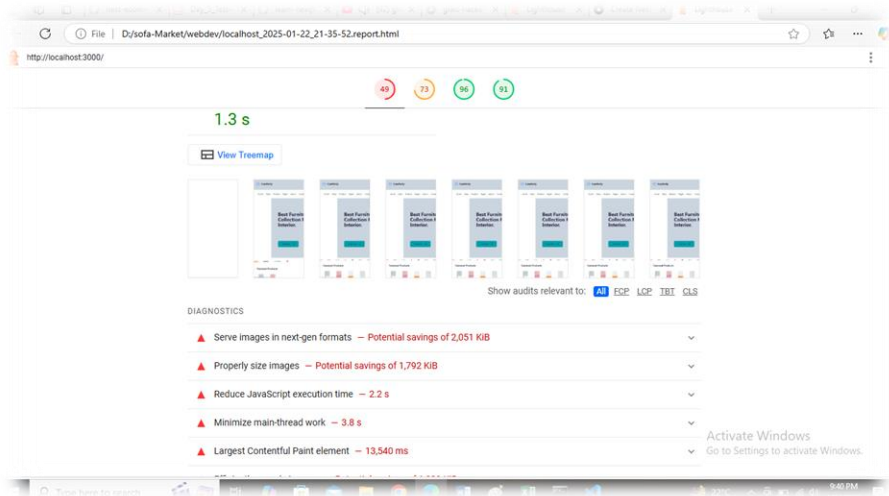
## Category API



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	low	-	Issue found
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	-	Test successful

## **Performance Optimization(lighthouse):**





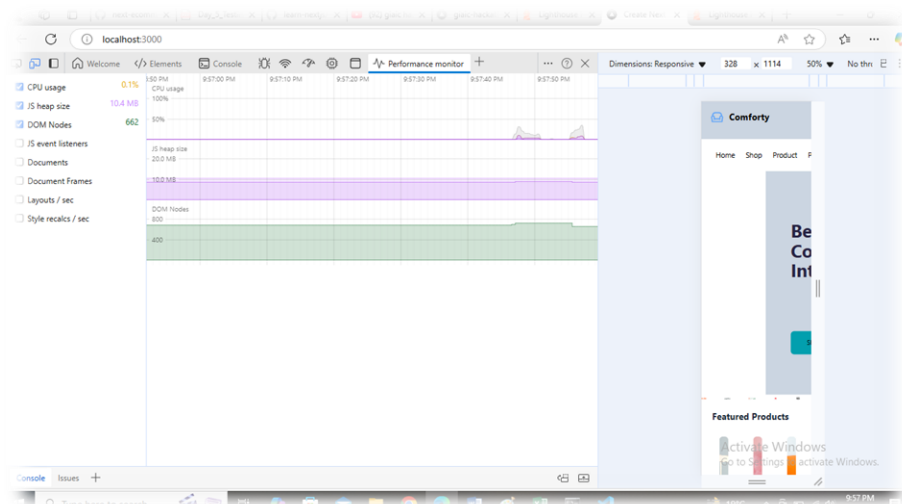
## **Trust and Safety:**

Ensure CSP is effective against XSS Attacks

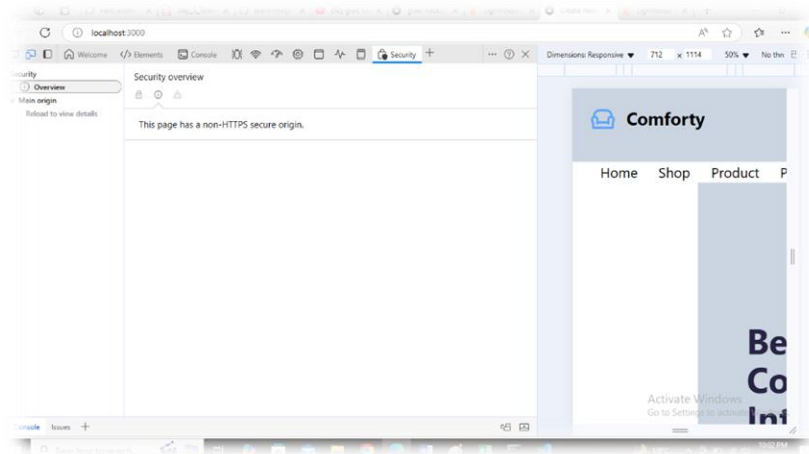
Use a strong HSTS policy

Ensure proper origin Isolation with COOP

## **Optimization Monitor:**



## Security:



## Checklist for Day 5:

Functional Testing:

- ✓

Error Handling:

- ✓

Performance Optimization:

- ✓

Cross-Browser and Device Testing:

- ✓

Security Testing:

- ✓

Documentation:

- ✓

Final Review:

- ✓