

Day 5 - Testing and Backend Refinement - Nike

Test cases executed and their results.

1. Test Case ID: TC001

Test Case Description: **Validate Product Listing Page**

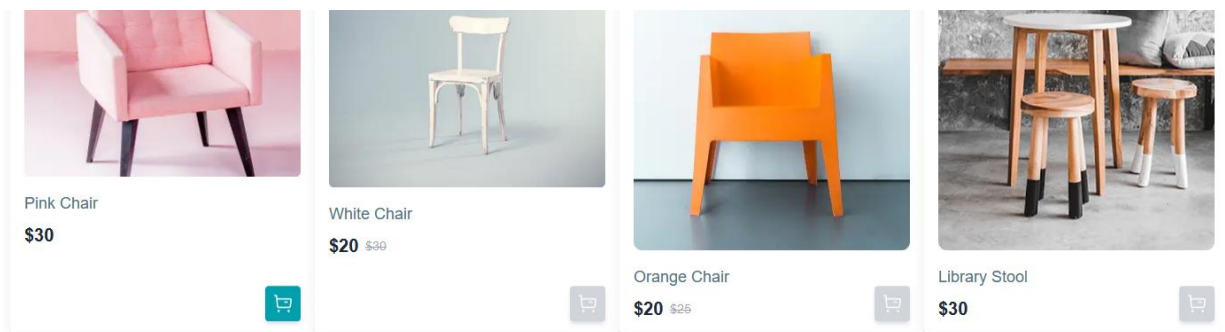
Steps: Open Products Page > **Validate Products Expected**

Result: **Products Display Successfully Actual**

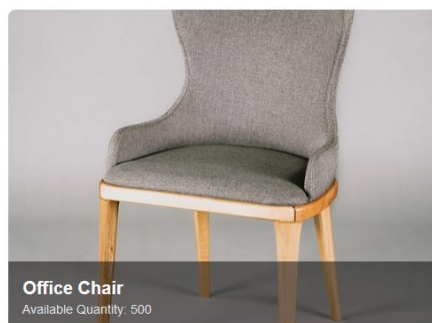
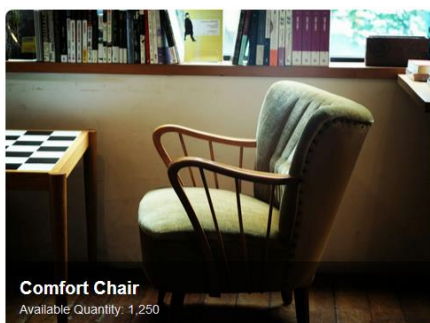
Result: **Products Display Successfully**

