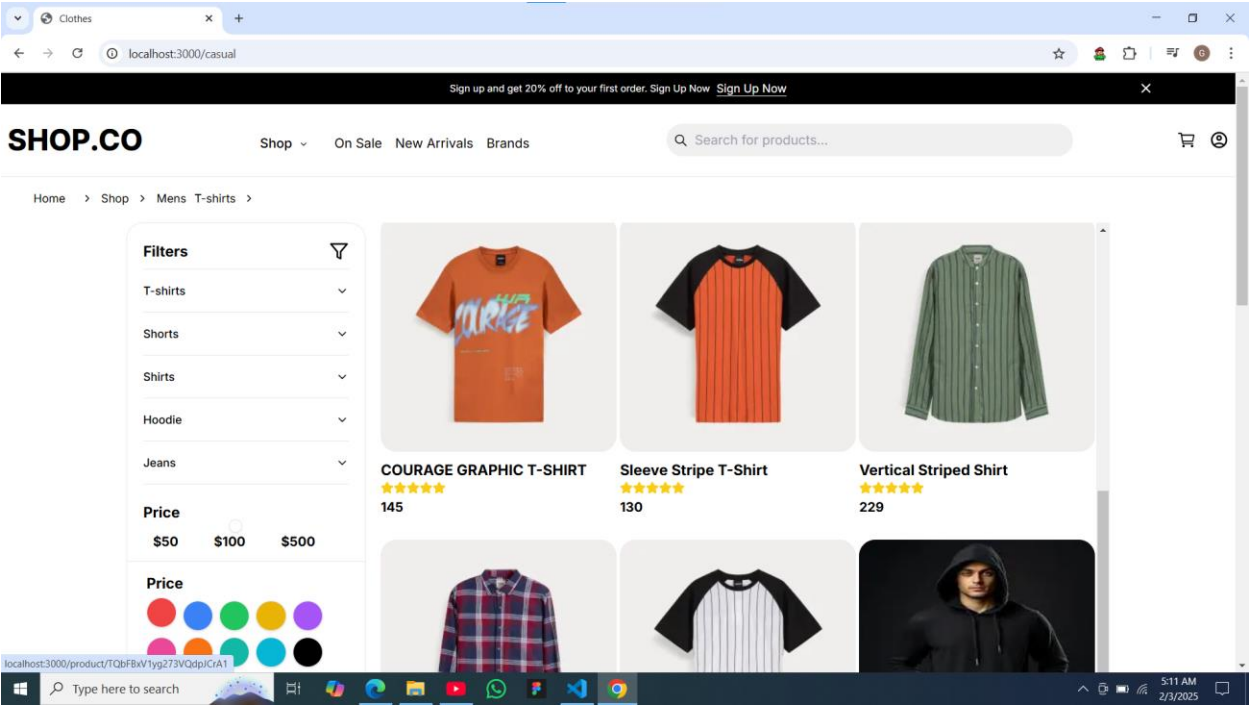# Day 5 - Testing and Backend Refinement

E-commerce

Product Listing page

Product Detail page

Sleeve Stripe T-Shirt

★★★★★

130

This product is a vibrant orange and black striped t-shirt with a sporty design. The shirt features vertical pinstripes in black on an orange base, complemented by contrasting black raglan sleeves for a casual, athletic-inspired look. Ideal for adding a bold touch to your casual wardrobe, this tee combines comfort and style, perfect for daily wear or sporting events. The soft fabric ensures a comfortable fit, while the unique design makes it a standout piece for any outfit.

Select Colors

Choose Size

| Small | Medium | Large | X-Large |

— 1 +   Add to Cart

Cart page

Sign up and get 20% off to your first order. Sign Up Now Sign Up Now   ✕

SHOP.CO   Shop ⌄ On Sale New Arrivals Brands   🔍 Search for products...   🛒 ⊕

Your cart

Black Striped T-Shirt
$120
— 3 +

Sleeve Stripe T-Shirt
$130
— 10 +

Order Summary

Subtotal	$1660
Discount (-20%)	-$332.00
Delivery Fee	$15
Total	**$1343.00**

Add promo code   Apply

Go to Checkout

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Subscribe to Newslett

Microsoft 365 and Office are installing in the background (14%)   ✕

CheckOut page

Responsivenes

Sleeve Stripe T-Shirt

★★★★★

130

This product is a vibrant orange and black striped t-shirt with a sporty design. The shirt features vertical pinstripes in black on an orange base, complemented by contrasting black raglan sleeves for a casual, athletic-inspired look. Ideal for adding a bold touch to your casual wardrobe, this tee combines comfort and style, perfect for daily wear or sporting events. The soft fabric ensures a comfortable fit, while the unique design makes it a standout piece for any outfit.

