HACKTHOOON DAY 5 TESTING HEADING AND BACKEND INTEGRATION REFINEMENT

Step1: functional Testing

1. Home Page: the header includes essential elements such as the logo, account access, mini cart, and wishlist for logged-in users.

. the navigation menu for proper functionality.

. that banners and product carousels display and navigate correctly.

2. Search Functionality:

. the search feature returns relevant results based on product names, brands, or categories.

. the 'Add to Cart' button functions correctly from the search results.

3. Product Listing Page:

. pagination products are displayed across multiple pages as intended.

. filter functionalities users can narrow down products effectively.

. the 'Add to Cart' button works for each listed product.
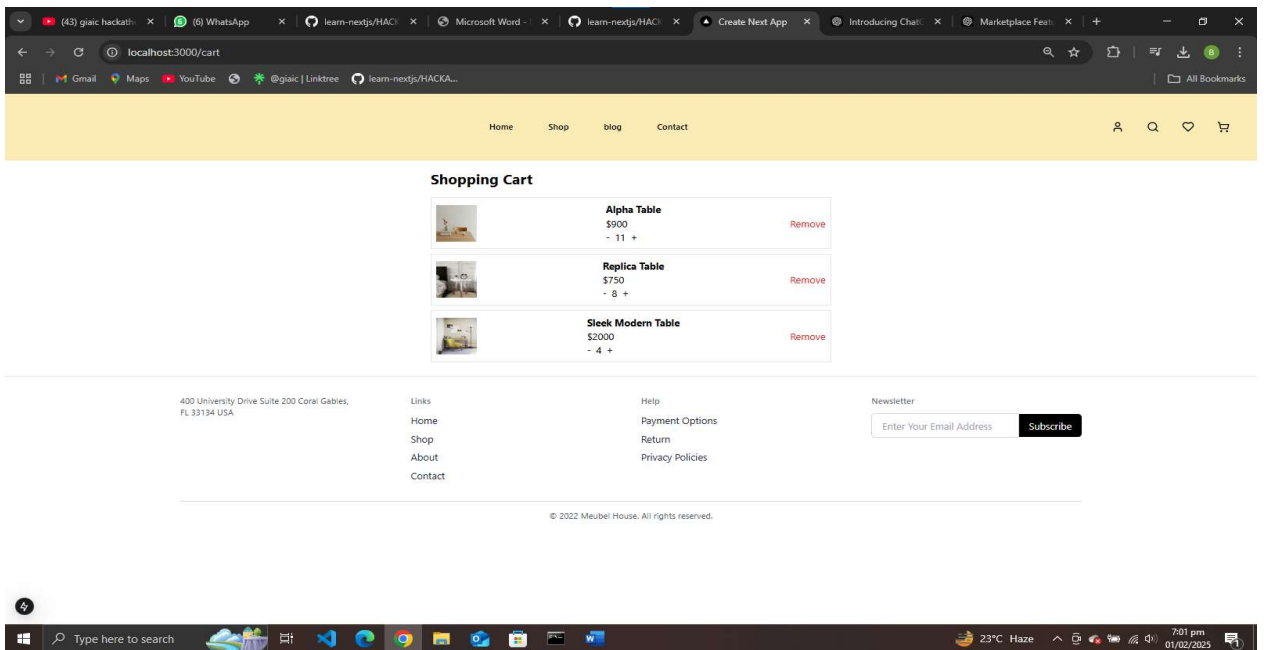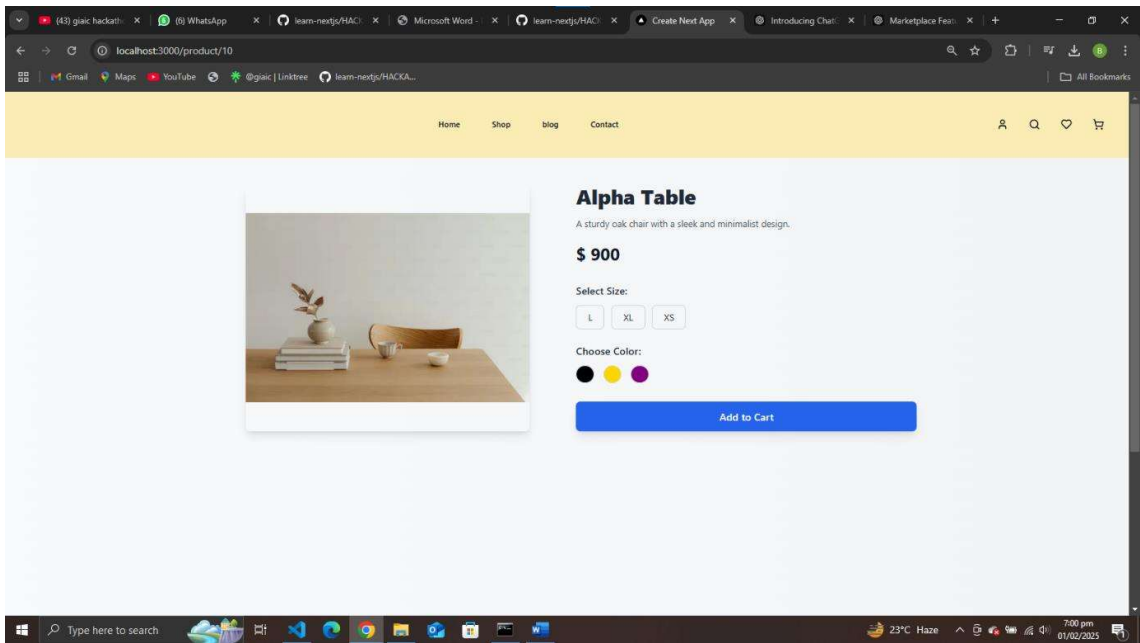
4. Product Details Page:

. the 'Add to Cart' and 'Wishlist' functionalities operate correctly.

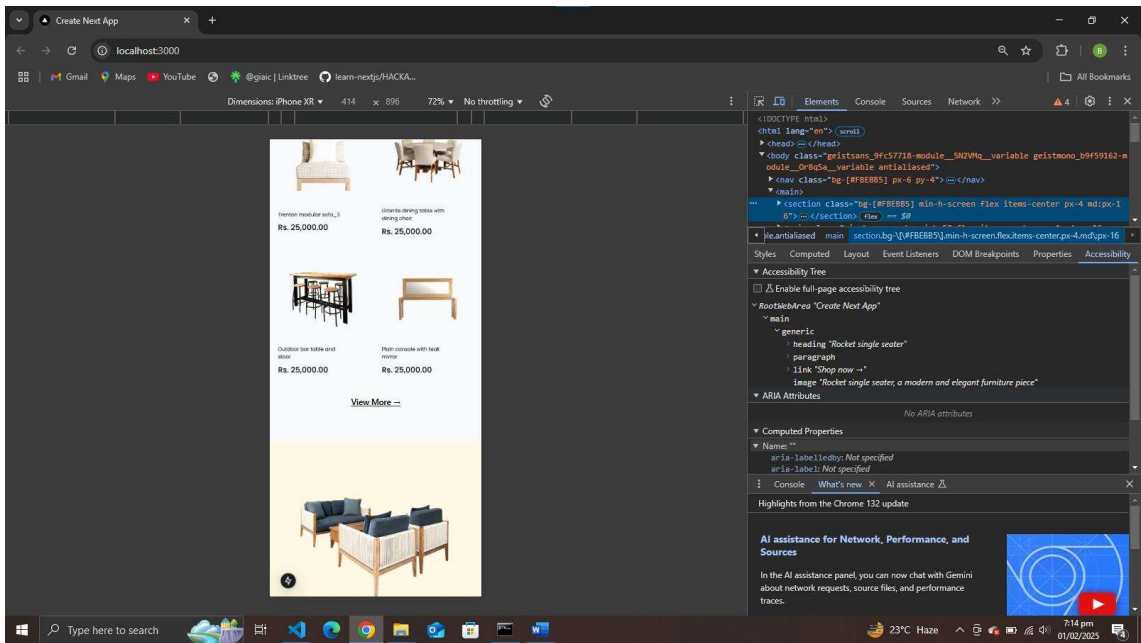- that product reviews are displayed and can be submitted appropriately.