Severity Level: **Low Assigned To**

Remarks: **No Issue Found**



Top Category



2. Test Case ID: TC002

Test Case Description: **Test API Error Handling**

Test Steps: Disconnect Groq Query > **Refresh Page**

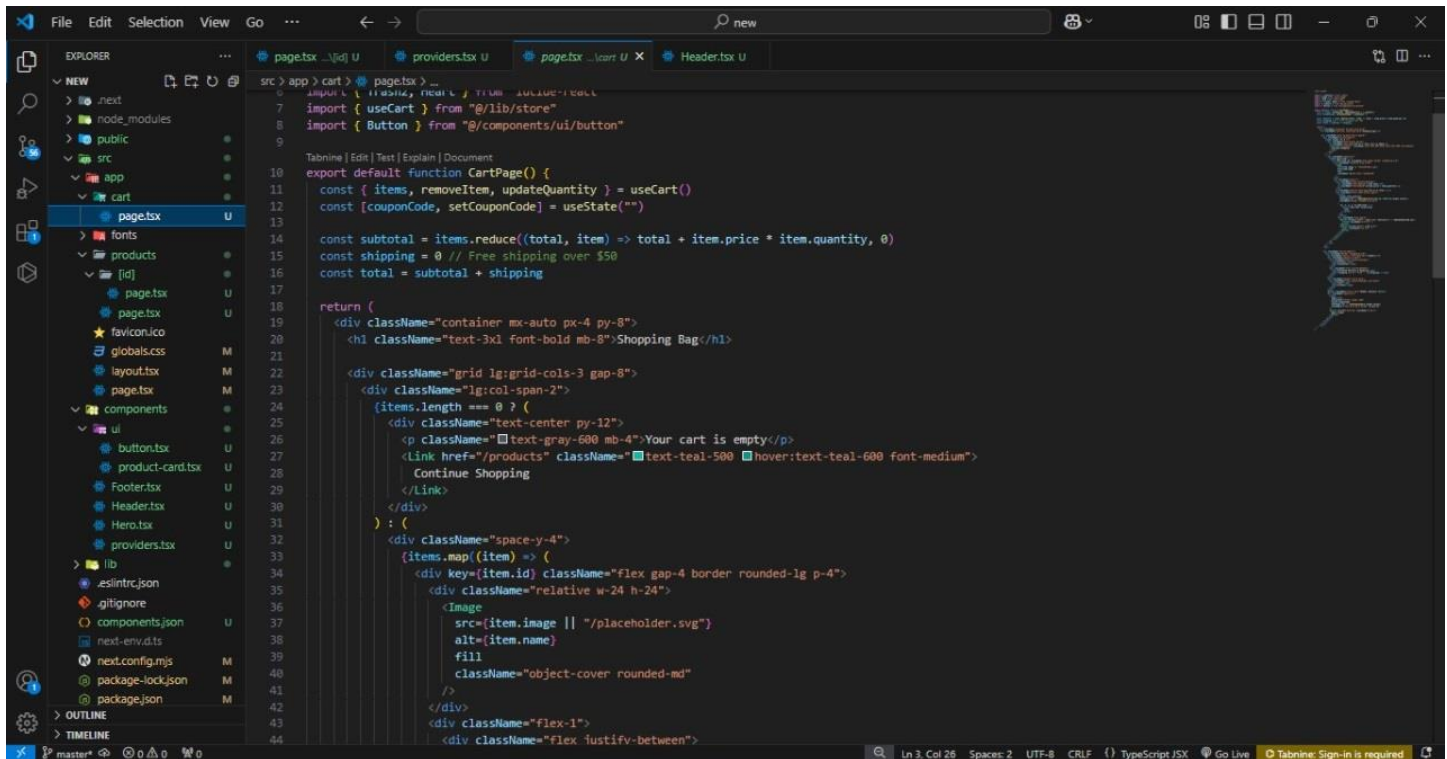
Expected Result: **Show Error Message on Screen**

Actual Result: **Show Error Message on Screen**

Severity Level: **Low**

Assigned To: -

Remarks: **Handle Gracefully**



The screenshot shows a VS Code editor with a project structure on the left and a code editor on the right. The project structure includes a 'src' directory with 'app', 'components', and 'lib' subdirectories. The 'app' directory contains 'page.tsx', 'providers.tsx', and 'Header.tsx'. The 'components' directory contains 'button.tsx', 'product-card.tsx', 'Footer.tsx', 'Hero.tsx', and 'providers.tsx'. The 'lib' directory contains 'utils.ts' and 'hooks.ts'. The code editor shows the 'page.tsx' file, which is a Next.js page component. It imports 'useCart' from '@/lib/store' and 'Button' from '@/components/ui/button'. The component is a function called 'CartPage' that uses the 'useCart' hook to get the cart state. It calculates the subtotal, shipping, and total. It also checks if the cart is empty and displays a message. The component is rendered with Tailwind CSS classes.

```
src > app > cart > page.tsx
import { useState, useEffect, useMemo } from 'react'
import { useCart } from '@lib/store'
import { Button } from '@components/ui/button'

export default function CartPage() {
  const { items, removeItem, updateQuantity } = useCart()
  const [couponCode, setCouponCode] = useState('')

  const subtotal = items.reduce((total, item) => total + item.price * item.quantity, 0)
  const shipping = 0 // Free shipping over $50
  const total = subtotal + shipping

  return (
    <div className="container mx-auto px-4 py-8">
      <h1 className="text-3xl font-bold mb-8">Shopping Bag</h1>

      <div className="grid lg:grid-cols-3 gap-8">
        <div className="lg:col-span-2">
          {items.length === 0 ? (
            <div className="text-center py-12">
              <p className="text-gray-600 mb-4">Your cart is empty</p>
              <Link href="/products" className="text-teal-500 hover:text-teal-600 font-medium">
                Continue Shopping
              </Link>
            </div>
          ) : (
            <div className="space-y-4">
              {items.map(item => (
                <div key={item.id} className="flex gap-4 border rounded-lg p-4">
                  <div className="relative w-24 h-24">
                    <Image
                      src={item.image || "/placeholder.svg"}
                      alt={item.name}
                      fill
                      className="object-cover rounded-md"
                    />
                  <div>
                    <div className="flex-1">
                      <div className="flex justify-between">
```

3. Test Case ID: TC003

Test Case Description: **Check Cart Functionality**

Test Steps: Add To Cart > **Navigate To Cart**

Expected Result: **Displaying Products On Cart**

Actual Result: **Displaying Products On Cart**

Severity Level: **Medium**

Assigned To: -

Remarks: **Successfully**

EStore

Library Stool Chair added to cart

Library Stool Chair added to cart

Library Stool Chair added to cart

Library Stool Chair added to cart

Library Stool Chair added to cart

Library Stool Chair added to cart

Library Stool Chair added to cart

Home

Products

About

Contact

FAQ

3

Library Stool Chair

Library Stool Chair

Size: L

1

Library Stool Chair

Size: L

\$160

Featured Products

EStore

Home

Products

About

Contact

FAQ

3

Shopping Bag

Library Stool Chair

Size: L

1

Library Stool Chair

Size: L

\$160

Summary

Subtotal

\$160

Estimated Delivery & Handling

Free

Total


\$160

Member Checkout

Enter coupon code

Apply Coupon

Shopping Bag





Library Stool Chair

Size: L

\$160

1



1

2

3

4

5

Summary

Subtotal

\$160

Estimated Delivery & Handling

Free

Total

\$160

Member Checkout

Enter coupon code

Apply Coupon

Shopping Bag

Your cart is empty

[Continue Shopping](#)

Summary

Subtotal

\$0

Estimated Delivery & Handling

Free

Total

\$0

Member Checkout

Enter coupon code

Apply Coupon

4. Test Case ID: TC004

Test Case Description: Ensure Responsiveness On Mobile Test Steps: Inspect > Device Toolbar > Select Mobile Device

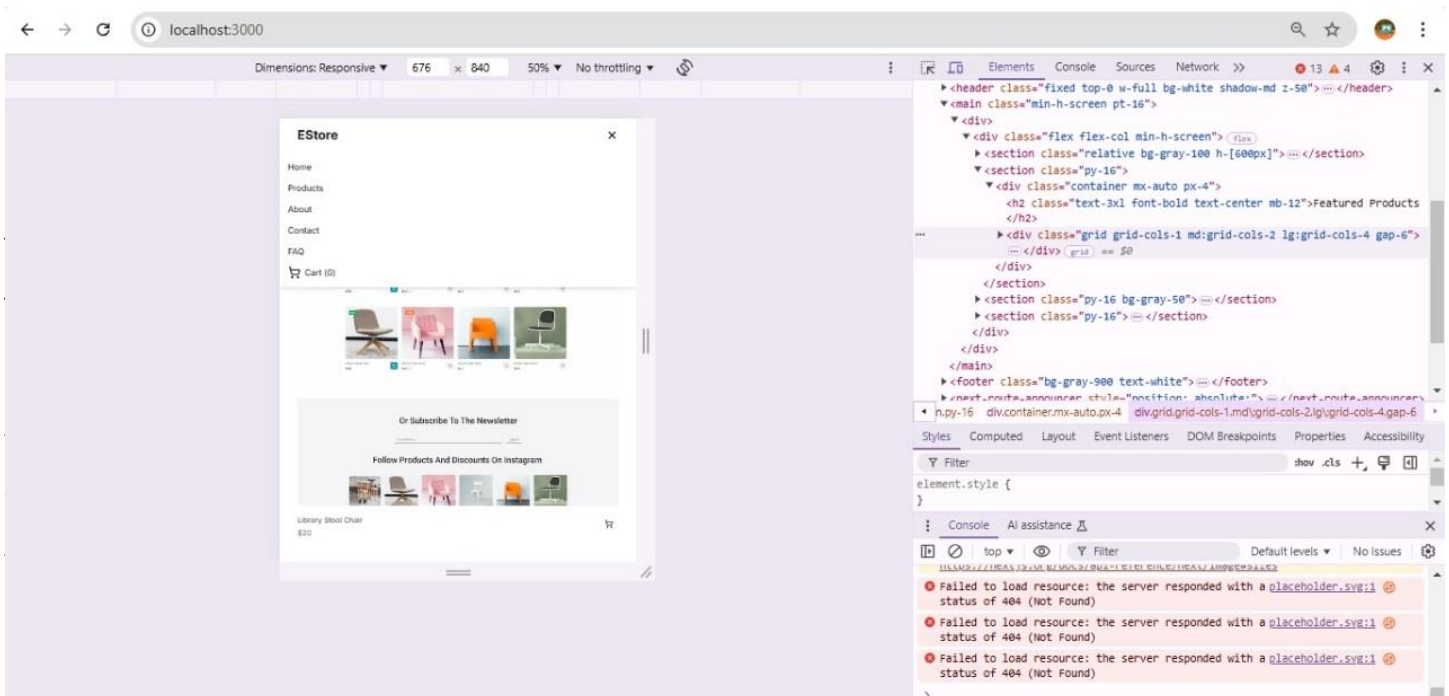
Expected Result: **Showing Content according to the device**

Actual Result: **Showing Content according to the device**

Severity Level: **Medium**

Assigned To: -

Remarks: **Responsive**



5. Test Case ID: TC005

Test Case Description: **Validate Search Bar**

Test Steps: **Search Those Items which are available in list**

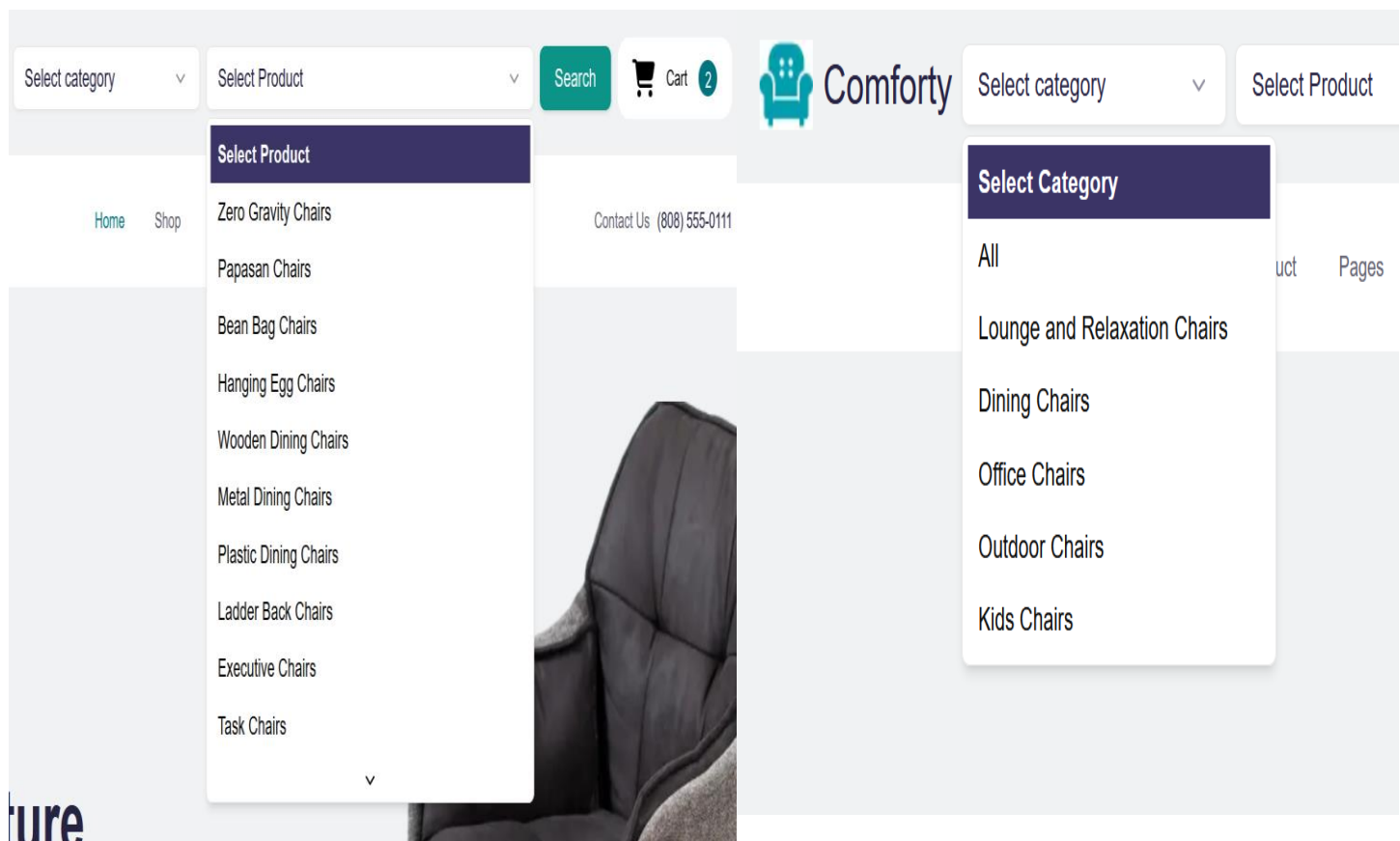
Expected Result: **Showing Dropdown > Showing all the products**

Actual Result: **Dropdown showing only available items**

Severity Level: **High**

Assigned To: -

Remarks: **Don't show error**



6. Test Case ID: TC006

Test Case Description: **Validate Dynamic Product Detail Pages**

Test Steps: Open Product Page > **Click to any product card**

Expected Result: **Open Dynamic Product Detail Pages**

Actual Result: **Open Dynamic Product Detail Pages**

Severity Level: **Low**

Assigned To: -

Remarks: **Successfully**

Bag



Library Stool Chair

Ashen Slate/Cobalt Bliss

Size: L Quantity: 1



MRP: \$99



Library Stool Chair

Ashen Slate/Cobalt Bliss

Size: L Quantity: 1



MRP: \$99

7. Test Case ID: TC007

Test Case Description: **Cross Browsing**

Test Steps: **Open our website on different Browsers such as Yahoo**

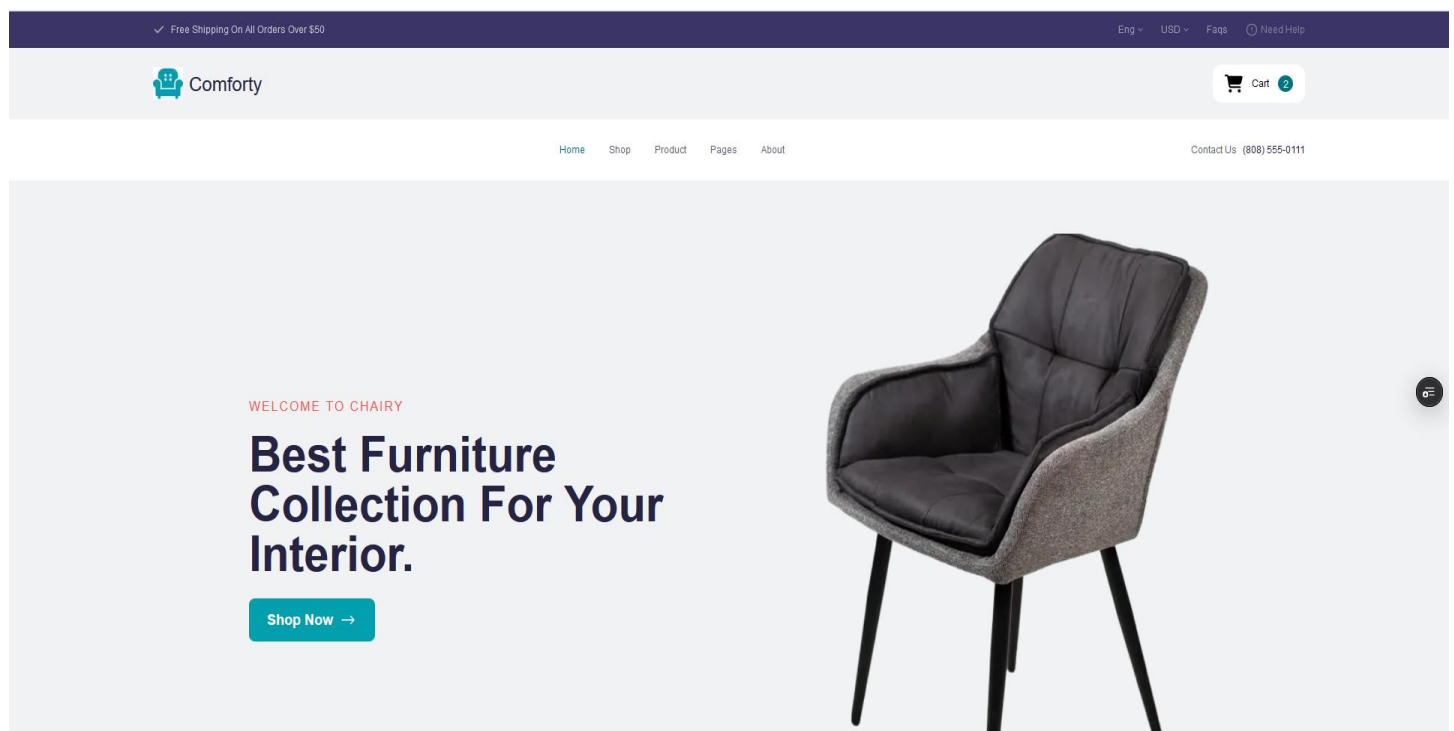
Expected Result: **Working Correctly on every browser**

Actual Result: **Working Correctly on every browser**

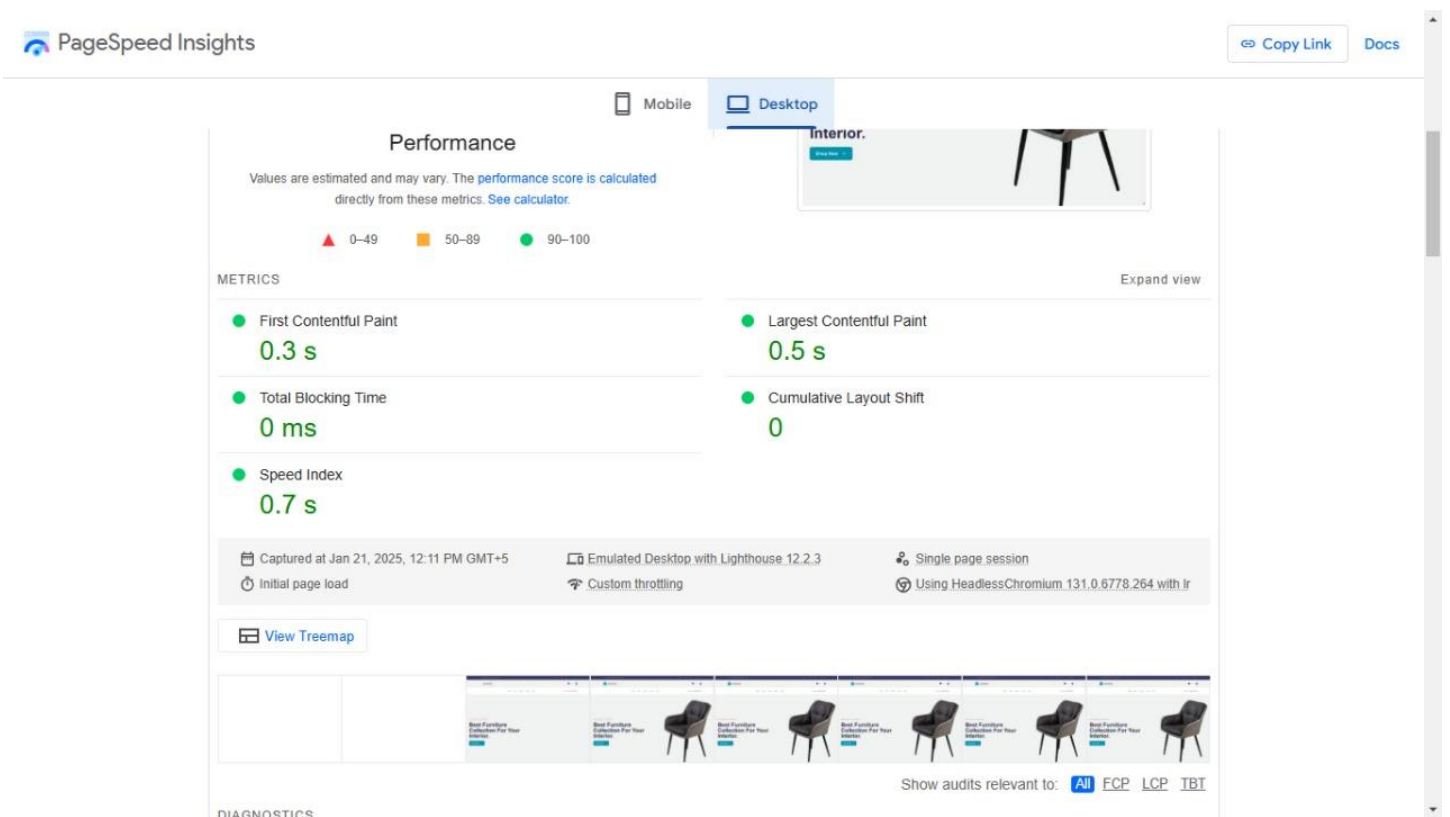
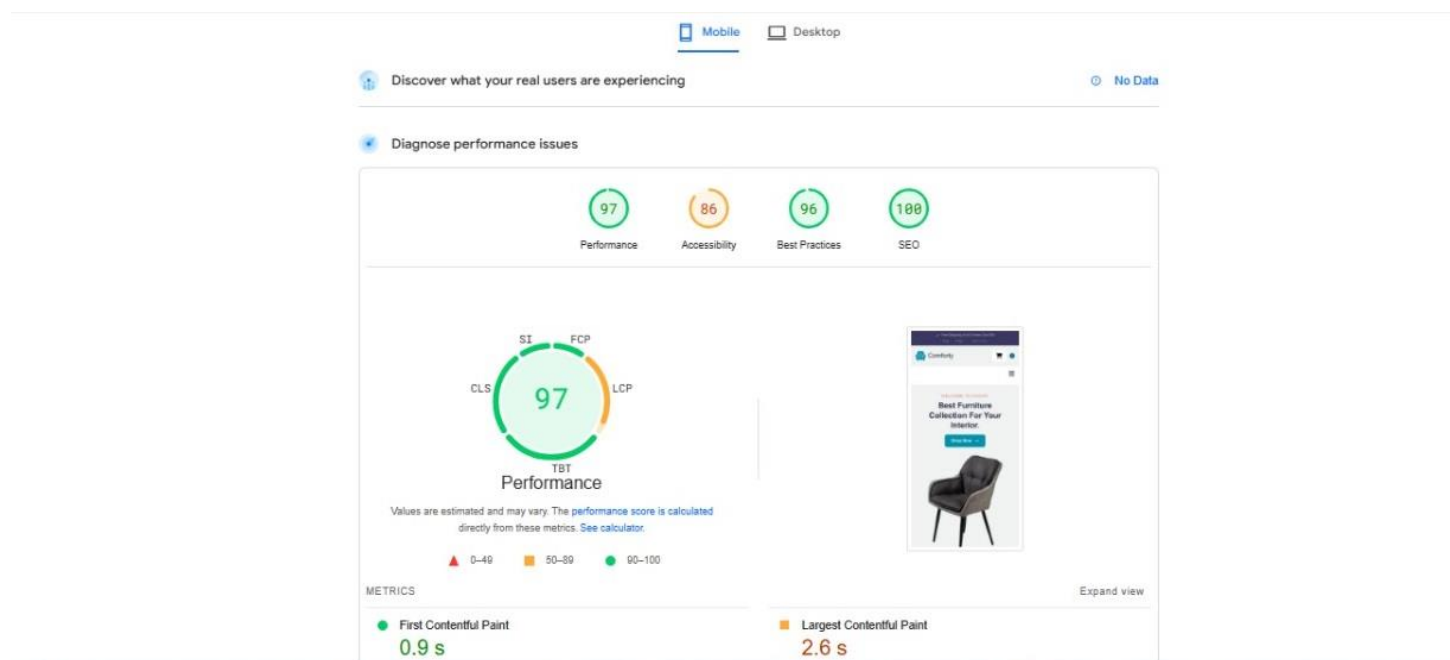
Severity Level: **Low**

Assigned To: -

Remarks: **Successfully**

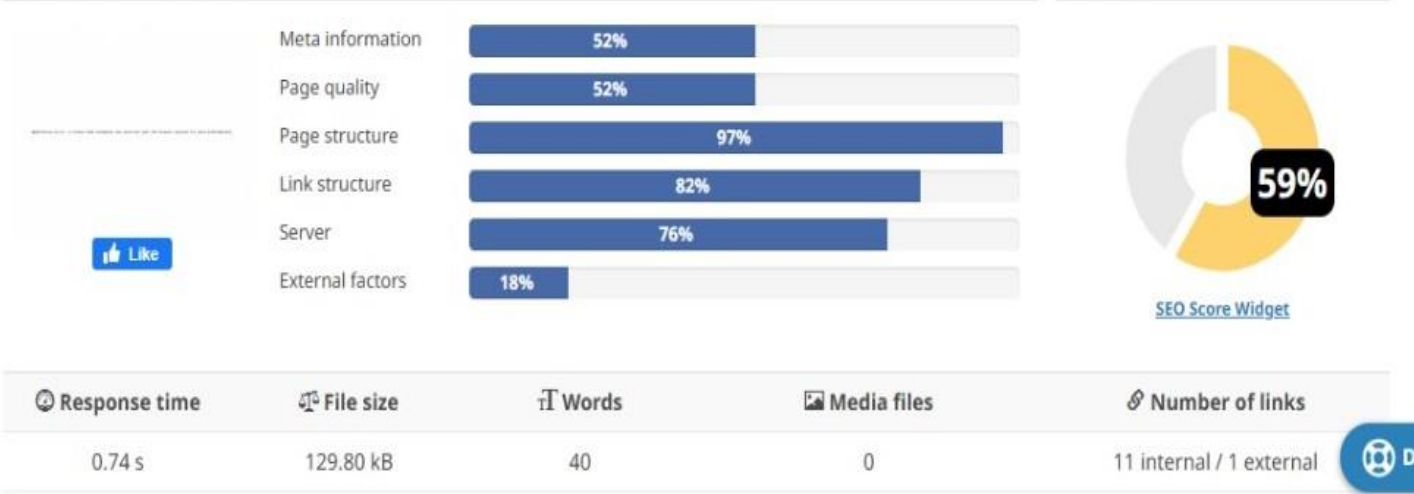


Performance optimization steps Taken



Overview of the SEO Check

SEO Score



Checklist

Functional	Error Handling	Performance Optimization	Cross-Browser	Security Testing	Documentation	Final Review
✓	✓	✓	✓	✓	✓	✓