Select Colors

Choose Size

| Small | Medium | Large | X-Large |

| − | 1 | + | | **Add to Cart** |

Product Details   Rating & Reviews   FAQs

All Reviews   Write a Review

Sign up and get 20% off to your first order. Sign Up Now   Sign Up Now

☰ SHOP.CO   🔍 🛒 👤

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Browse through our diverse range of meticulously crafted garments, designed to bring out your individuality and cater to your sense of style.

Shop Now

700+
International Brands

2,000+
High-Quality Products

30,000+
Happy Customers
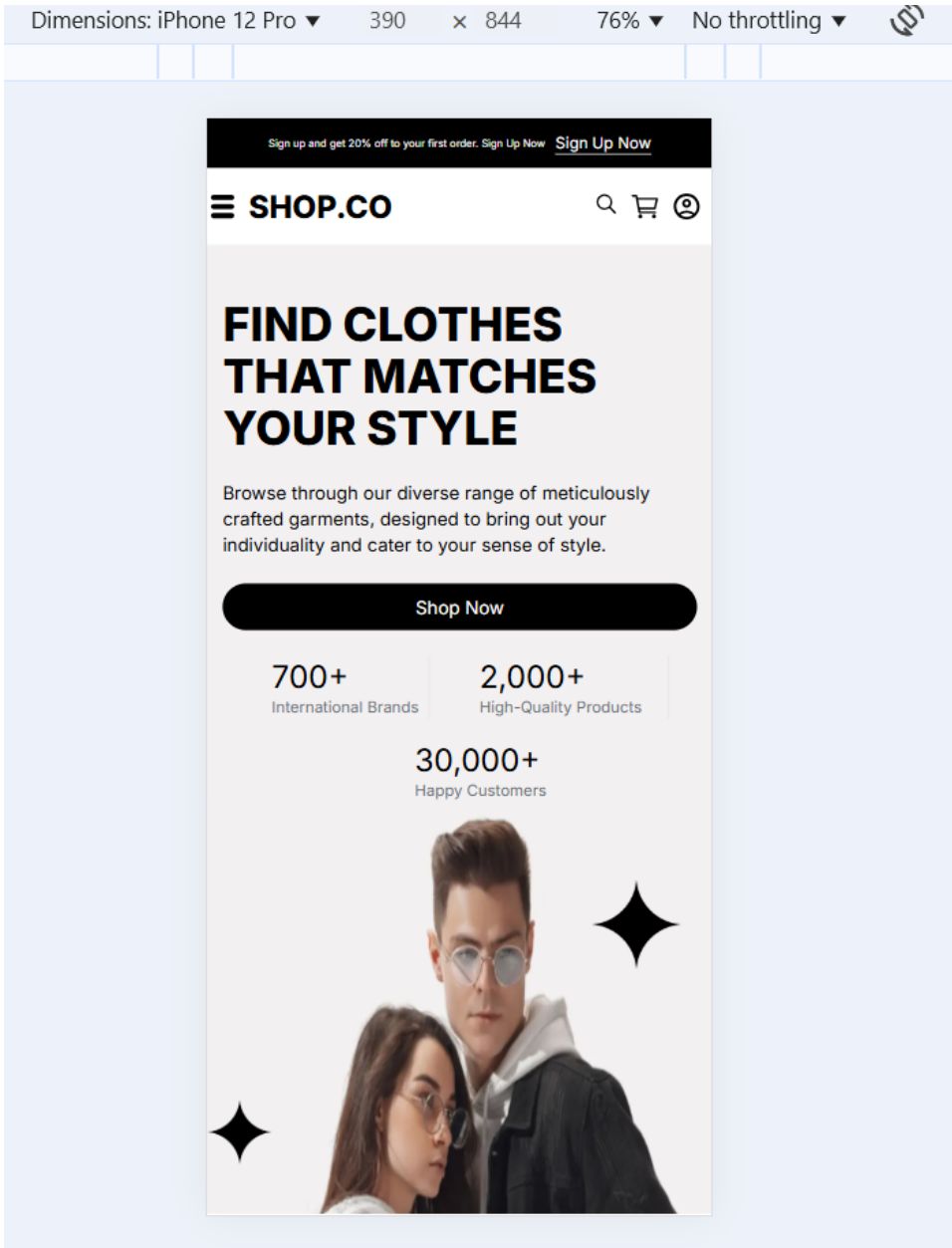
All future are working in my website

No errors totaly api is working
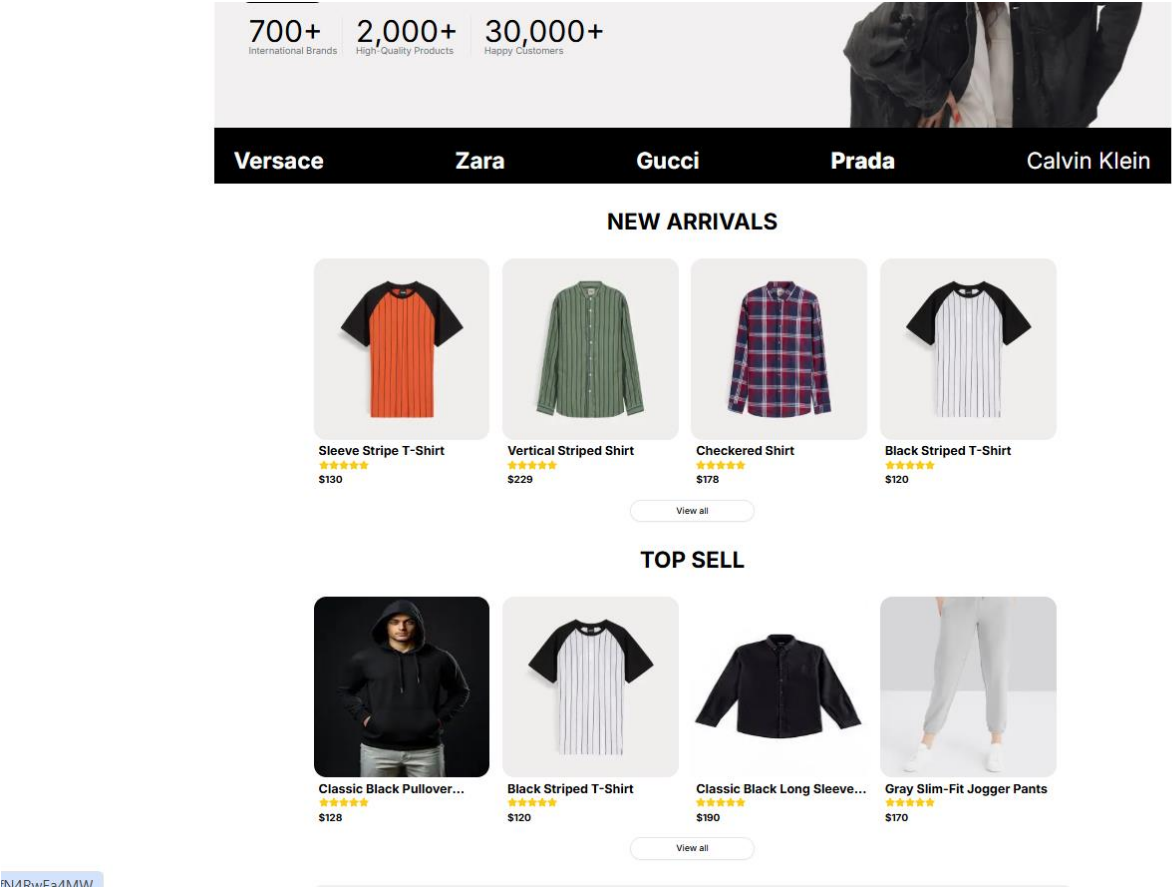
Here is api status
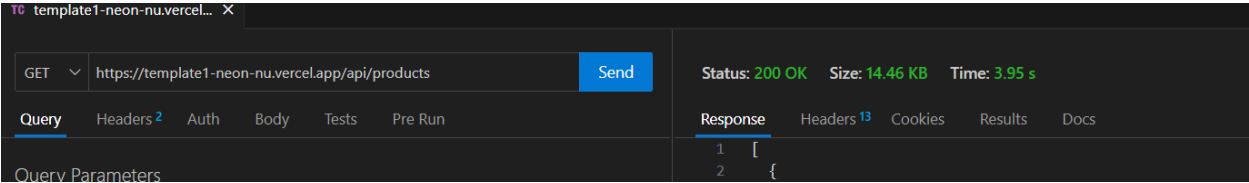
2	TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	High	-	No issues found

3	TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	High	-	Test successful
4	TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	-	Works as expected
5	TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	-	Test successful

70
Performance

83
Accessibility

93
Best Practices

92
SEO

70

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
1.3 s

● Largest Contentful Paint
1.7 s

▲ Total Blocking Time
12,660 ms

● Cumulative Layout Shift
0

● Speed Index

70 83 93 92

92

SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more about Google Search Essentials.

CRAWLING AND INDEXING

⚠ robots.txt is not valid Lighthouse was unable to download a robots.txt file

To appear in search results, crawlers need access to your app.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)   Show

Run these additional validators on your site to check additional SEO best practices.

File   D:/Q2-ASSIGNMENTS/day-4/localhost_2025-01-31_19-44-30.report.html

http://localhost:3000/

70   83   93   92

◯   Largest Contentful Paint element   —   1,670 ms   ⌄

More information about the performance of your application. These numbers don't directly affect the Performance score.

PASSED AUDITS (22)   Show

83

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.

ARIA

⚠   [aria-*] attributes do not match their roles   ⌄

Type here to search

23°C Haze

6:39 AM
2/3/2025

http://localhost:3000/

70   83   93   92

93

Best Practices

USER EXPERIENCE

⚠ Displays images with incorrect aspect ratio   ⌄

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   ⌄

Clothes   Lighthouse Report   +

localhost:3000

Dimensions: iPhone SE   375 × 667   96%

Elements   Console   Sources   Network   Performance   Memory   Application   Security   »   2   32   5

Security
ⓘ Overview
▼ Main origin
   Reload to view details

Security overview

🔒   ⓘ   ⚠

This page has a non-HTTPS secure origin.

Console   What's new   AI assistance 🧪   Developer resources   Performance monitor ✕

☑ CPU usage   0.2%
☑ JS heap size   36.9 MB
☑ DOM Nodes   1,656
☐ JS event listeners
☐ Documents
☐ Document Frames
☐ Layouts / sec
☐ Style recalcs / sec

7:56:30 PM   7:56:40 PM   7:56:50 PM   7:57:00 PM   7:57:10 PM   7:57:20 PM   7:57:30 PM
CPU usage
100%

50%

JS heap size
40.0 MB

20.0 MB

DOM Nodes
2,000

1,000

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☰ SHOP.CO   🔍 🛒 👤

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700+   2,000+
International Brands   High-Quality Products

30,000+
Happy Customers

Type here to search

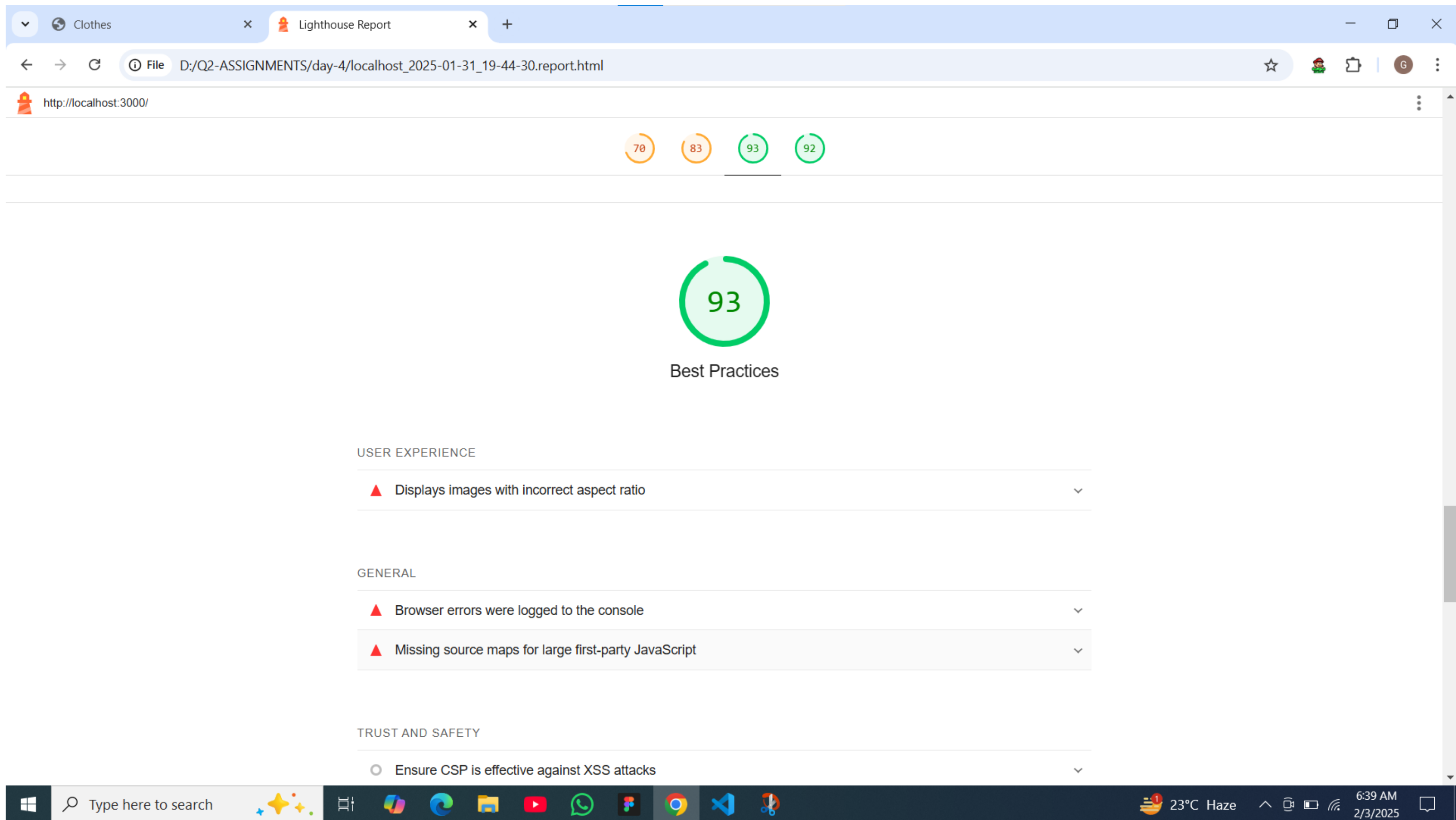12°C Haze   7:57 PM 1/31/2025

Clothes · Lighthouse Report

localhost:3000

Dimensions: iPhone SE ▾   375   ×   667   96% ▾

Elements   Console   Sources   Network   Performance   Memory   Application   Security   »   ⊗2 ⚠32 🟥5

```
▶ <header class="w-full border-b bg-white h-[60px] md:h-[90px] flex justify-between pr-2 it
    ems-center max-w-screen-2xl mx-auto">…</header> flex
  ▾ <div>
    ▶ <main class="bg-[#F2F0F1] md:h-[600px] md:px-10 sm:pt-4 md:pt-0 flex flex-col md:flex-r
```

◀ main.bg-\[\#F2F0F1\].md\:h-\[600px\].md\:px-10.sm\:pt-4.md\:pt-0.flex.flex-col.md\:flex-row.justify-between.ite ▶

Styles   Computed   Layout   »

▼ Filter   :hov .cls + ▢ ⊟

element.style {
}

Console   What's new   AI assistance ⚗   Developer resources ✕

▼ Filter by URL and error   ☑ Load through website

SHOP.CO

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YOUR STYLE

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2,000+
High-Quality Products

30,000+
Happy Customers

Sign up and get 20% off to your first order. Sign Up Now   Sign Up Now

Status	URL	Initiator	Total Bytes	Error
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJmaWxlIjoiKGFwcC1w		4 896	
success	/MDgyYiJdLCJzb3VyY2VzQ29udGVudCI6WyJpbXBvcnQgeyBjcmVhdGG		766	
success	/Mjl1MyJdLCJzb3VyY2VzQ29udGVudCI6WyJleHBvcnQgY29uc3QgYXXE		1 364	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJmaWxlIjoiKGFwcC1w		3 008	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJmaWxlIjoiKGFwcC1w		479	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJmaWxlIjoiKGFwcC1w		4 905	
success	/IFwiLW1sLTRcliA6IFwiLW10LTQgZmxleC1jb2xcixcbiAgICAgICAgICBjt		10 790	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJmaWxlIjoiKGFwcC1w		6 263	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJmaWxlIjoiKGFwcC1w		2 441	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJmaWxlIjoiKGFwcC1w		6 726	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJmaWxlIjoiKGFwcC1w		4 329	
success	/MDcxOSJdLCJzb3VyY2VzQ29udGVudCI6WyJpbXBvcnQgKiBhcyBSZW\		7 424	

12 resources

Type here to search

12°C Haze   7:53 PM   1/31/2025

Trust and Safety

Ensure CSP is effective against XSS attacks

Use a strong HSTS policy

Ensure proper origin isolation with COOP