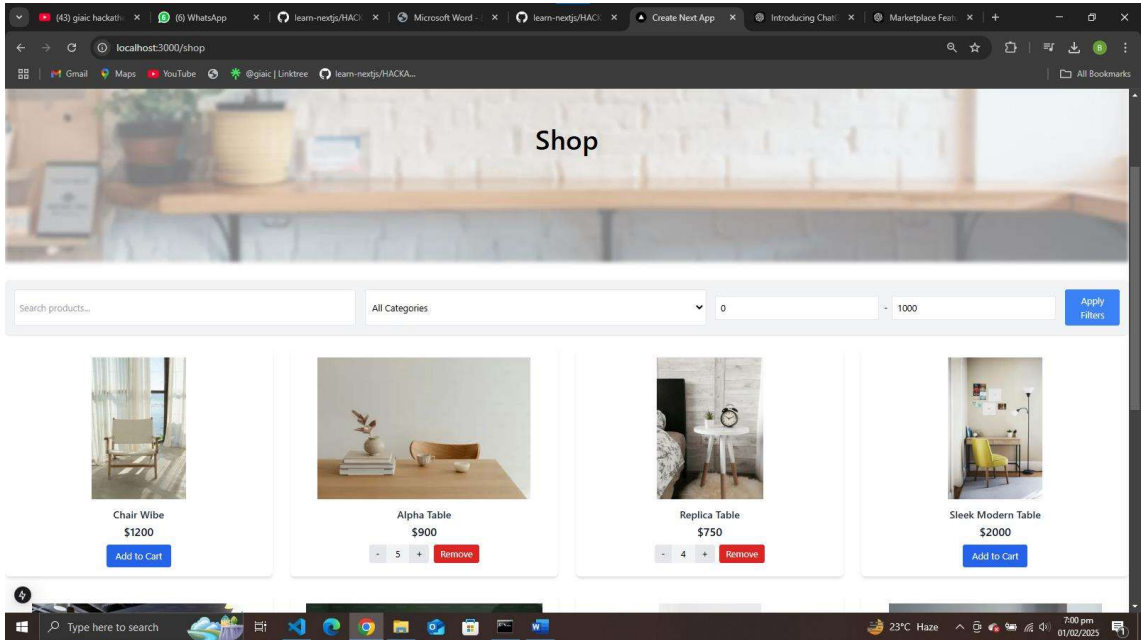5. Shopping Cart:

. the 'Proceed to Checkout' button to ensure it directs users correctly.

- users can adjust product quantities and that the cart updates totals accordingly.

6. Checkout Process:

. users can select shipping methods and that associated costs are calculated accurately.

. the order success page displays all necessary information and that users have the option to continue shopping.

localhost:3000/shop

Shop

Search products...   All Categories   0 - 1000   Apply Filters

Chair Wibe
$1200
Add to Cart

Alpha Table
$900
- 5 + Remove

Replica Table
$750
- 4 + Remove

Sleek Modern Table
$2000
Add to Cart

Create Next App

localhost:3000

Dimensions: iPhone XR ▼   414 × 896   72% ▼   No throttling ▼

trenton modular sofa_3
Rs. 25,000.00

Granite dining table with dining chair
Rs. 25,000.00

Outdoor bar table and stool
Rs. 25,000.00

Plain console with teak mirror
Rs. 25,000.00

View More →

Elements Console Sources Network

```
<!DOCTYPE html>
<html lang="en"> scroll
▶ <head> ··· </head>
▼ <body class="geistsans_9fc57718-module__5N2VMq__variable geistmono_b9f59162-m
  odule__Or8q5a__variable antialiased">
  ▶ <nav class="bg-[#FBEBB5] px-6 py-4"> ··· </nav>
  ▼ <main>
    ▶ <section class="bg-[#FBEBB5] min-h-screen flex items-center px-4 md:px-1
      6"> ··· </section>  flex == $0
```

le.antialiased main section.bg-\[\#FBEBB5\].min-h-screen.flex.items-center.px-4.md:px-16

Styles Computed Layout Event Listeners DOM Breakpoints Properties Accessibility

▼ Accessibility Tree
☐ ⚠ Enable full-page accessibility tree
▼ RootWebArea "Create Next App"
  ▼ main
    ▼ generic
      ▶ heading "Rocket single seater"
      ▶ paragraph
      ▶ link "Shop now →"
        image "Rocket single seater, a modern and elegant furniture piece"
▼ ARIA Attributes
              No ARIA attributes
▼ Computed Properties
▼ Name: ""
    aria-labelledby: Not specified
    aria-label: Not specified

Console What's new AI assistance ⚠

Highlights from the Chrome 132 update

AI assistance for Network, Performance, and Sources

In the AI assistance panel, you can now chat with Gemini about network requests, source files, and performance traces.
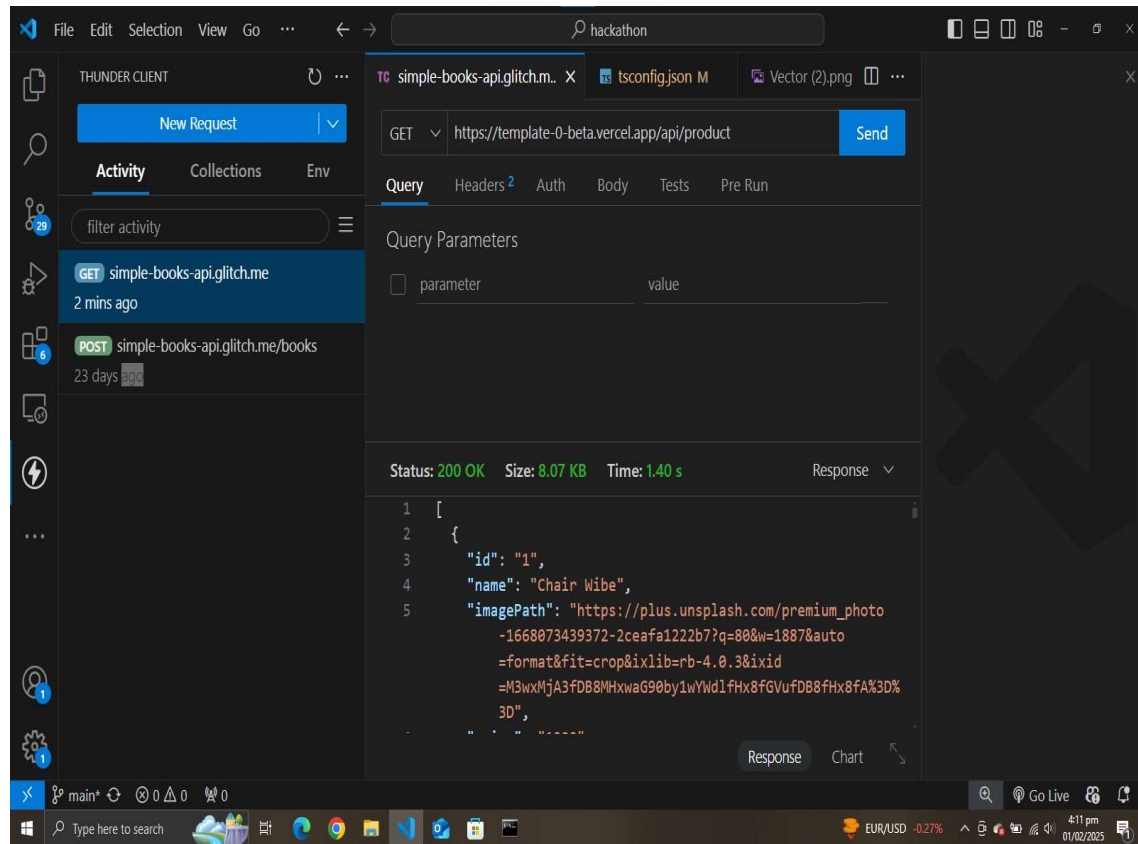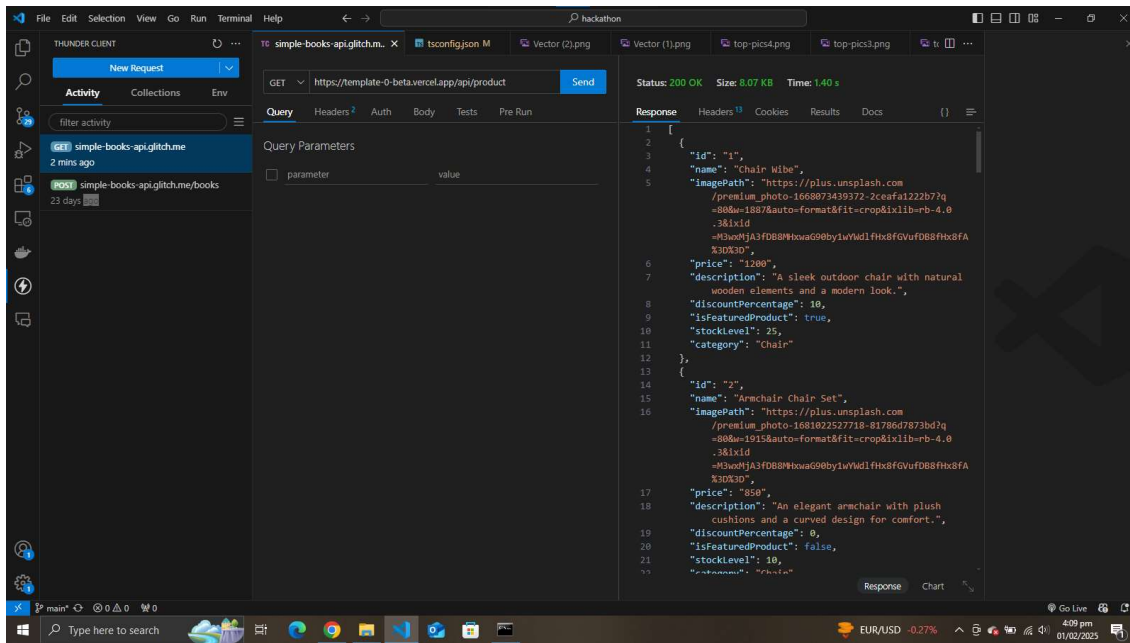
## 3. Error Handling

