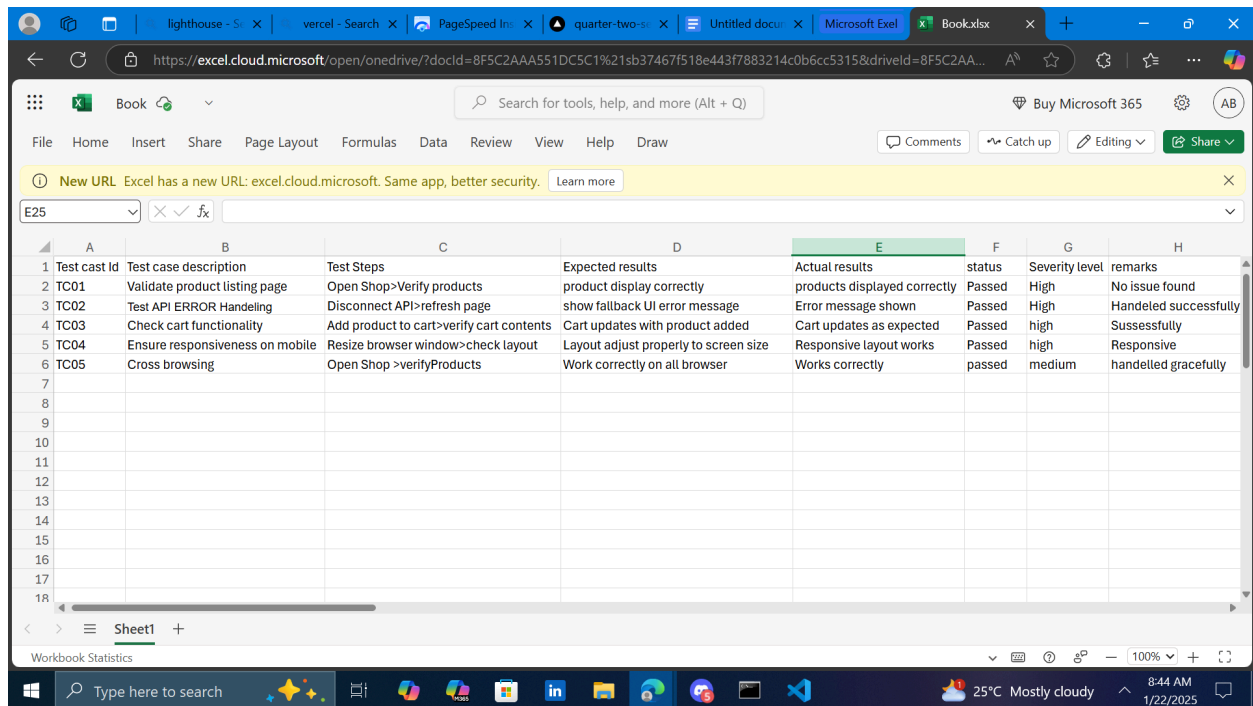


Day 5 - Testing and Backend Refinement - General E-commerce

Testing report



New URL Excel has a new URL: excel.cloud.microsoft. Same app, better security. Learn more

	A	B	C	D	E	F	G	H
1	Test cast Id	Test case description	Test Steps	Expected results	Actual results	status	Severity level	remarks
2	TC01	Validate product listing page	Open Shop>Verify products	product display correctly	products displayed correctly	Passed	High	No issue found
3	TC02	Test API ERROR Handling	Disconnect API>refresh page	show fallback UI error message	Error message shown	Passed	High	Handeled successfully
4	TC03	Check cart functionality	Add product to cart>verify cart contents	Cart updates with product added	Cart updates as expected	Passed	high	Sussessfully
5	TC04	Ensure responsiveness on mobile	Resize browser window>check layout	Layout adjust properly to screen size	Responsive layout works	Passed	high	Responsive
6	TC05	Cross browsing	Open Shop >verifyProducts	Work correctly on all browser	Works correctly	passed	medium	handelled gracefully
7								
8								
9								
10								
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12								
13								
14								
15								
16								
17								
18								

Workbook Statistics

Type here to search

25°C Mostly cloudy 8:44 AM 1/22/2025

Test one ID:TC01

Test Case ID: TC01

Test Case Description: Validate product listing page

Test Steps: Open Shop> verify products

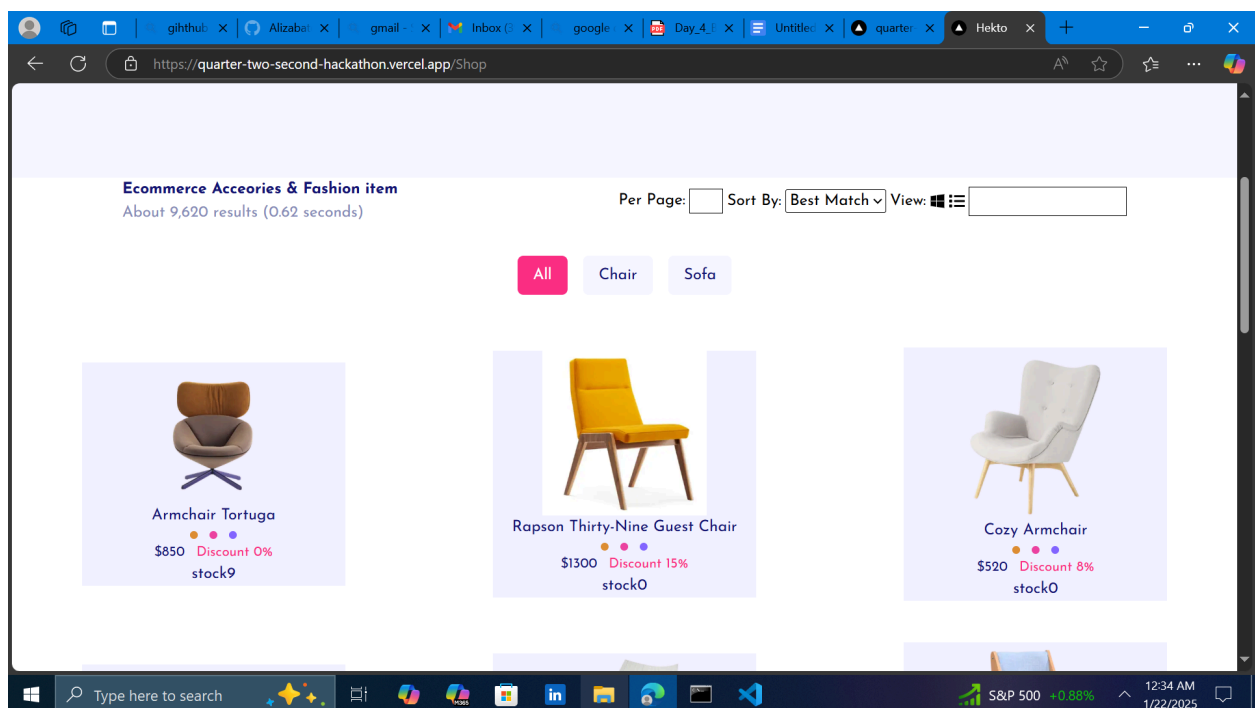
Expected Result: Product display correctly

Actual Result: Product display correctly

Status:Passed

Severity Level: High

Remarks: No issue found



Test one ID:TC02

Test Case ID: TC02

Test Case Description: Test API ERROR Handling

Test Steps: Disconnect API> Refresh page

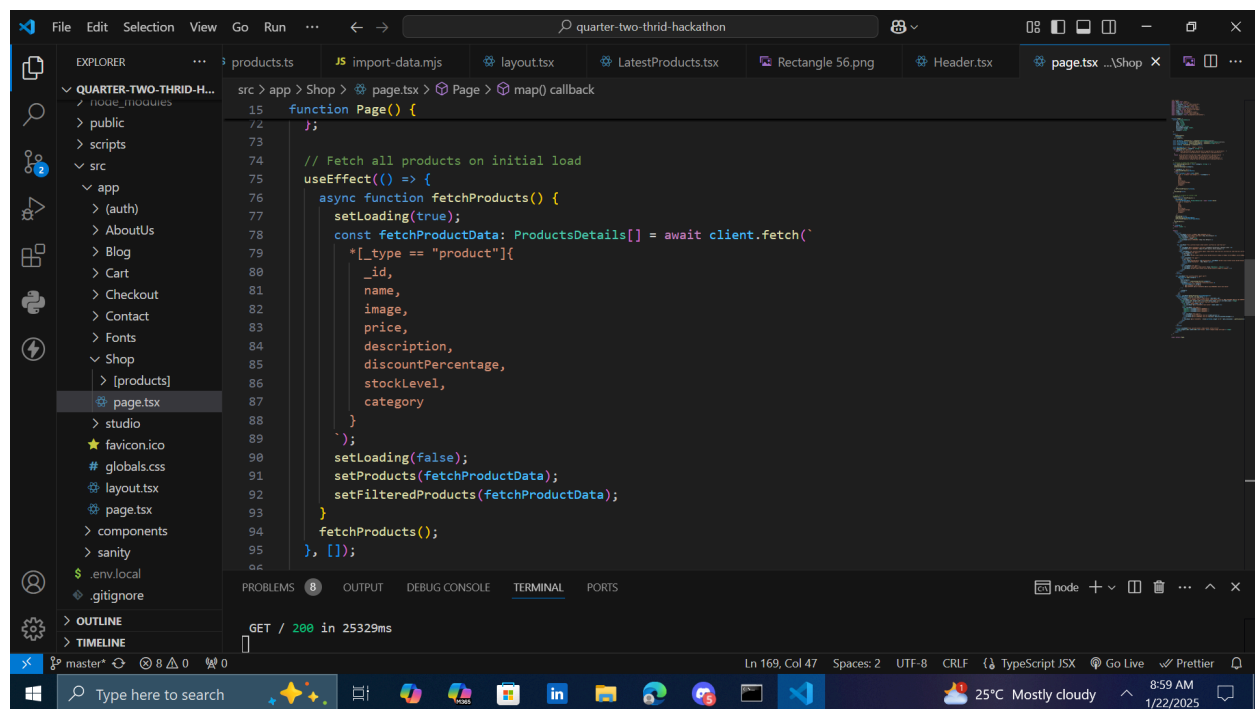
Expected Result: Show fallback UI error page

Actual Result: Error message shown

Status:Passed

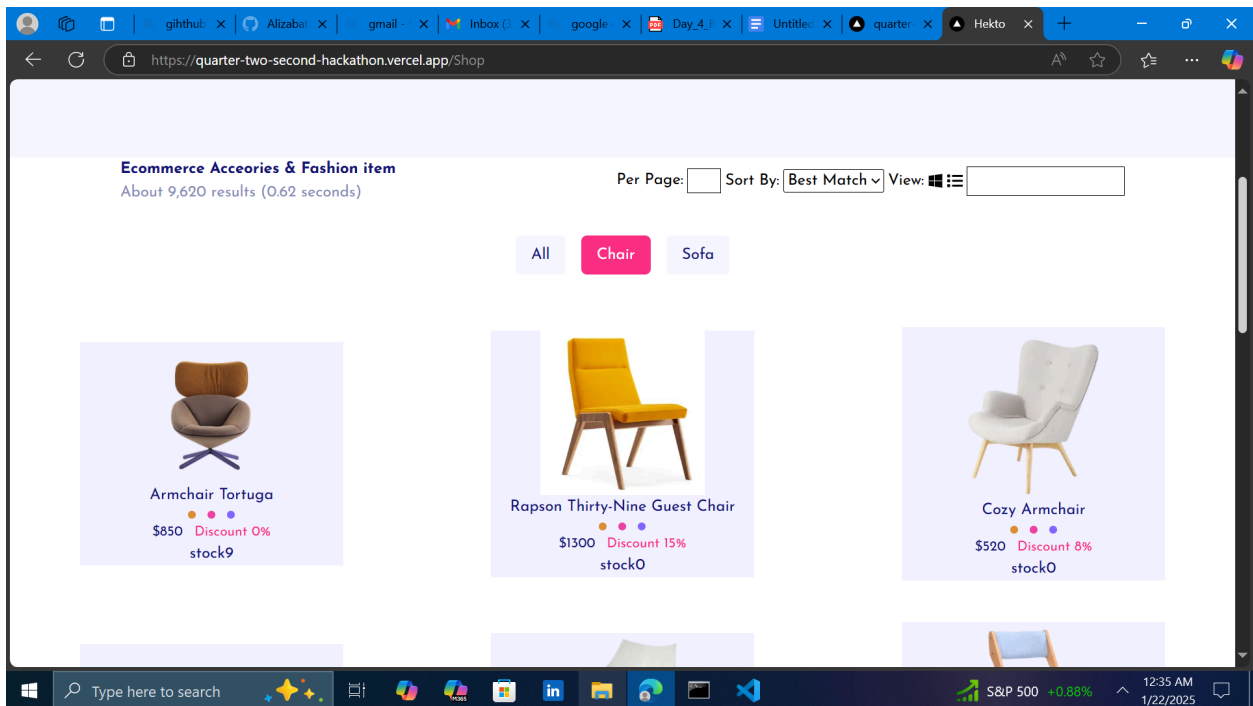
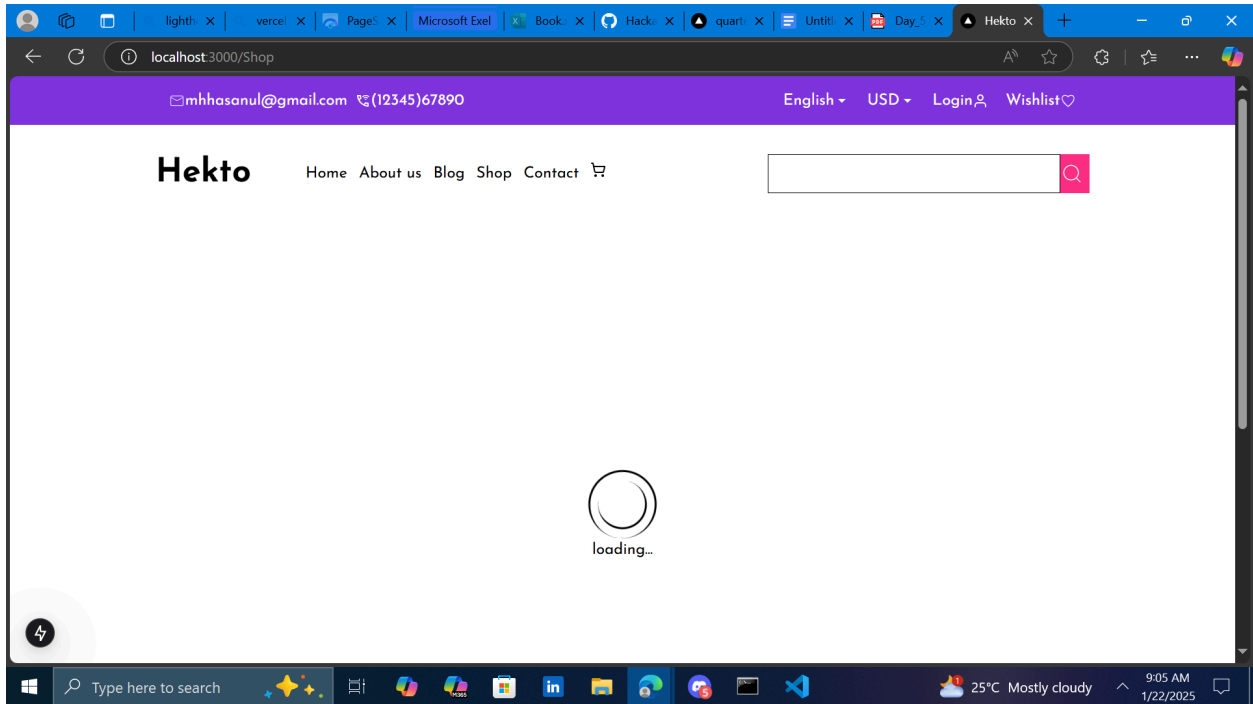
Severity Level: High

Remarks:Handled successfully



The screenshot shows a Visual Studio Code editor window with the file explorer on the left, the editor in the center, and the terminal at the bottom. The file explorer shows a project structure with a 'src' directory containing 'app', 'components', and 'sanity'. The 'app' directory contains 'auth', 'AboutUs', 'Blog', 'Cart', 'Checkout', 'Contact', 'Fonts', 'Shop', and '[products]'. The 'Shop' directory contains 'page.tsx'. The 'page.tsx' file is open in the editor, showing a function 'Page()' with a 'useEffect' hook. The 'useEffect' hook calls 'fetchProducts()' which fetches product data from an API. The terminal shows a 'GET' request with a 200 status code and a response time of 25329ms.

```
15 function Page() {  
16   // Fetch all products on initial load  
17   useEffect(() => {  
18     async function fetchProducts() {  
19       setLoading(true);  
20       const fetchProductData: ProductsDetails[] = await client.fetch(`*[_type == "product"]{  
21         _id,  
22         name,  
23         image,  
24         price,  
25         description,  
26         discountPercentage,  
27         stockLevel,  
28         category  
29       }`);  
30       setLoading(false);  
31       setProducts(fetchProductData);  
32       setFilteredProducts(fetchProductData);  
33     }  
34     fetchProducts();  
35   }, []);  
36 }
```



Test one ID:TC03

Test Case ID: TC03

Test Case Description: Check cart functionality

Test Steps:Add product to cart >verify cart contents

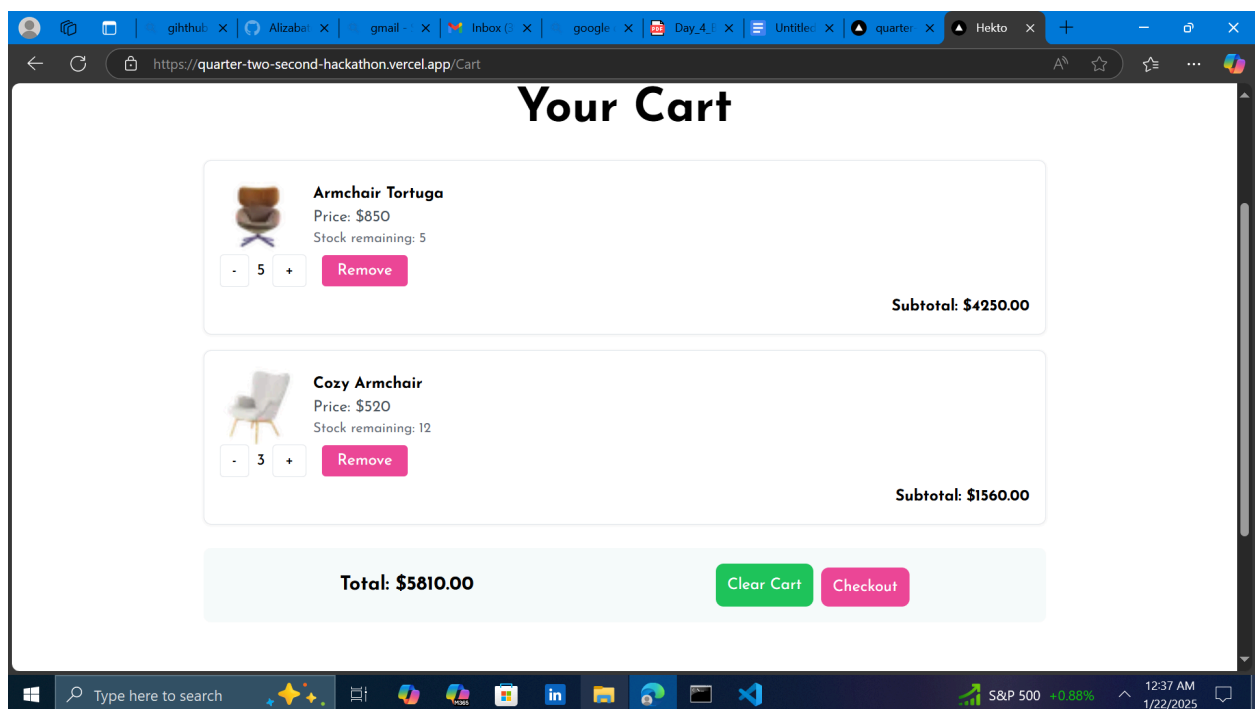
Expected Result: Cart updates added product

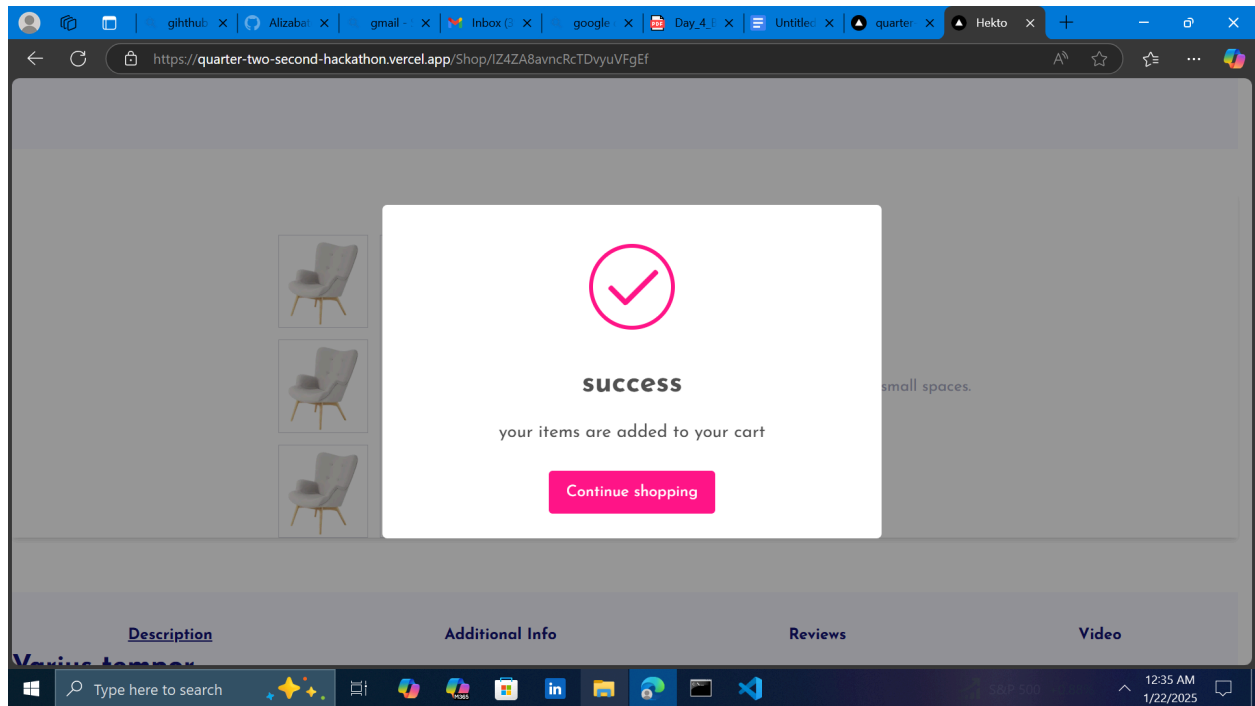
Actual Result:Cart Updates with added product

Status:Passed

Severity Level: High

Remarks:successfully





Test one ID:TC04

Test Case ID: TC04

Test Case Description: Ensure responsiveness on mobile

Test Steps: Resize window > Check layout

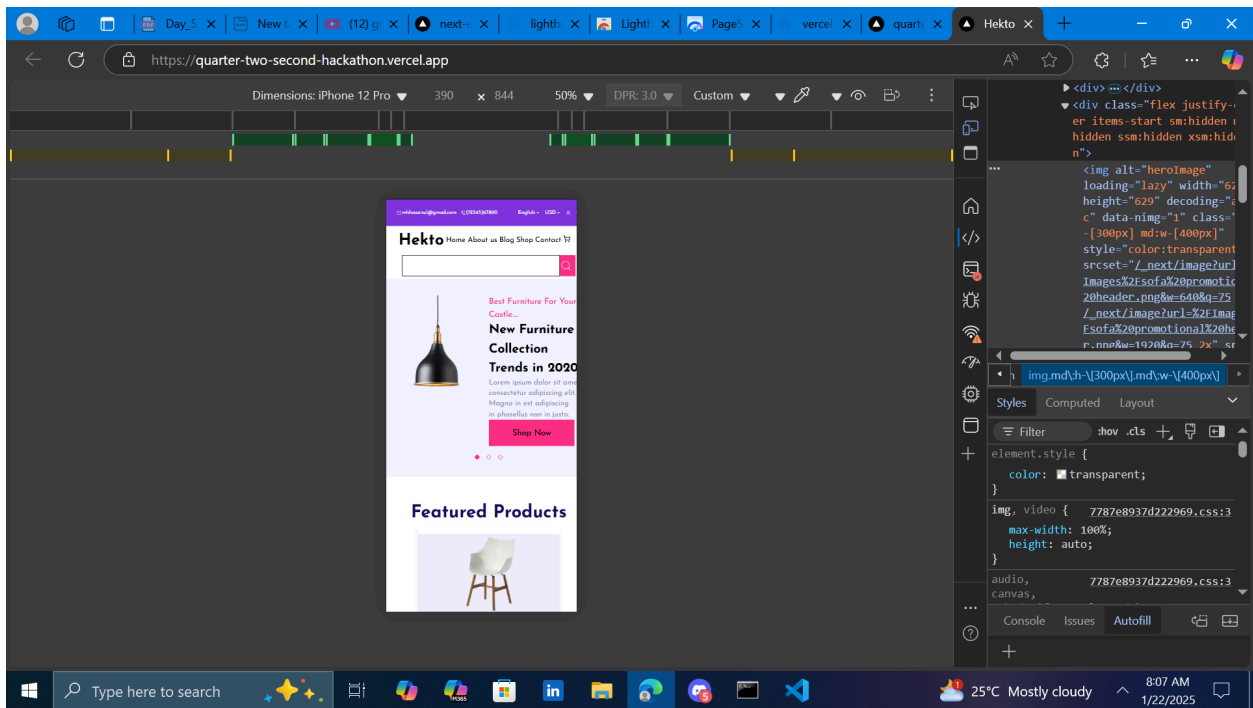
Expected Result: Layout adjust according to screen size

Actual Result: Responsive layout works

Status: Passed

Severity Level: High

Remarks: Responsive



Test one ID:TC05

Test Case ID: TC05

Test Case Description: Cross browsing

Test Steps:open shop >verify products

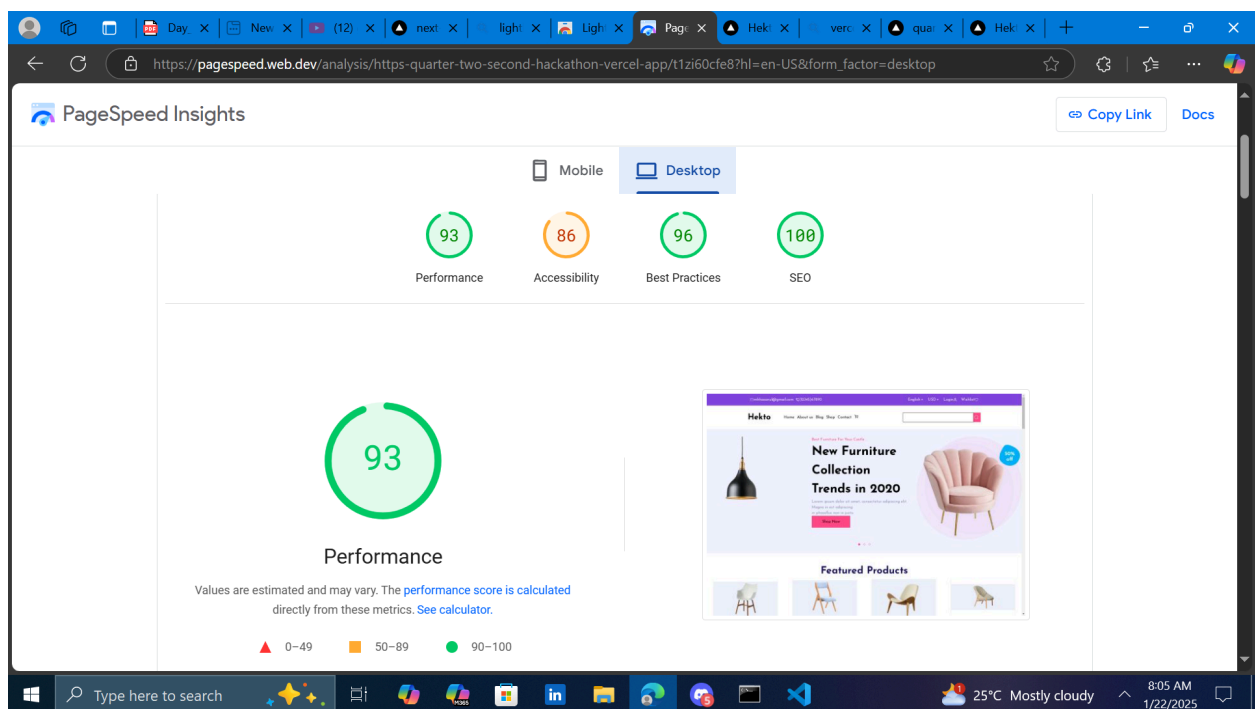
Expected Result: work correctly on all browser

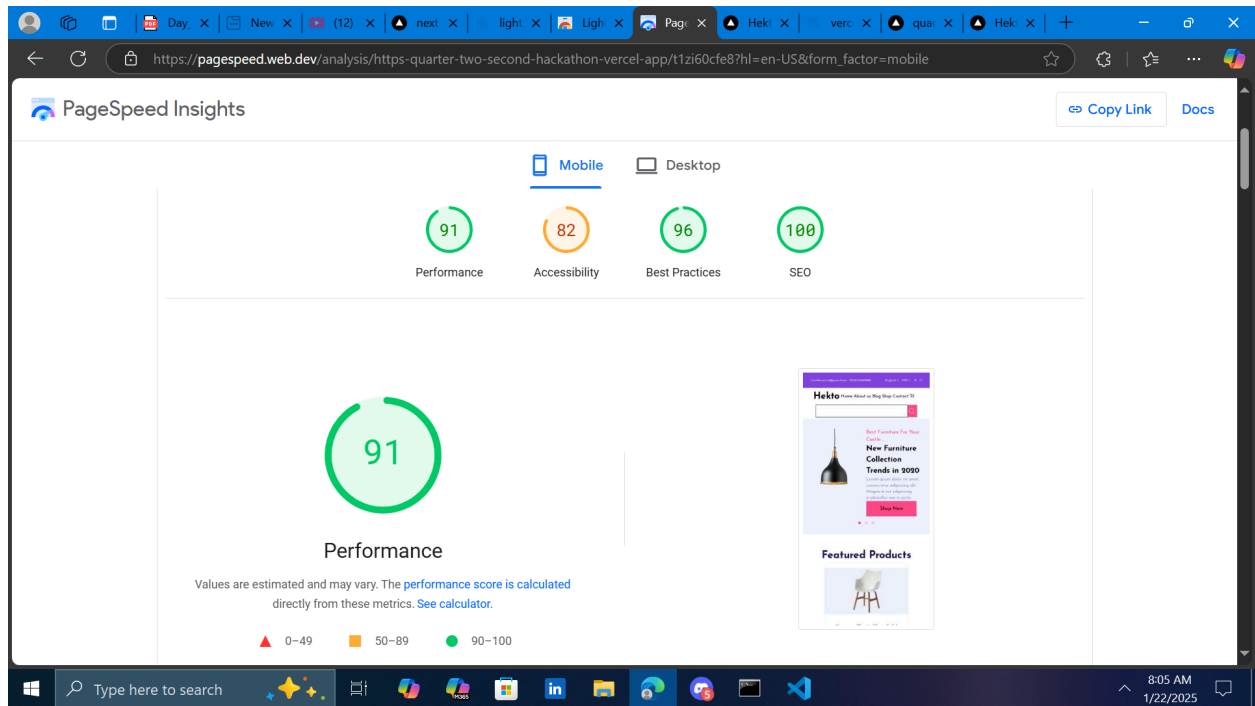
Actual Result:works correctly

Status:Passed

Severity Level: medium

Remarks:handled successfully





Conclusion:

Hence to conclude day five I have achieved the following goals

Functional Testing: ✓ Error Handling: ✓ Performance Optimization: ✓

Cross-Browser and Device Testing: ✓ Documentation: ✓ Final Review: ✓ ✗