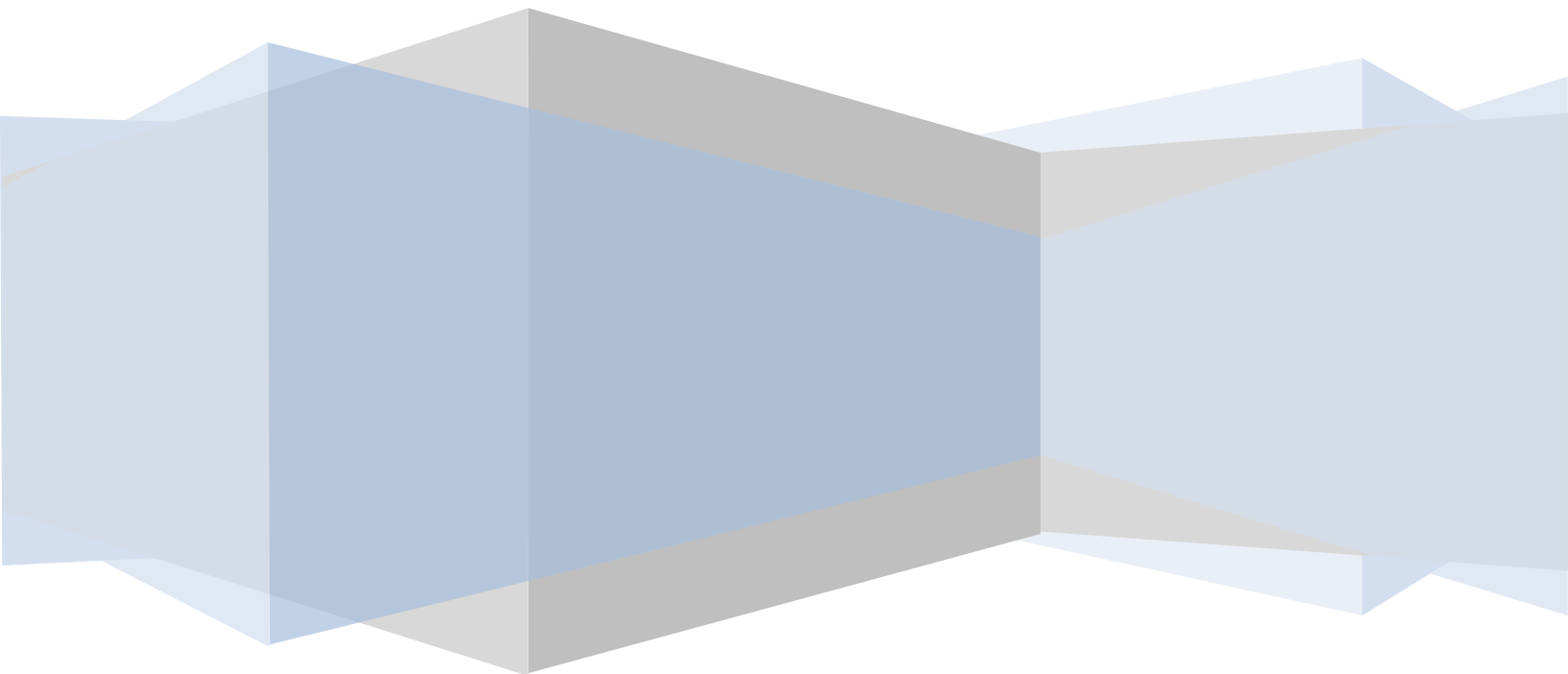


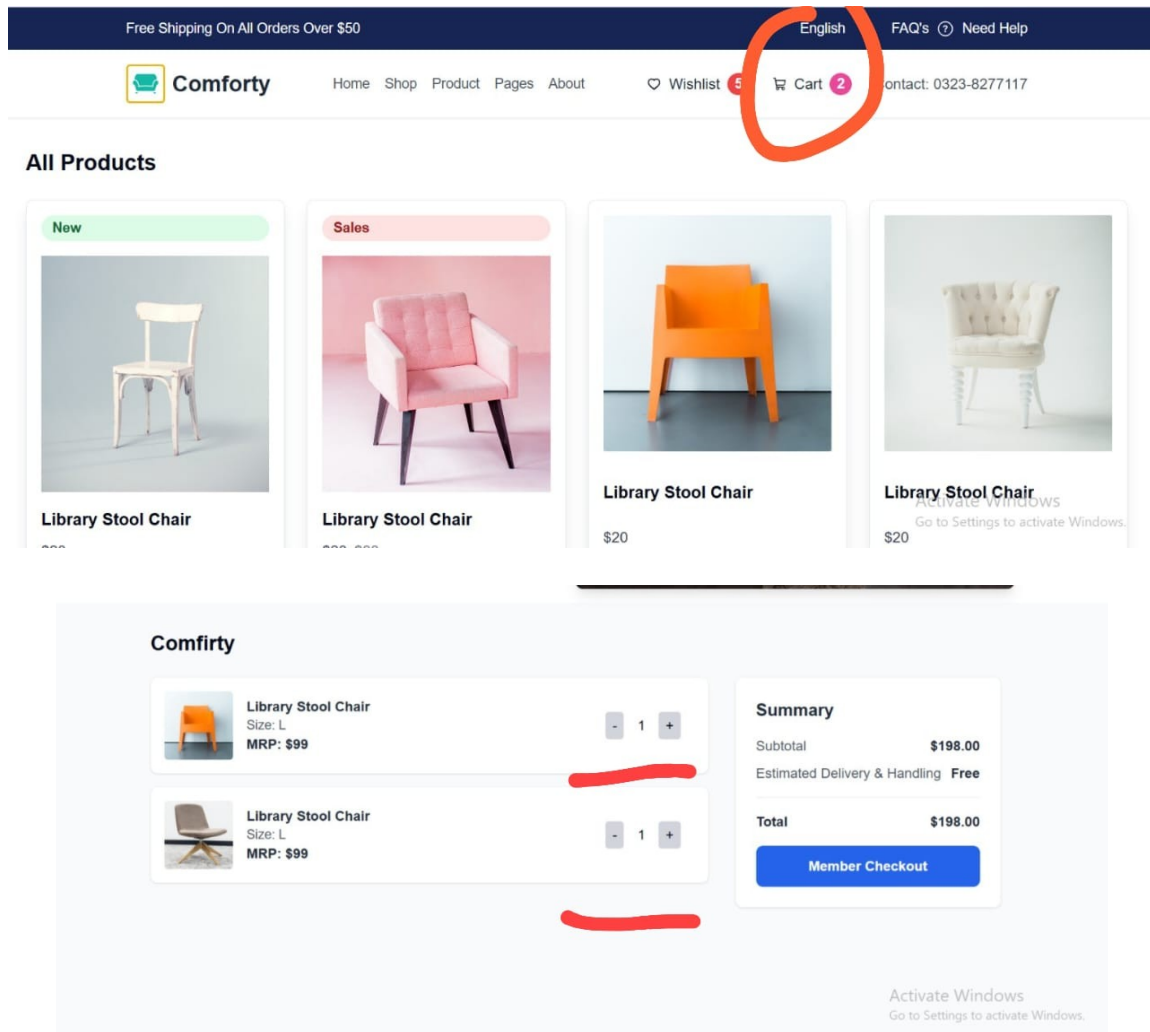
**DAY-5**  
**TESTING,ERROR**  
**HANDLING, AND BACKEND**  
**INTEGRATION REFINEMNET**



## Testing & backend refinements:

### Step 1 : Functional Testing

Yes, my website has successfully 80% passed functional testing yet, confirming that all features and workflows are operating as expected. This ensures the website meets the required standards and is ready for further testing or deployment.



## Comfirty



Library Stool Chair  
Size: L  
MRP: \$99

- 10 +



Library Stool Chair  
Size: L  
MRP: \$99

- 7 +

### Summary

Subtotal **\$1683.00**

Estimated Delivery & Handling **Free**

**Total** **\$1683.00**

[Member Checkout](#)

## Make A Reservation

RAMSHA ELAHI

ramshaelahi111@gmail.com

02/12/2025



02:34

PM



[Reserved Your Favourite Items](#)

## Get In Touch

Drop me a line, give me a call, or send me a message by submitting the form.

ramshelahi111@gmail.com

(021) 000-111

GitHub Projects

LinkedIn Profile

Name

RAMSHA ELAHI

Email

ramshaelahi111@gmail.com

Message

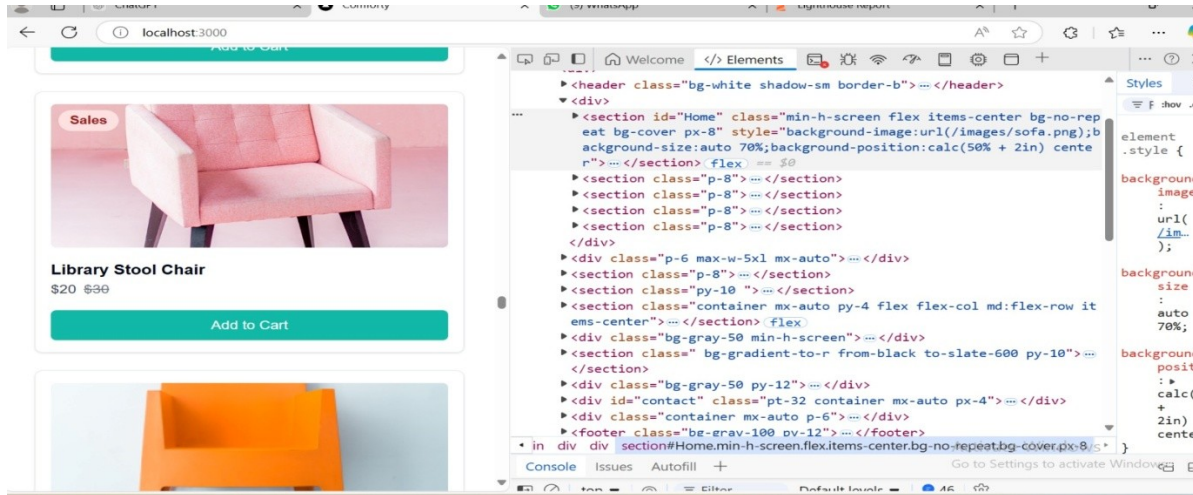
hey ???

[Send](#)

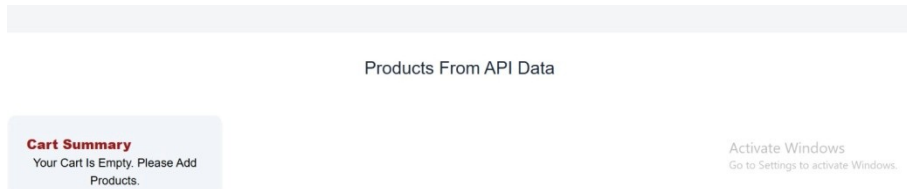
Activate Windows  
Go to Settings to activate Windows.

## Step 2 : Error Handling

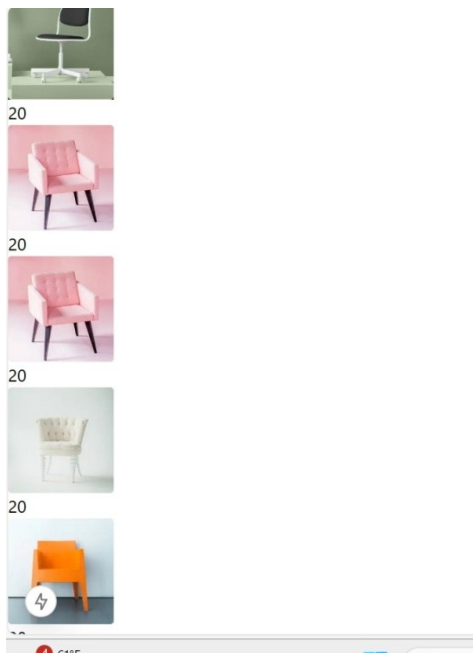
### Inspection



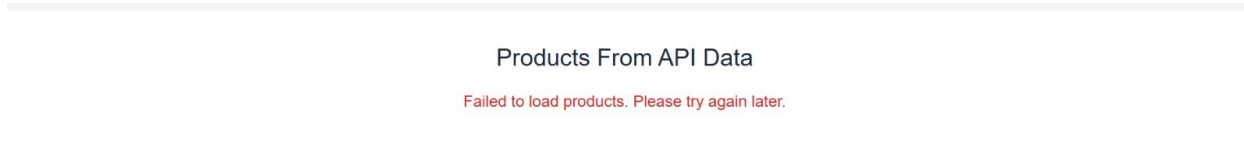
Some Issues Like Data Is Not Showing Here Like This:



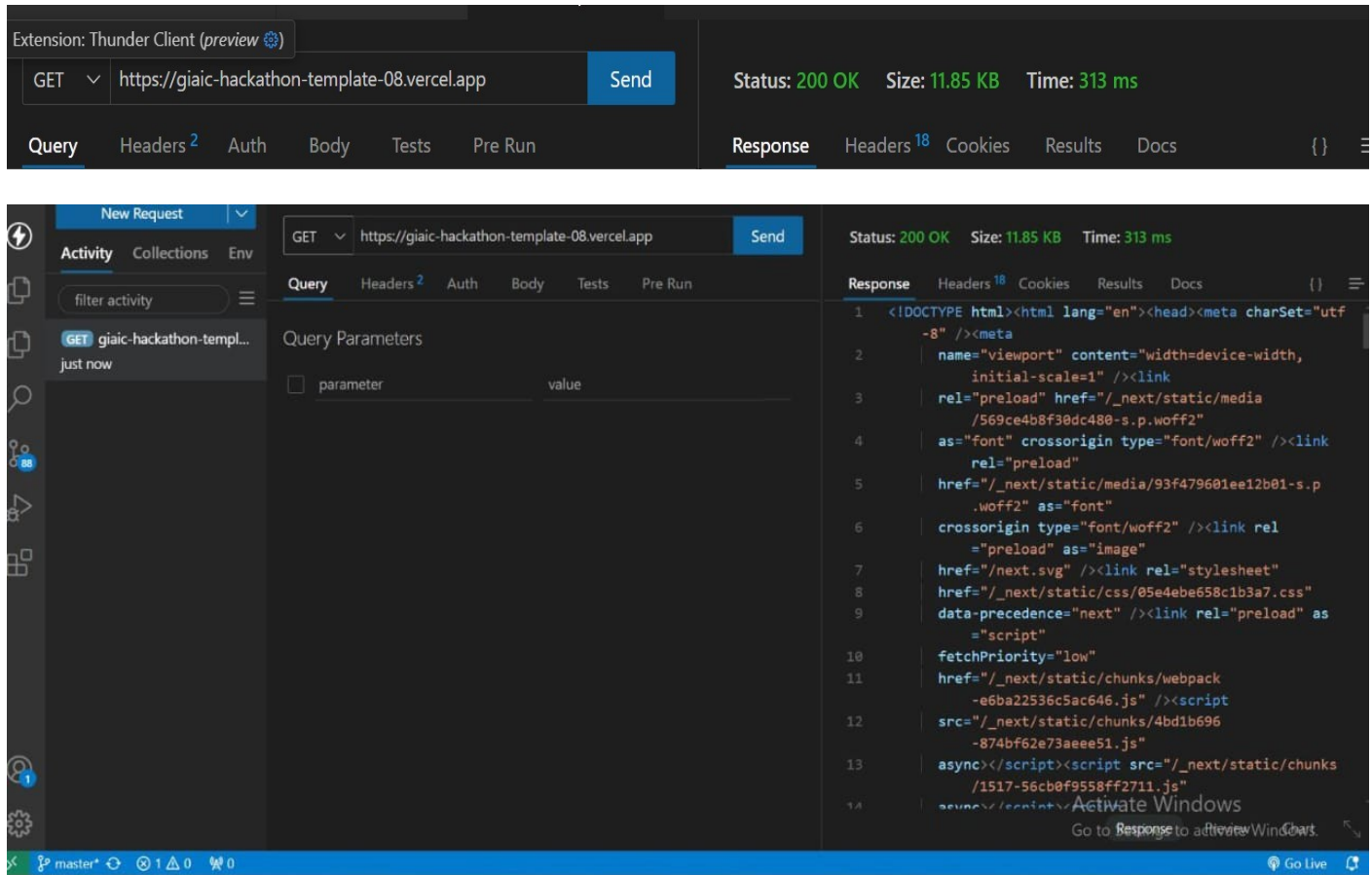
### 1: Sometimes It's Working



## 2: Sometimes It's Not Working



### Step 3: API Postman



# 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

## Step 4 : performance optimization

```
LH:status Auditing: Detected JavaScript libraries +2ms
LH:status Auditing: Avoids requesting the notification permission on page load +1ms
LH:status Auditing: Allows users to paste into input fields +3ms
LH:status Auditing: Use HTTP/2 +2ms
LH:status Auditing: Uses passive listeners to improve scrolling performance +8ms
LH:status Auditing: Document has a meta description +10ms
LH:status Auditing: Page has successful HTTP status code +3ms
LH:status Auditing: Document uses legible font sizes +2ms
LH:status Auditing: Links have descriptive text +4ms
LH:status Auditing: Links are crawlable +4ms
LH:status Auditing: Page isn't blocked from indexing +4ms
LH:status Auditing: robots.txt is valid +3ms
LH:status Auditing: Document has a valid 'hreflang' +3ms
LH:status Auditing: Document has a valid 'rel=canonical' +3ms
LH:status Auditing: Structured data is valid +2ms
LH:status Auditing: Page didn't prevent back/forward cache restoration +2ms
LH:status Generating results... +4ms
LH:Printer html output written to C:\IT COURSE Q2\Hackathone\hackathon day 4\figma\localhost_2025-01-21_00-52-42.report.html +9
5ms
LH:ChromeLauncher Killing Chrome instance 20200 +2ms
```

The image shows a VS Code editor interface. On the left, the file explorer displays a project structure for 'giaic-hackathon-t...'. The main editor area shows the 'page.tsx' file with the following imports:

```

import Reserve from '../components/Reserve';
import Offer from '../components/Offer';
import Brand from '../components/Brand';
import FAQ from '@components/FAQ';
import Cart from '@components/Cart';
import Contact from '@components/Contact';
import Products from '@components/Products';

```

The bottom panel shows the 'TERMINAL' tab with the following output:

```

https://opencollective.com/typescript-eslint
├─ @typescript-eslint/eslint-plugin@8.17.0, @typescript-eslint/scope-manager@8.17.0, @typescript-eslint/t
eslint/type-utils@8.17.0, @typescript-eslint/typescript-estree@8.17.0, @typescript-eslint/utils@8.17.0, @typesc
@8.17.0, @typescript-eslint/parser@8.17.0
├─ https://opencollective.com/unts/projects/eslint-import-resolver-ts
├─ eslint-import-resolver-typescript@3.7.0
├─ https://github.com/sponsors/antonk52
└─ lilconfig@3.1.3

```

At the bottom, a PowerShell prompt shows the current directory: `PS C:\IT COURSE Q2\Hackathone\hackathon day 4\figma>`

tp://localhost:3000/



## Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

▲ 0–49    ■ 50–89    ● 90–100

MFTRICS



Activate Windows  
Expand view

p://localhost:3000/



## Best Practices

### GENERAL

- ▲ Browser errors were logged to the console
- ▲ Missing source maps for large first-party JavaScript

### TRUST AND SAFETY

- Ensure CSP is effective against XSS attacks

Activate Windows  
Go to Settings to activate Windows.

http://localhost:3000/



## Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

### NAMES AND LABELS

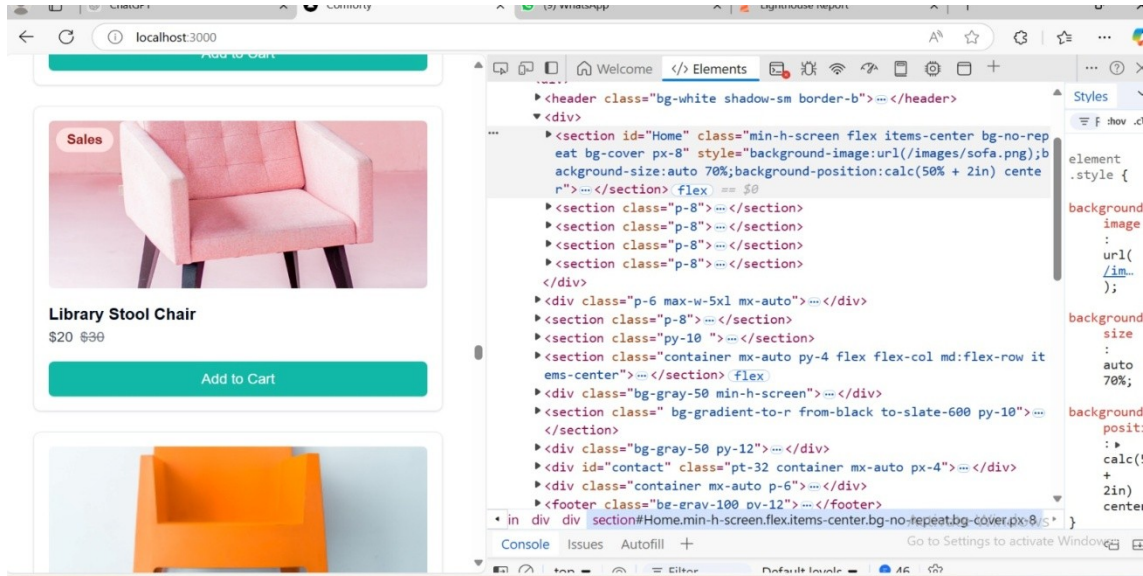
- ▲ Buttons do not have an accessible name
- ▲ Form elements do not have associated labels

Activate Windows  
Go to Settings to activate Windows.

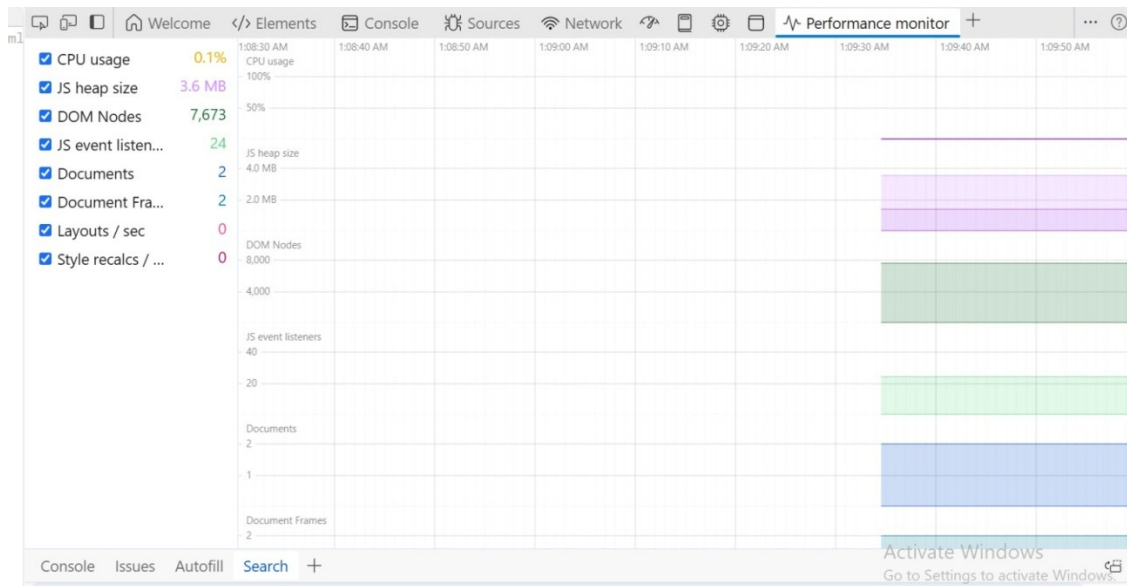


Here something pasting from document

## Inspection

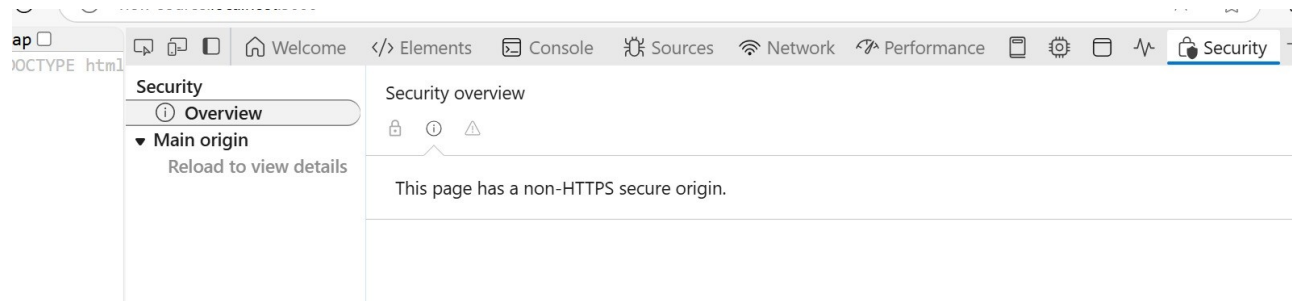


## Developer Resources





# Security



I have completed my website's functional testing, thoroughly verifying all features, workflows, and functionalities. This includes testing error handling mechanisms, validating backend operations, and ensuring seamless integration between the front-end and back-end. All identified issues have been documented, and the system is performing as expected based on the requirements.