. my data is fetch perfectly from api

. and the callback ui work perfectly

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result
2	TC001	Validate product listing page	Open product page > Verify products	Products displayed correct
3	TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error
4	TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added p
5	TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to

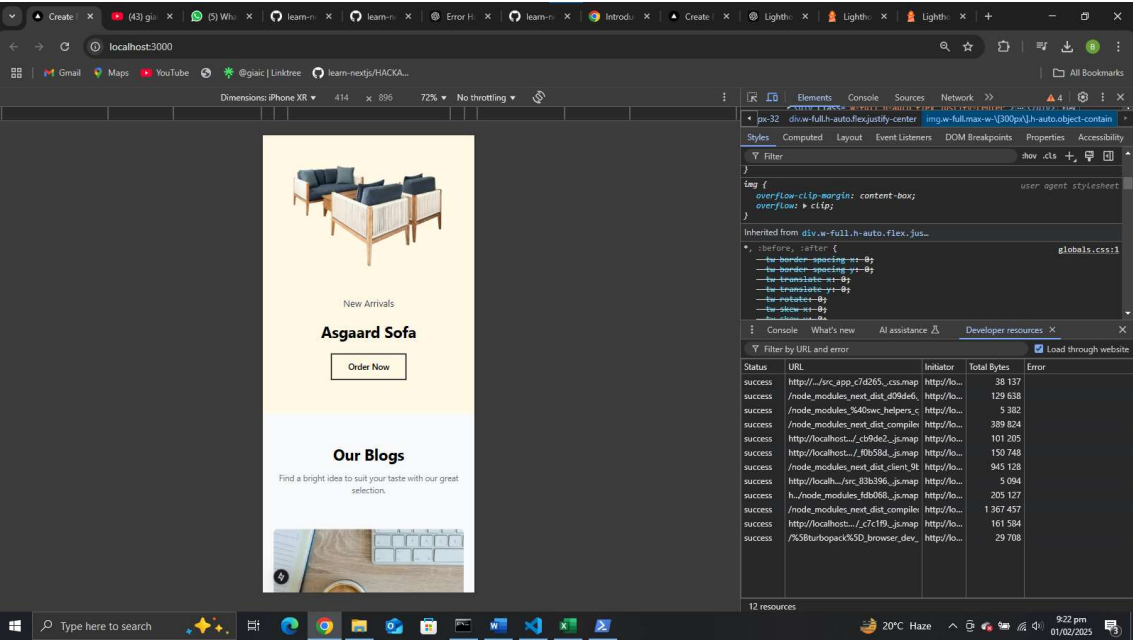# Step4: performance Optimization
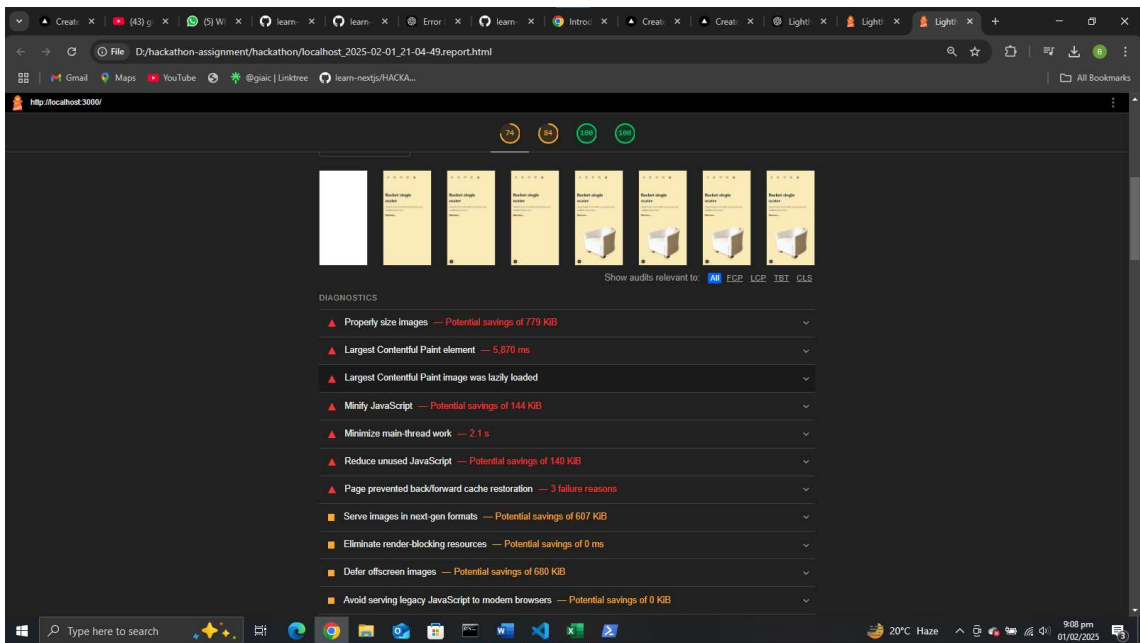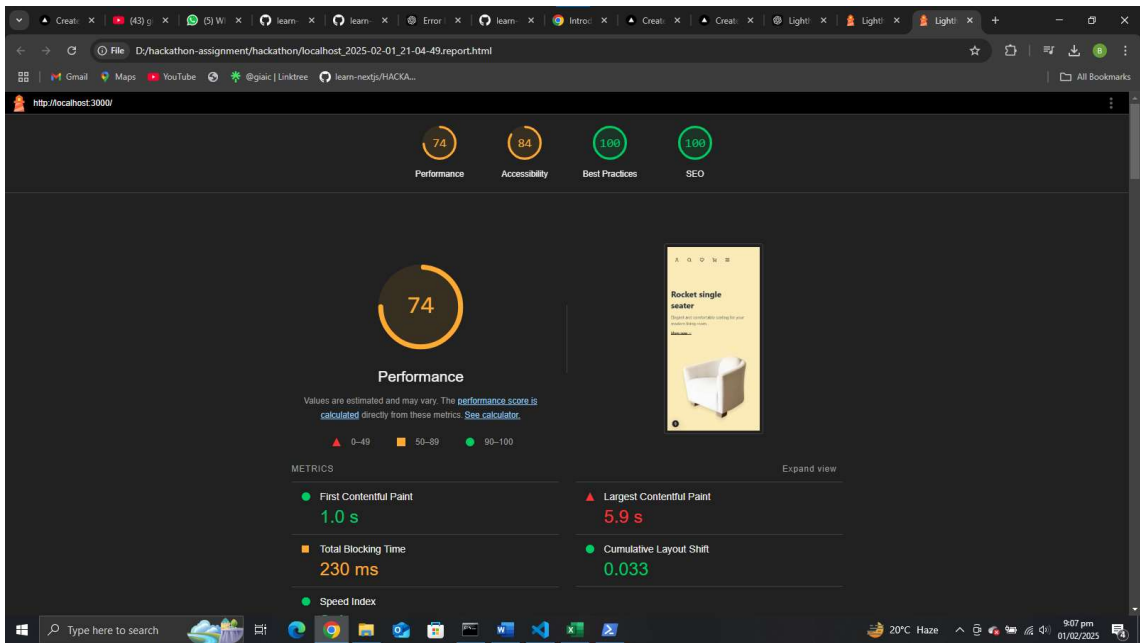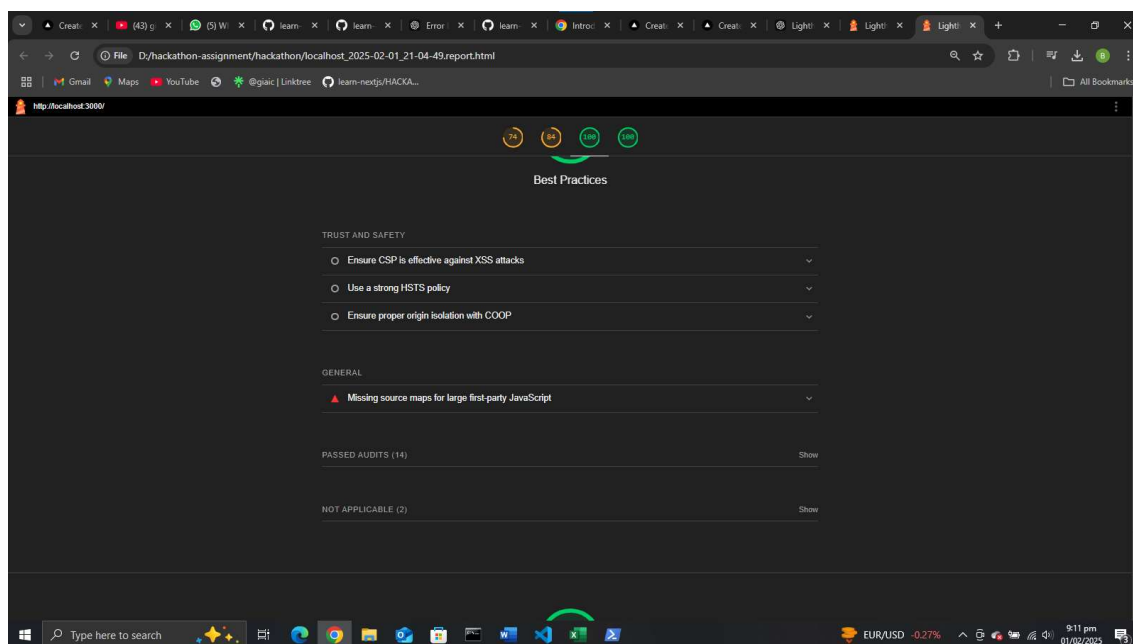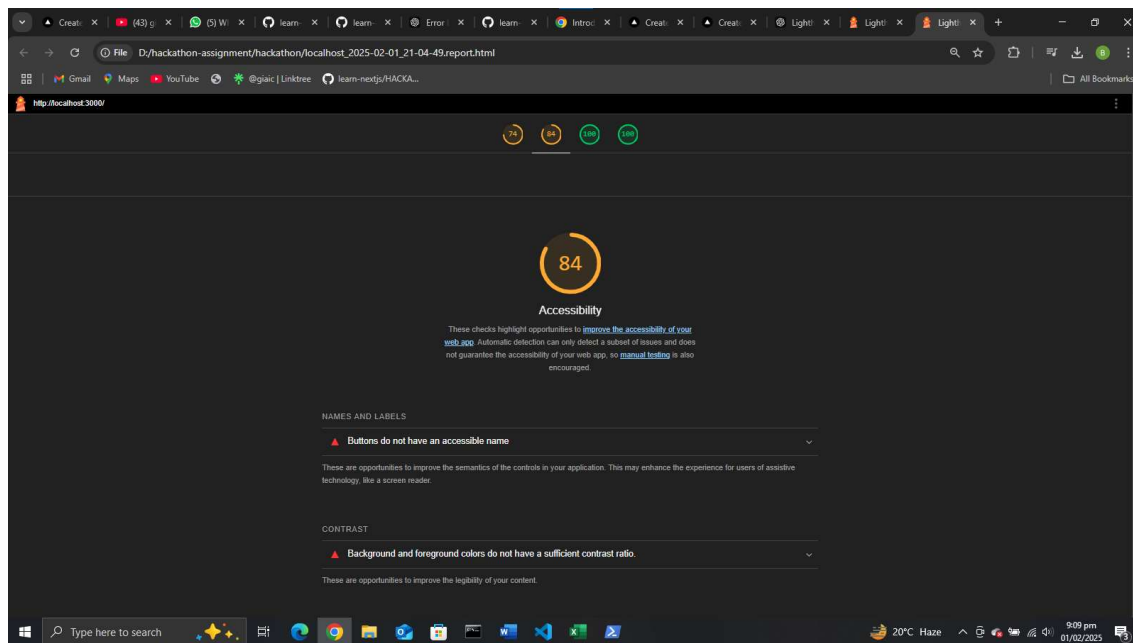
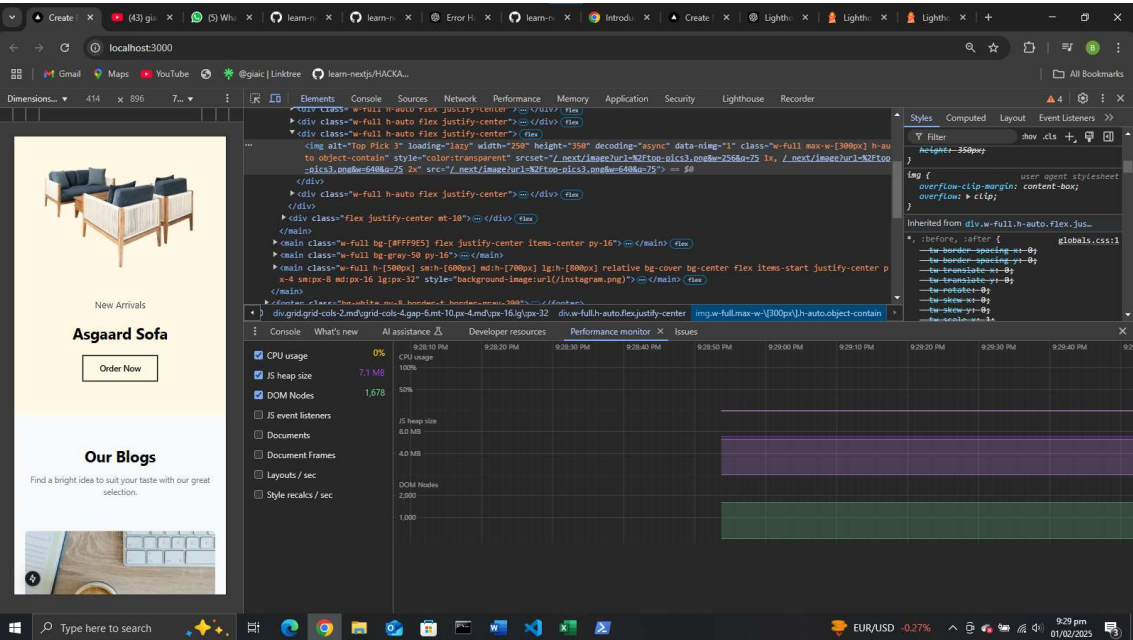Trust and Safety

Ensure CSP is effective against XSS attacks

Use a strong HSTS policy

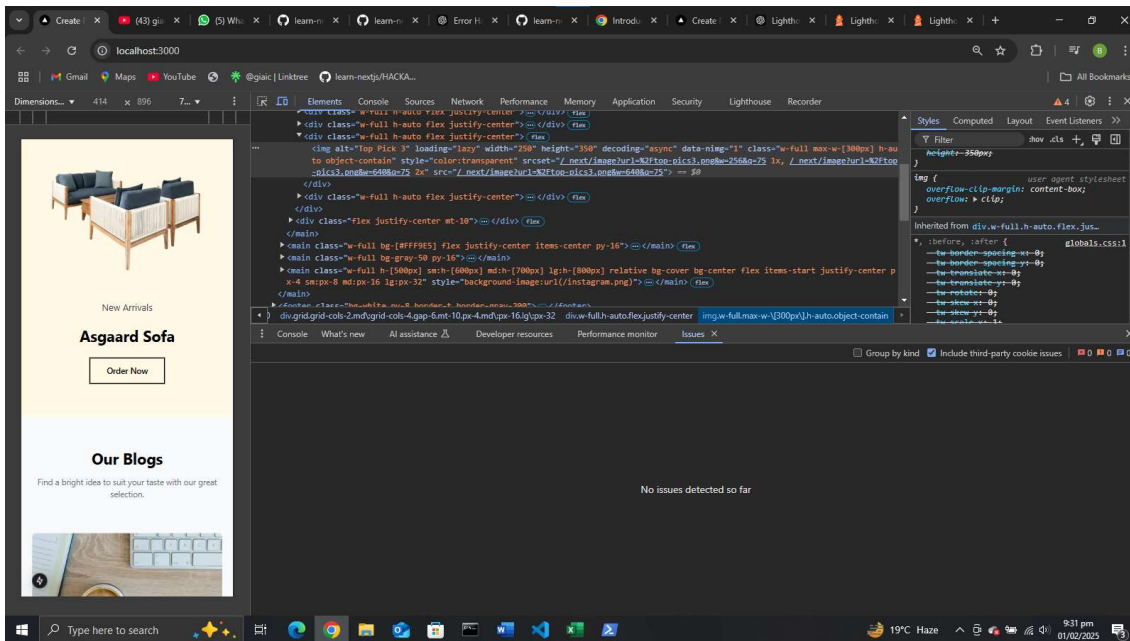# Ensure proper origin isolation with COOP

; Developer Resources:

:Performance Monitor:

: issue

Security: