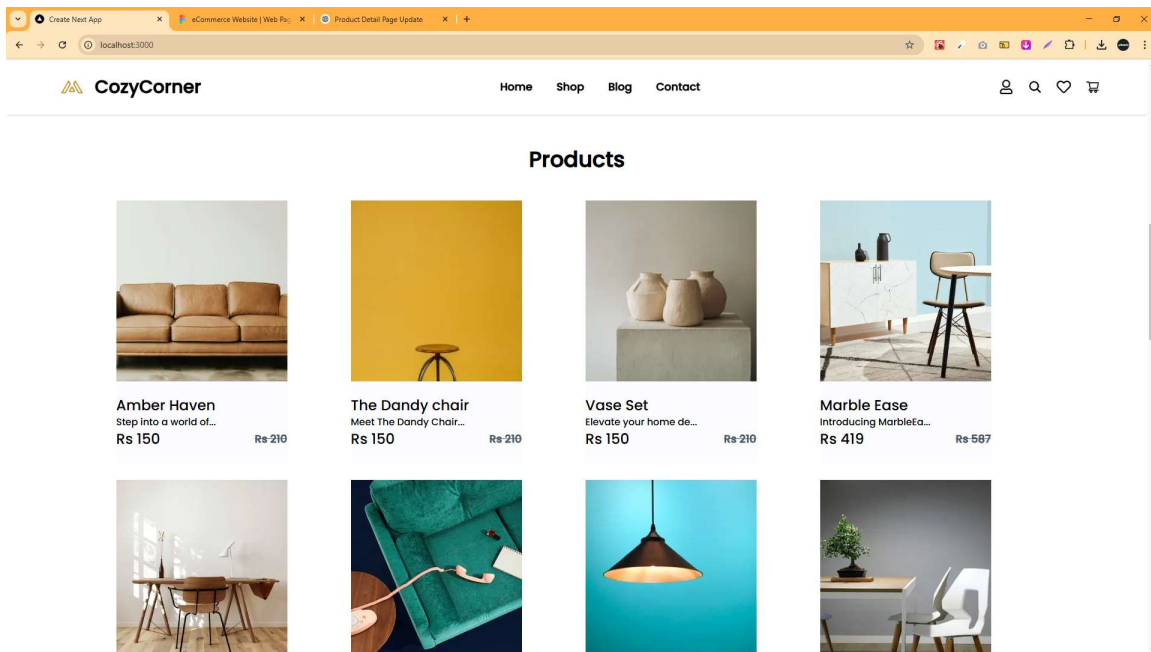


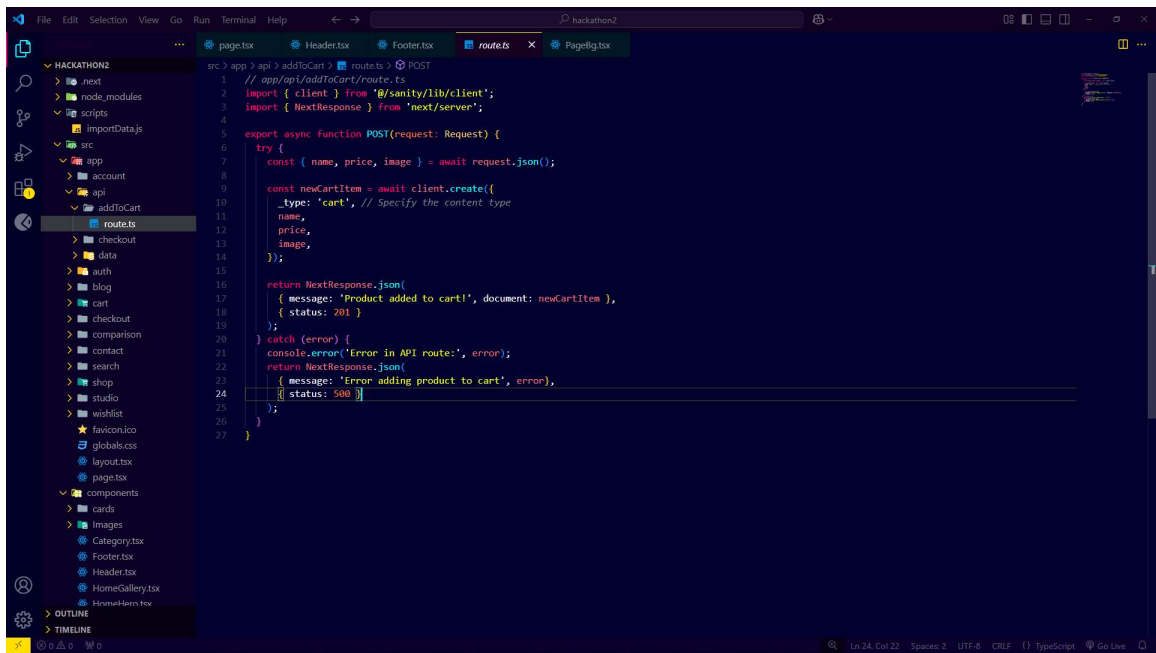
Day 5

Testing Error Handling and Backend Integration Refinement

Functionality Testing:



Handle Errors:



```
1 // app/api/addToCart/route.ts
2 import { client } from '@sanity/lib/client';
3 import { NextResponse } from 'next/server';
4
5 export async function POST(request: Request) {
6   try {
7     const { name, price, image } = await request.json();
8
9     const newCartItem = await client.create({
10       _type: 'cart', // Specify the content type
11       name,
12       price,
13       image,
14     });
15
16     return NextResponse.json(
17       { message: 'Product added to cart!', document: newCartItem },
18       { status: 201 }
19     );
20   } catch (error) {
21     console.error('Error in API route:', error);
22     return NextResponse.json(
23       { message: 'Error adding product to cart', error },
24       { status: 500 }
25     );
26   }
27 }
```

Performance Testing:



Performance



Accessibility

Best
Practices

SEO

There were issues affecting this run of Lighthouse:

- The page loaded too slowly to finish within the time limit. Results may be incomplete.



Performance

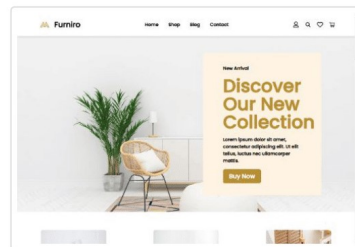
Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)



0–49

50–89

90–100



METRICS

[Expand view](#)

First Contentful Paint

0.3 s

Largest Contentful Paint

0.5 s



Total Blocking Time

1,970 ms

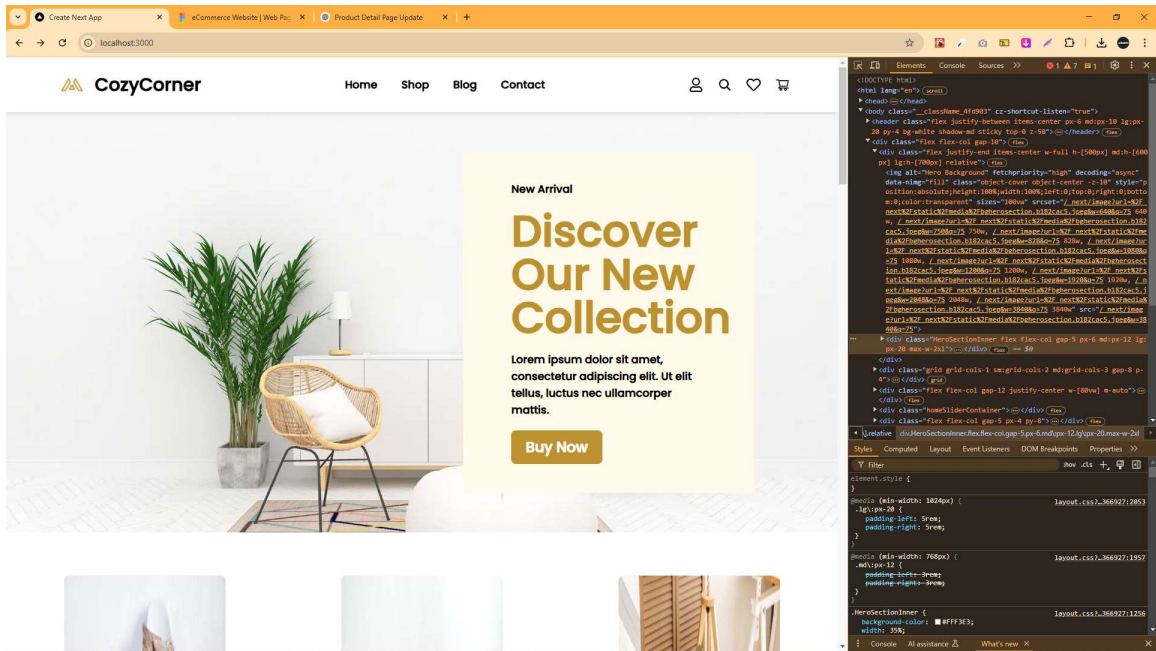
Cumulative Layout Shift

0.007

Speed Index

1.0 s

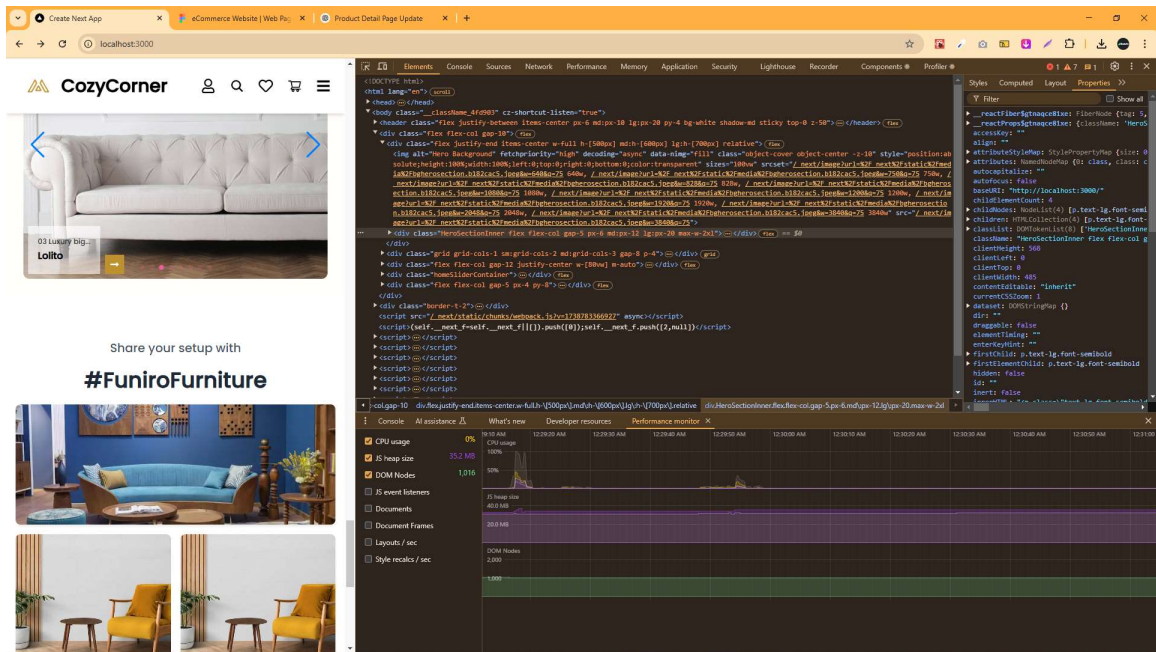
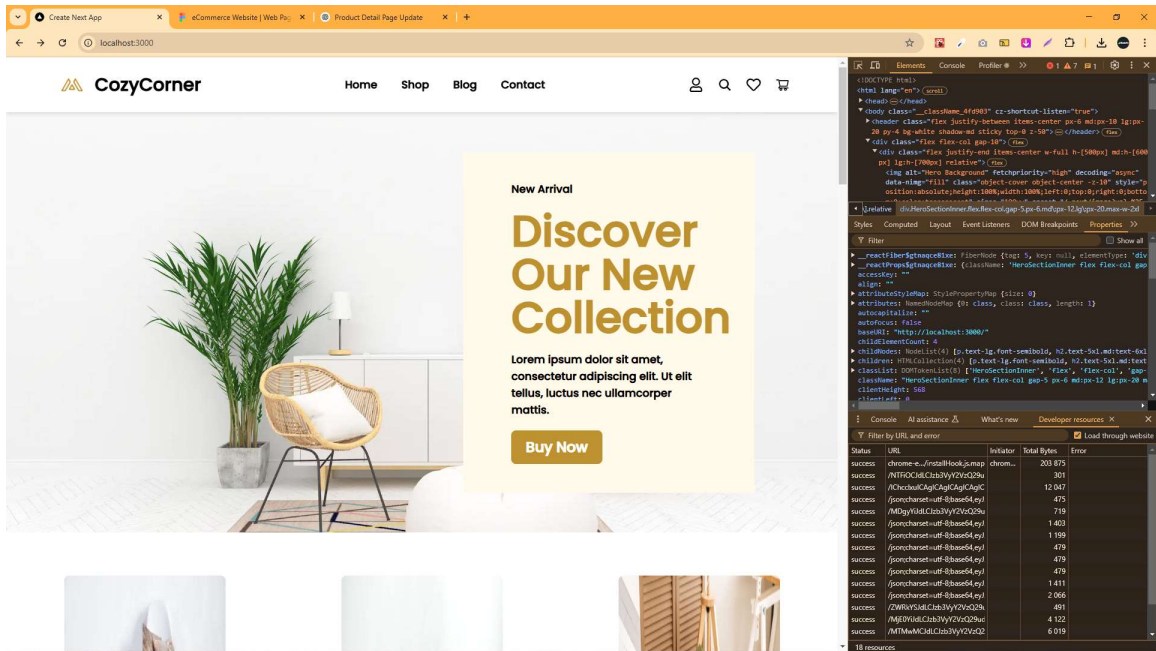
Cross-Browser and Device Testing:



Testing Report (CSV Format):

Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity-Level	Assigned to	Remarks
Validate product listing page	Open product page > Verify products	Products displayed correctly	Yes Products displayed correctly	Passed	High	-	No issue found
Test Api error handling	Disconnect API>Refresh page	Show fallback UI with error message	Error msg shown	Passed	High	-	works properly
Check cart functionality	Add product to cart>Verify Cart Content	Cart Updates with added products	Cart updates as expected	Passed	High	-	works successfully
Ensure responsiveness on mobile	Resize Browser window>Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	High	-	No issues found

Developer Resources:



Testing API:

