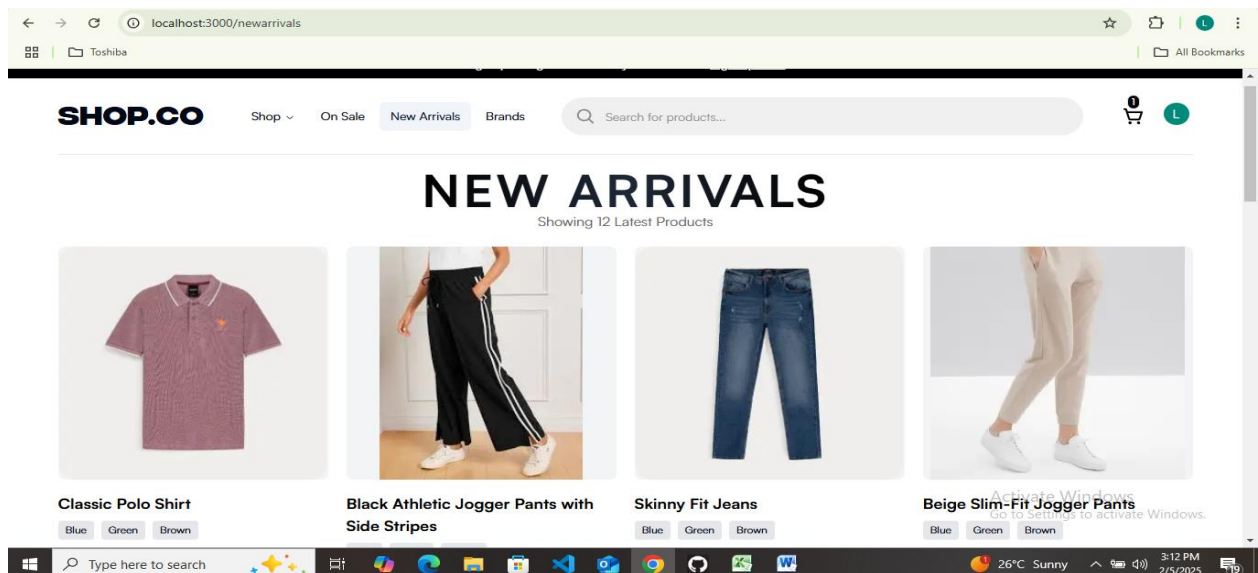
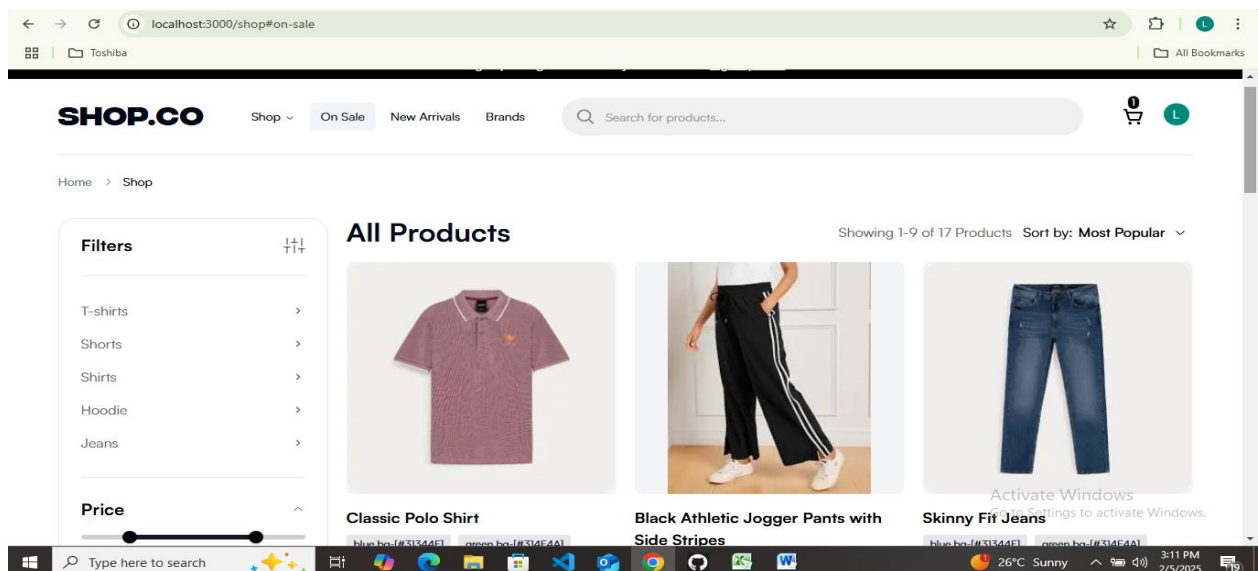


Testing, Error Handling and Backend Integration Refinement

Day 5

| TEST ID | DESCRIPTION | TEST STEPS | EXPECTED RESULT | ACTUAL RESULT | STATUS | SEVERITY LEVEL | REMARKS |
|---------|----------------------------|--|-------------------------------|-----------------------|-------------|----------------|--------------|
| 1 | Test navigation bar links | clicking each link > page loads | correct rendering | all links are working | passed | high | verified |
| 2 | Test of sanity output | GROQ Query fetching data | correct rendering of data | all data returned | passed | high | verified |
| 3 | Test of Products showing | All products showing through API | Products displaying correctly | Verified | passed | high | no errors |
| 4 | test of product detail | product description check while clicking | all product details shown | Verified | passed | high | no errors |
| 5 | test of search bar | enter a name and check | results showing | not working | failed | no | not verified |
| 6 | test of cart functionality | add or remove items | correct results | working | passed | high | verified |
| 7 | test of responsiveness | screen shown on different pixels | correct results | working | passed | high | verified |
| 8 | test of pagination | navigate through products pages | correct loading | working | passed | high | verified |
| 8 | test of checkout | checkout working | loading only | not confirm | not confirm | low | verified |
| 9 | test of valid login | login details check | correct results | working | passed | high | verified |

Test ID #01



Test ID #02

The screenshot shows a web browser window with the address bar at `localhost:3000/studio/vision`. The page features a header with the 'SHOP.CO' logo and navigation links: 'Shop', 'On Sale', 'New Arrivals', and 'Brands'. A search bar is present with the placeholder text 'Search for products...'. Below the header, a REST client interface is visible. On the left, a JSON request is shown with the following structure:

```
1 {
2   type: "product"
3 }
4
5
6
7
8
9
10
11
12
```

Below the request, there are buttons for 'Fetch' and 'Listen'. The main area displays the 'RESULT' of the API call, which is a JSON array of 17 items. The first item is expanded, showing the following properties:

```
{
  isNew: null,
  sizes: [
    { size: 'Small' },
    { size: 'Medium' },
    { size: 'Large' },
    { size: 'X-Large' }
  ],
  imageUrl: 'https://cdn.sanity.io/images/uh0279s/production/a93f8ab0d00d857ce42c057d8835e419d68a87eb-193x262.jpg',
  discountPercent: 10,
  description: 'This white pullover hoodie offers a clean, minimalist look with its soft fabric and timeless design. The hoodie features a cozy, spacious fit, complete with an adjustable drawstring for a personalized fit and a large front pocket for added convenience. The bright white color is perfect for a fresh, casual style and pairs well with various bottoms like jeans, joggers, or shorts. Whether worn for lounging or as part of an everyday outfit, this hoodie provides comfort'
}
```

At the bottom of the interface, the execution time is shown as '9ms' and the end-to-end time as '10182ms'. There are also buttons for 'Save result as' and 'JSON' and 'CSV'.

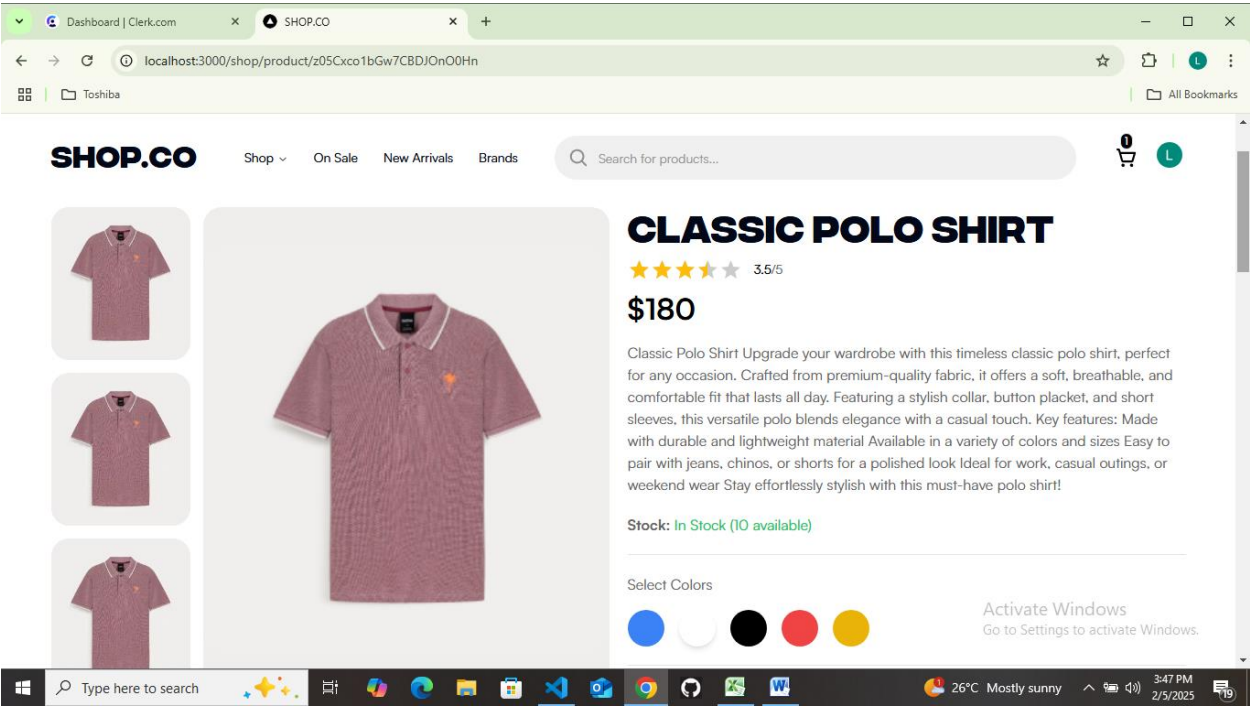
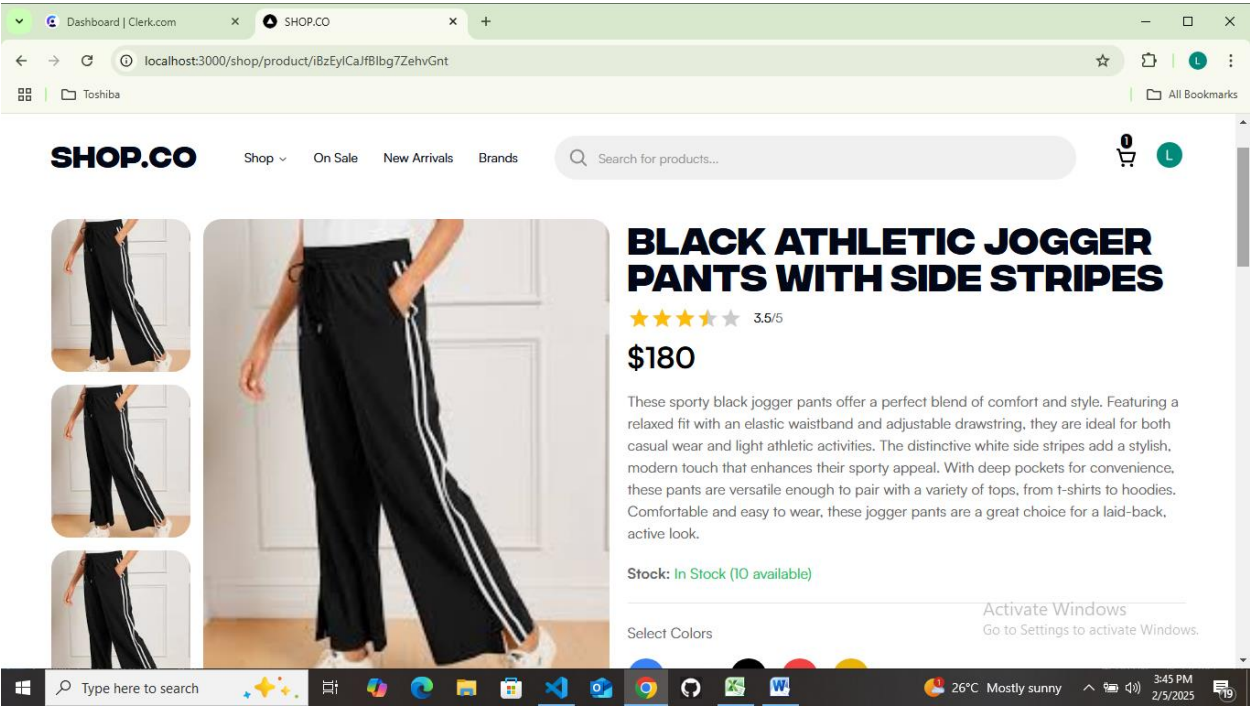
Test ID #03

The screenshot shows a web browser window with the address bar at `localhost:3000`. The page features a header with the 'SHOP.CO' logo and navigation links: 'Shop', 'On Sale', 'New Arrivals', and 'Brands'. A search bar is present with the placeholder text 'Search for products...'. Below the header, a product catalog is displayed with four items:

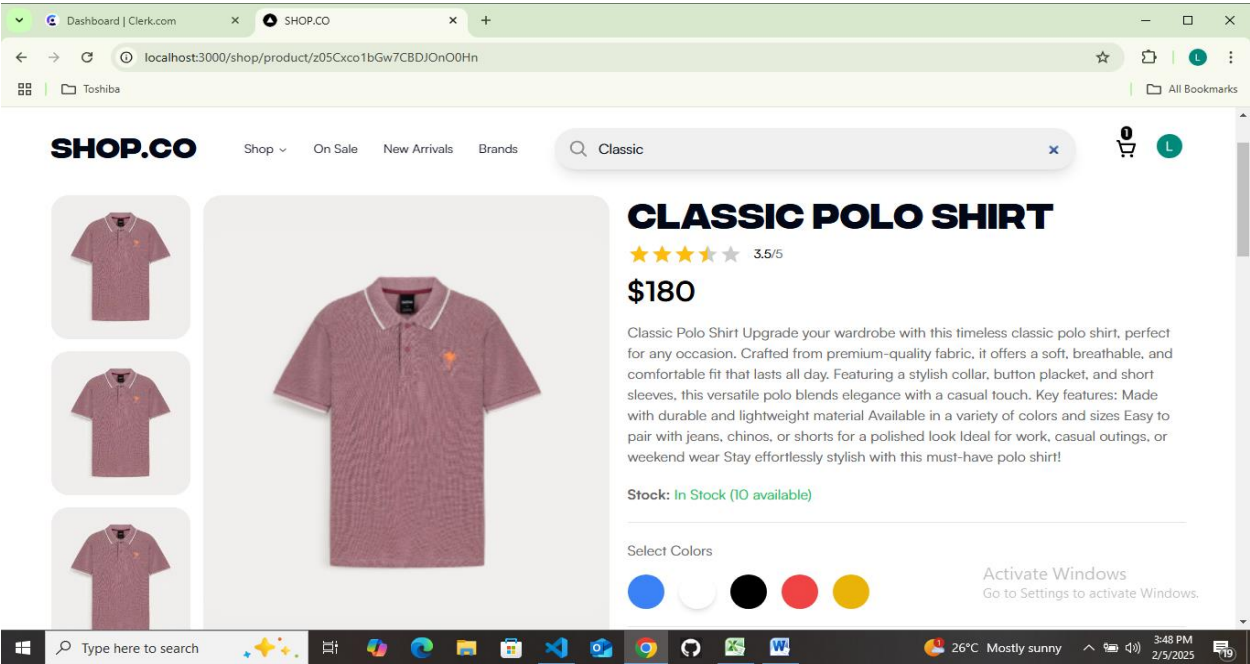
- Sleeve Stripe T-Shirt**: Price \$78.00 (original price \$130.00, -40% off). Available in blue, green, and brown backgrounds. Sizes: Small, Medium, Large, X-Large.
- Casual Green Bomber Jacket**: Price \$240.00 (original price \$300.00, -20% off). Available in blue, green, and brown backgrounds. Sizes: Small, Medium, Large, X-Large.
- Black Striped T-Shirt**: Price \$120.00. Available in blue, green, and brown backgrounds. Sizes: Small, Medium, Large, X-Large.
- Checkered Shirt**: Price \$178.00. Available in blue, green, and brown backgrounds. Sizes: Small, Medium, Large, X-Large.

Each item has a corresponding image and a button to 'Go to Settings to activate Windows.' at the bottom of the page.

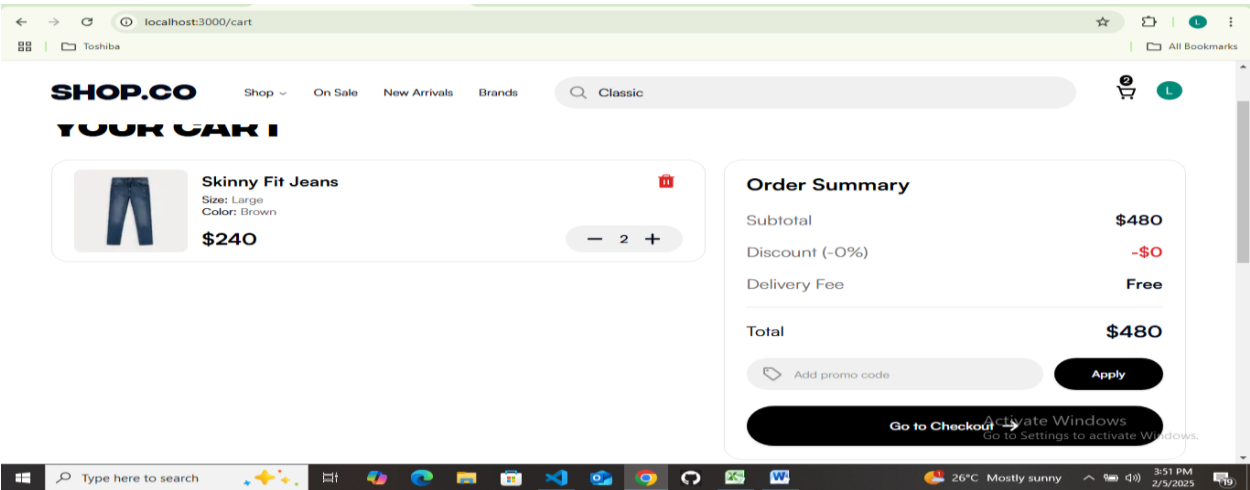
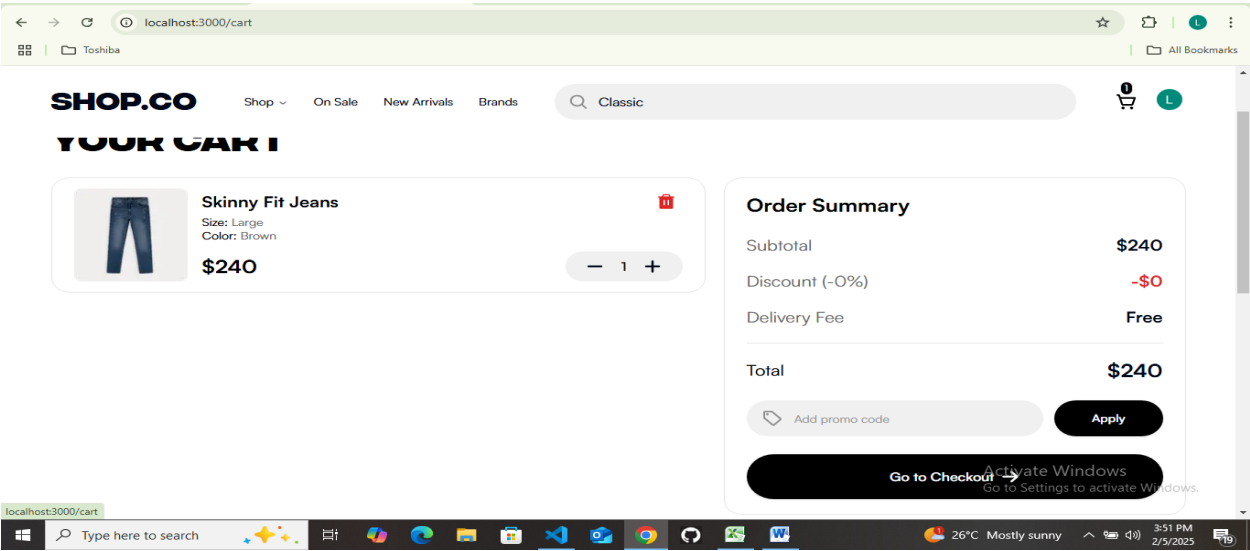
Test ID #04



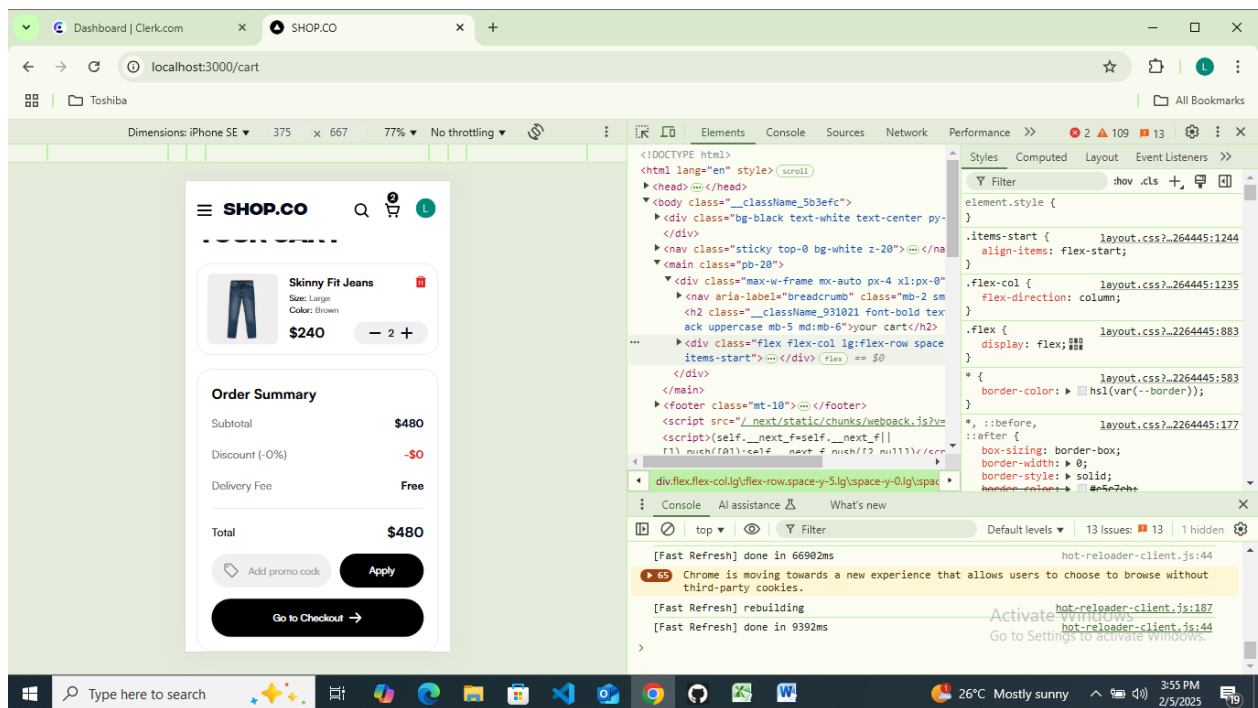
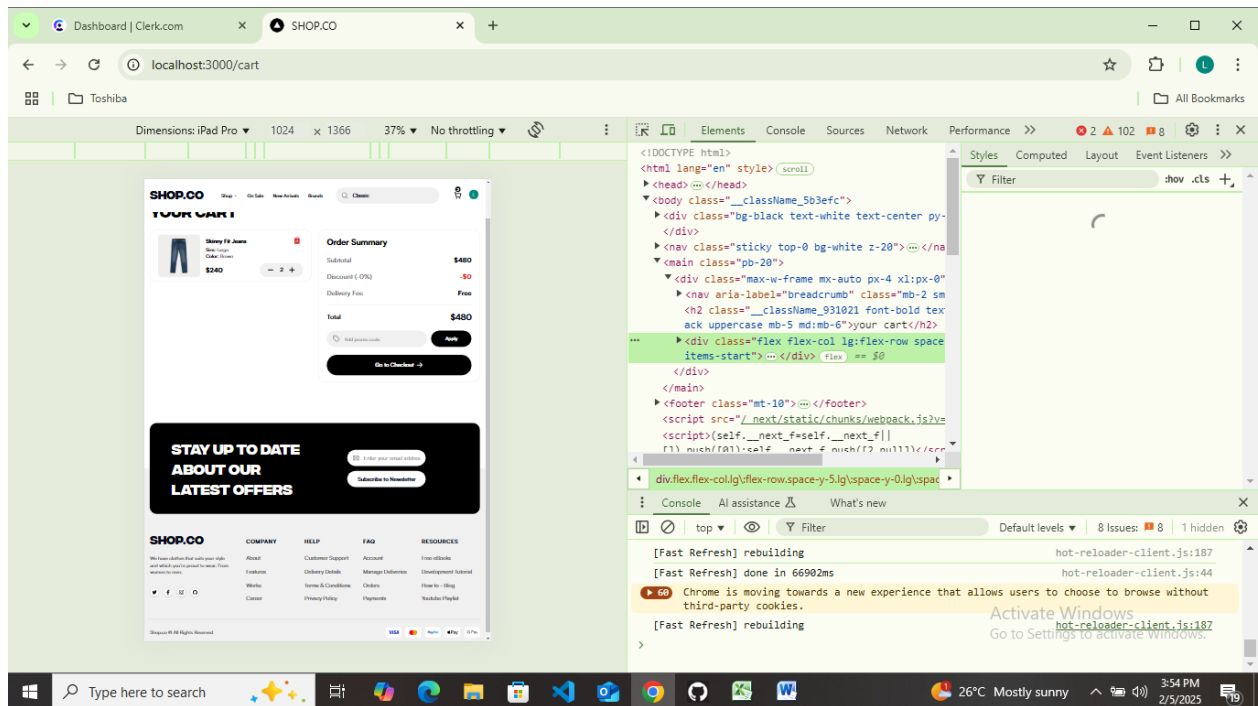
Test ID #05



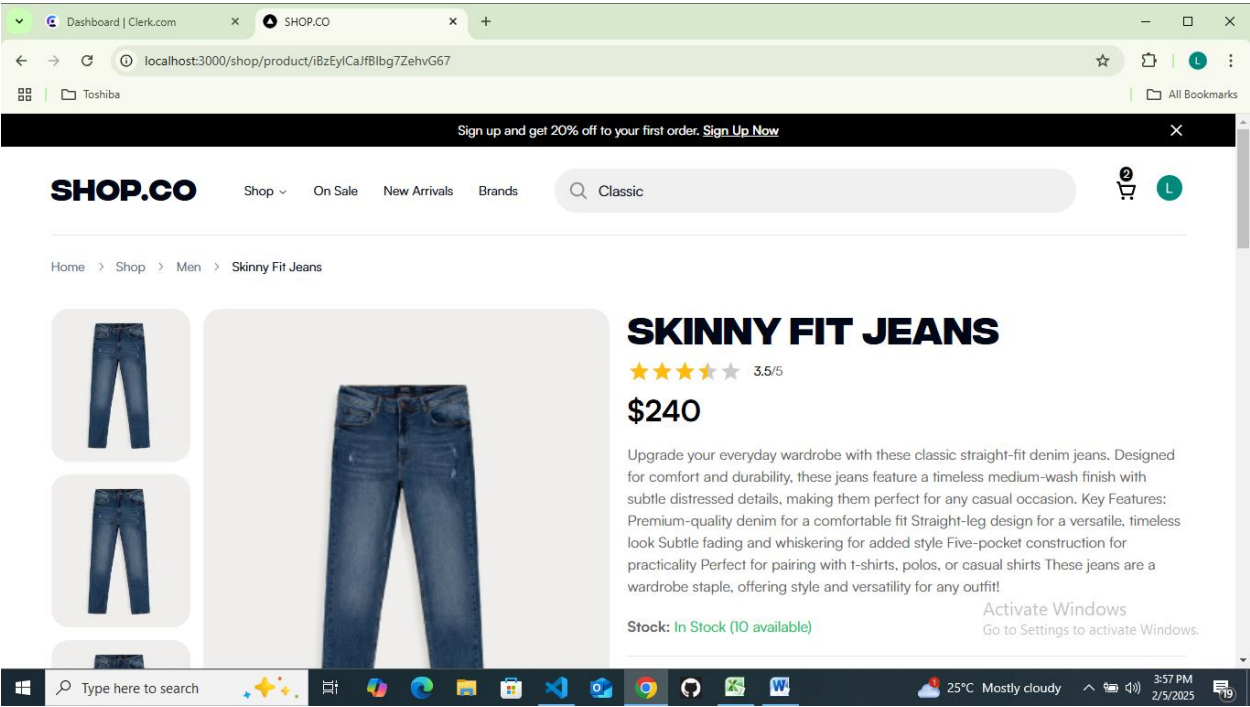
Test ID #06



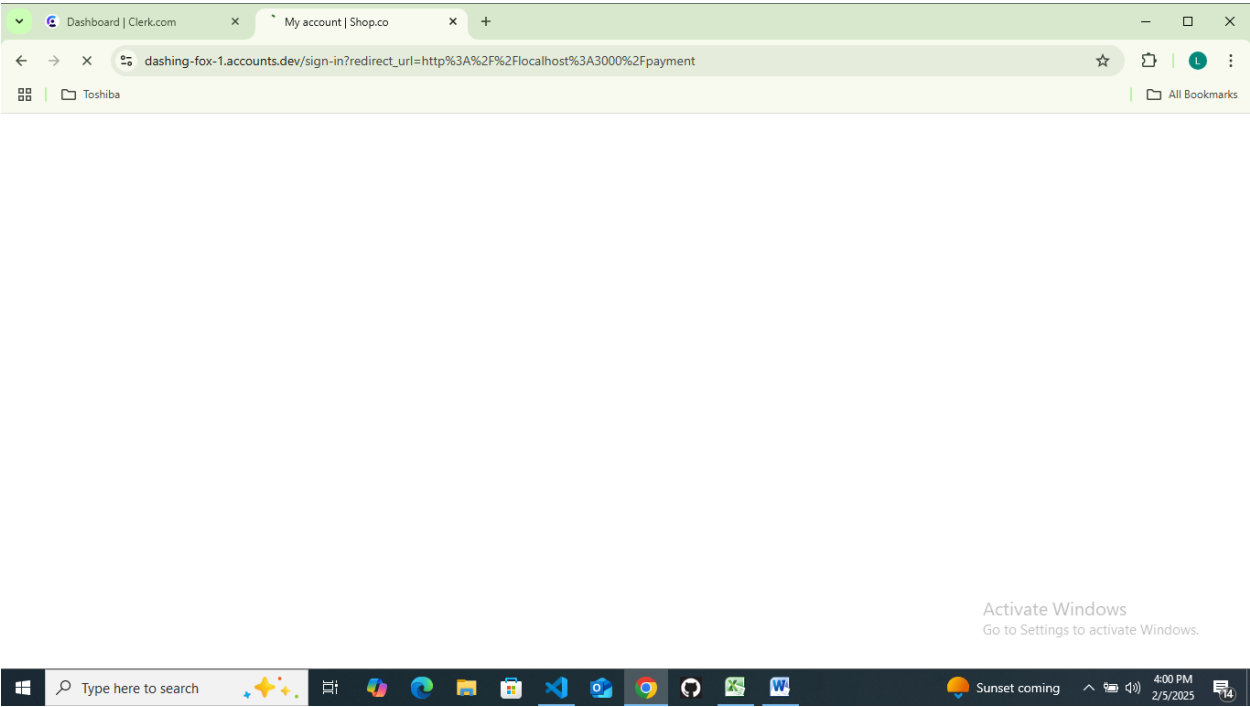
Test ID #07



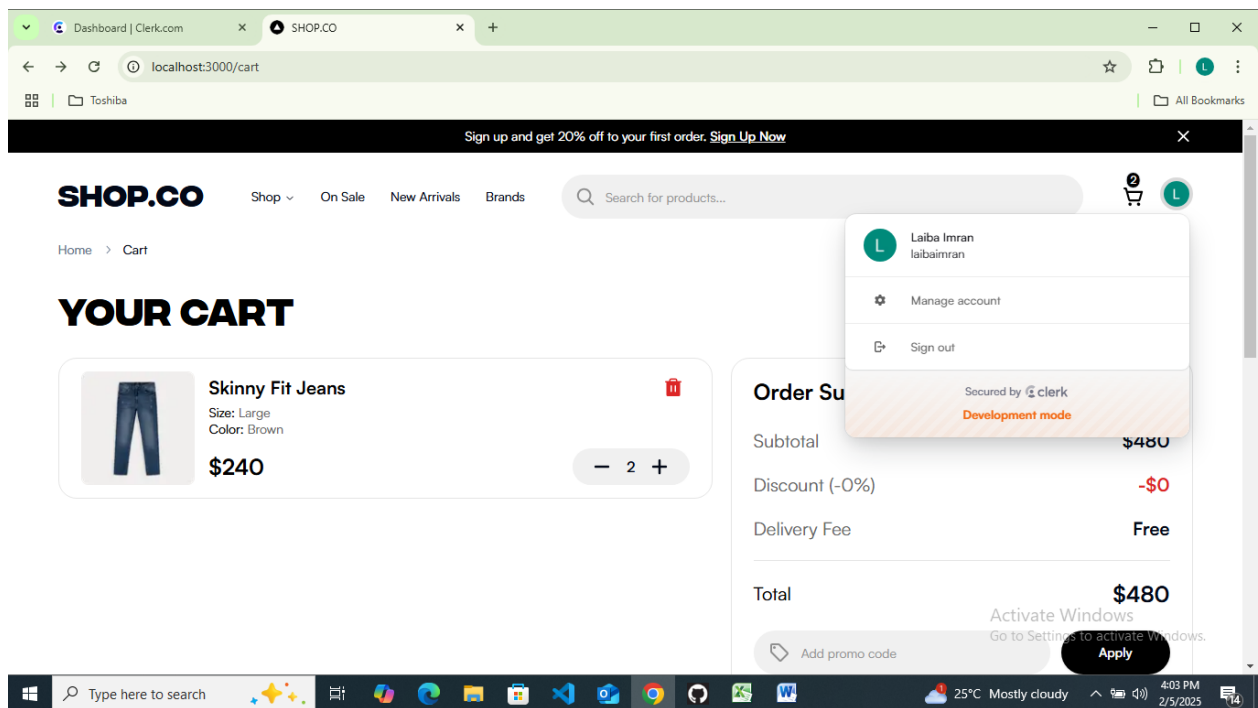
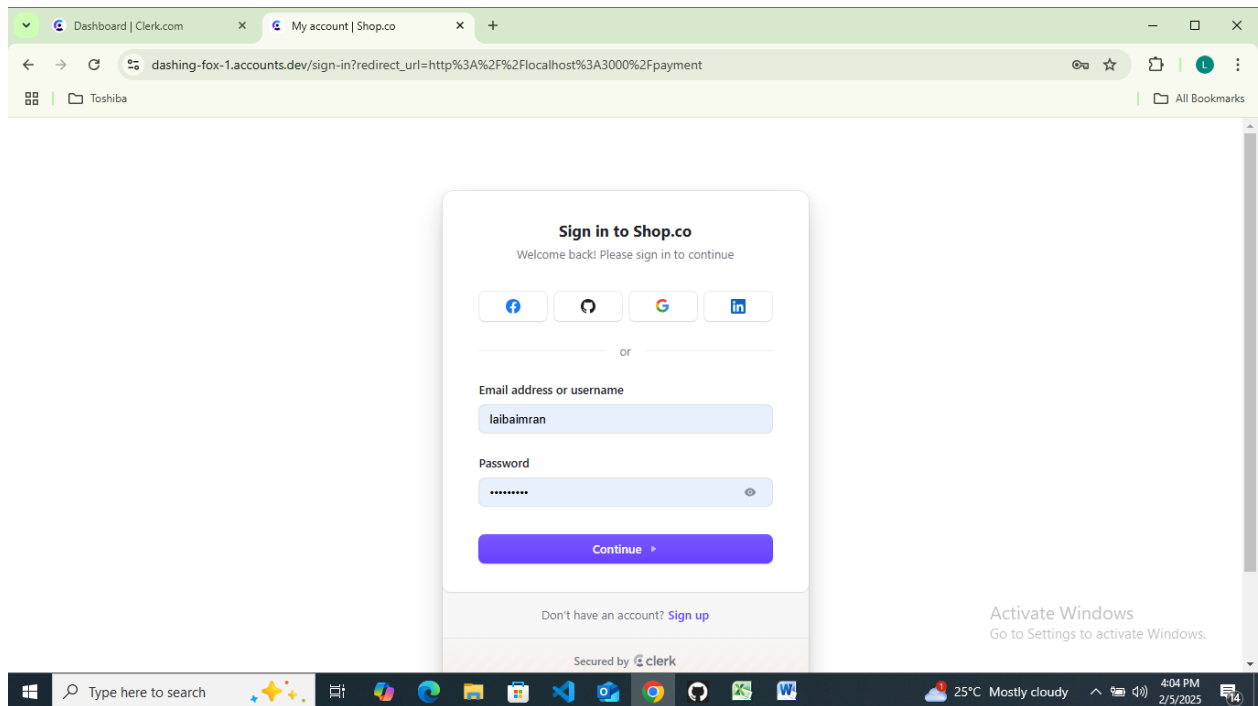
Test ID #08



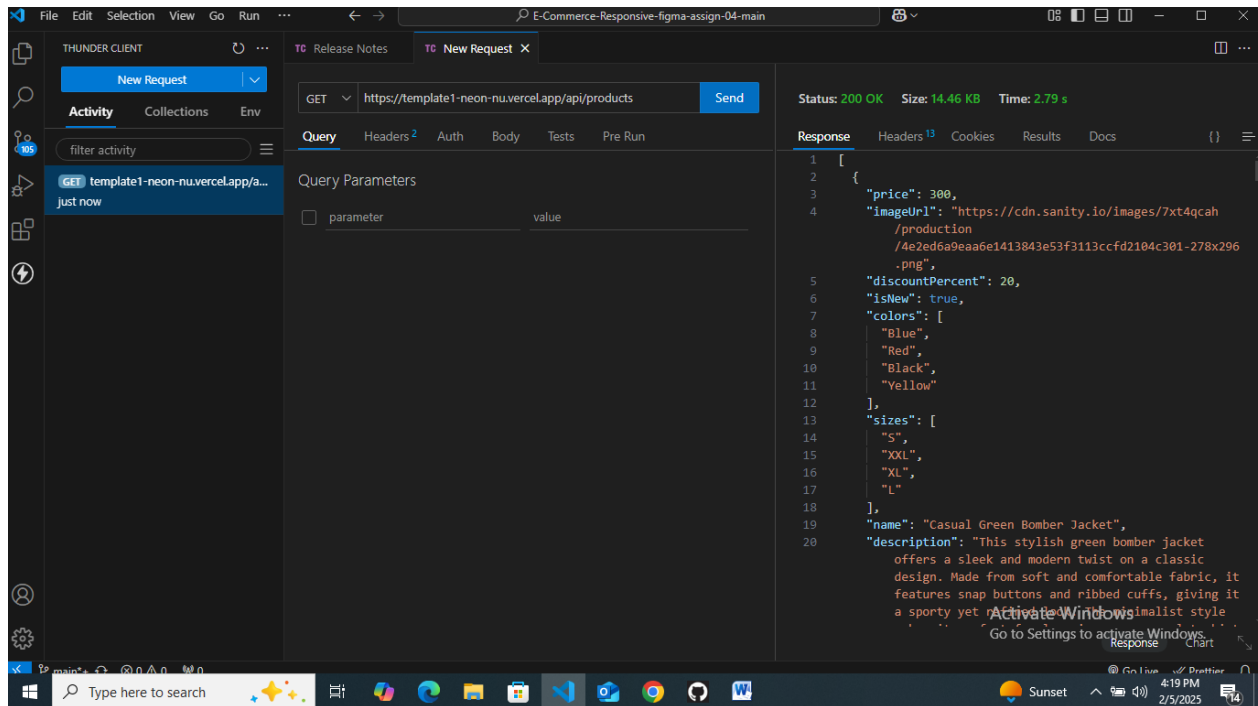
Test ID #09



Test ID #10

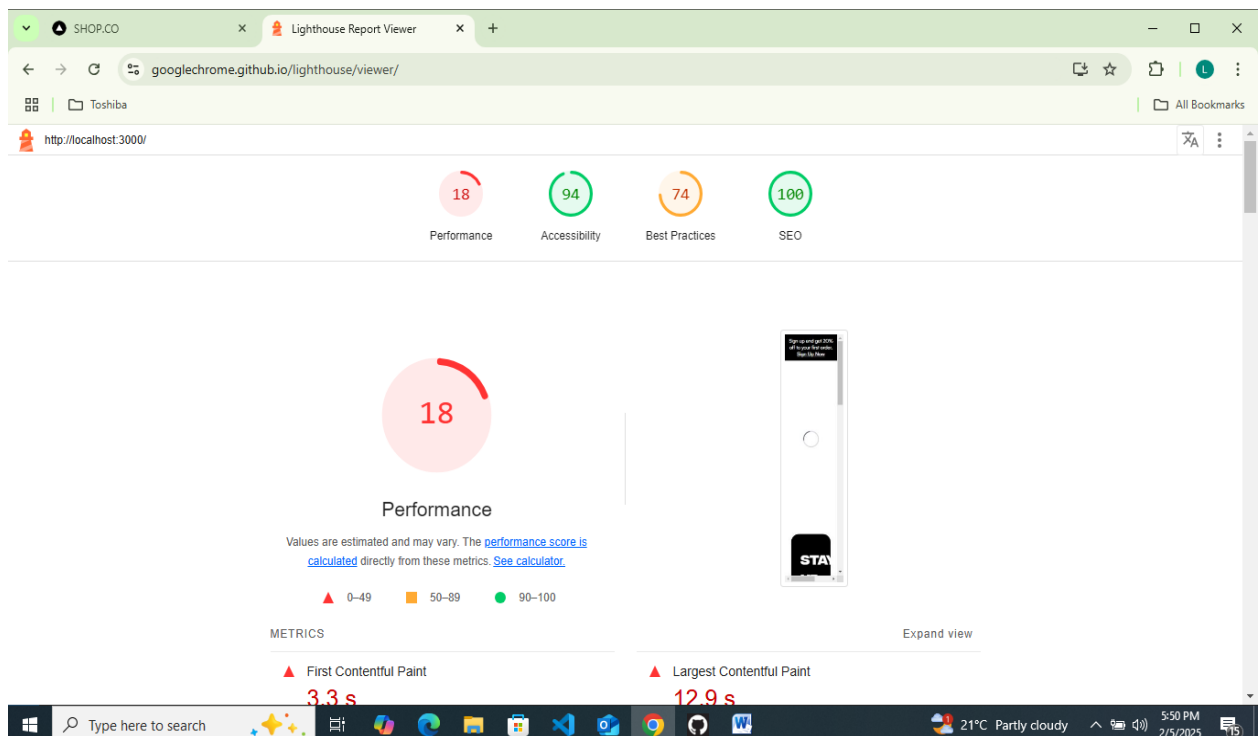


THUNDER CLIENT CHECK



Lighthouse Check

i don't know why when i click lighthouse first it showed 50 performance then after reloading several times it decreased.



SHOP.CO x Lighthouse Report Viewer x +

googlechrome.github.io/lighthouse/viewer/

Toshiba

http://localhost:3000/

18 94 74 100

show audits relevant to: [F](#) [P](#) [C](#) [E](#) [P](#) [I](#) [S](#)

DIAGNOSTICS

- ▲ Minimize main-thread work — 12.8 s
- ▲ Largest Contentful Paint element — 12,880 ms
- ▲ Avoid multiple page redirects — Potential savings of 2,910 ms
- ▲ Avoid large layout shifts — 1 layout shift found
- ▲ Reduce JavaScript execution time — 7.5 s
- ▲ Reduce initial server response time — Root document took 740 ms
- ▲ Eliminate render-blocking resources — Potential savings of 40 ms
- ▲ Reduce unused JavaScript — Potential savings of 893 KiB
- ▲ Page prevented back/forward cache restoration — 4 failure reasons
- Minify JavaScript — Potential savings of 5 KiB
- Serve images in next-gen formats — Potential savings of 643 KiB

21°C Partly cloudy 5:52 PM 2/5/2025

SHOP.CO x Lighthouse Report Viewer x +

googlechrome.github.io/lighthouse/viewer/

Toshiba

http://localhost:3000/

18 94 74 100

- ▲ Reduce unused JavaScript — Potential savings of 893 KiB
- ▲ Page prevented back/forward cache restoration — 4 failure reasons
- Minify JavaScript — Potential savings of 5 KiB
- Serve images in next-gen formats — Potential savings of 643 KiB
- Defer offscreen images — Potential savings of 558 KiB
- Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB
- Avoid enormous network payloads — Total size was 8,006 KiB
- Avoid long main-thread tasks — 19 long tasks found
- Avoids an excessive DOM size — 724 elements
- Minimize third-party usage — Third-party code blocked the main thread for 120 ms
- Avoid chaining critical requests — 3 chains found

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

21°C Partly cloudy 5:52 PM 2/5/2025

SHOP.CO x Lighthouse Report Viewer x +

googlechrome.github.io/lighthouse/viewer/

Toshiba

http://localhost:3000/

18 94 74 100

94

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.

NAMES AND LABELS

- ▲ Links do not have a discernible name

These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

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googlechrome.github.io/lighthouse/viewer/

Toshiba

http://localhost:3000/

18 94 74 100

74

Best Practices

GENERAL

- ▲ Uses third-party cookies — 2 cookies found
- ▲ Browser errors were logged to the console
- ▲ Issues were logged in the Issues panel in Chrome Devtools
- ▲ Missing source maps for large first-party JavaScript

TRUST AND SAFETY

Type here to search

21°C Partly cloudy 5:53 PM 2/5/2025

SHOP.CO x Lighthouse Report Viewer x +

googlechrome.github.io/lighthouse/viewer/

Toshiba

http://localhost:3000/

18 94 74 100

100

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](#).

ADDITIONAL ITEMS TO MANUALLY CHECK (1) Hide

- ☐ Structured data is valid

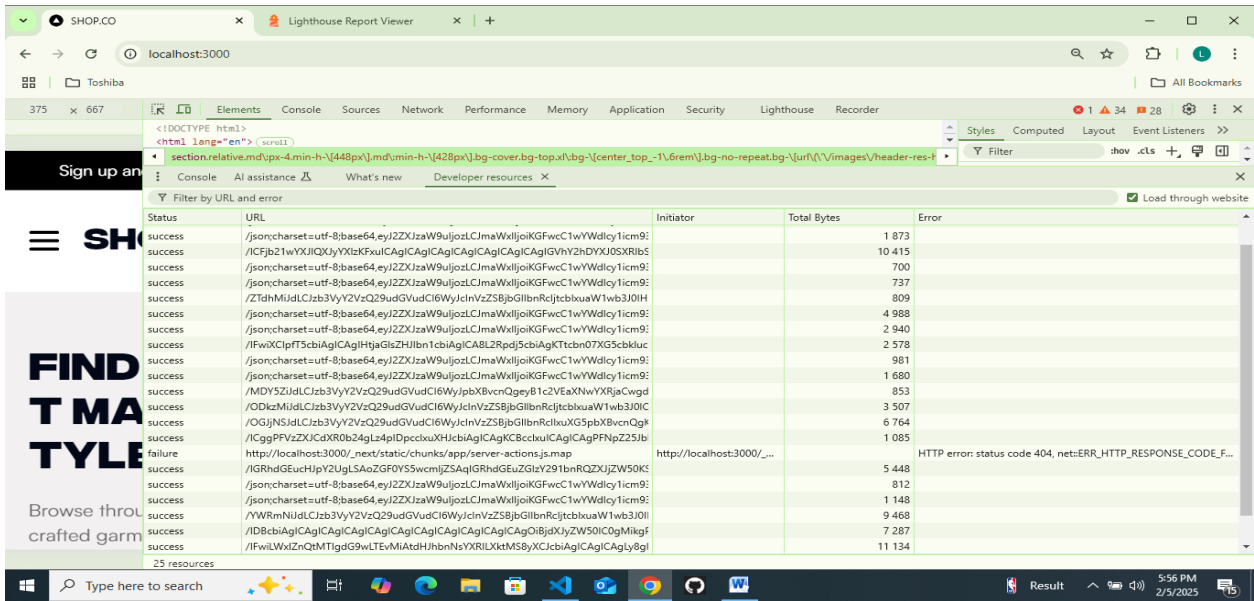
Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (8) Show

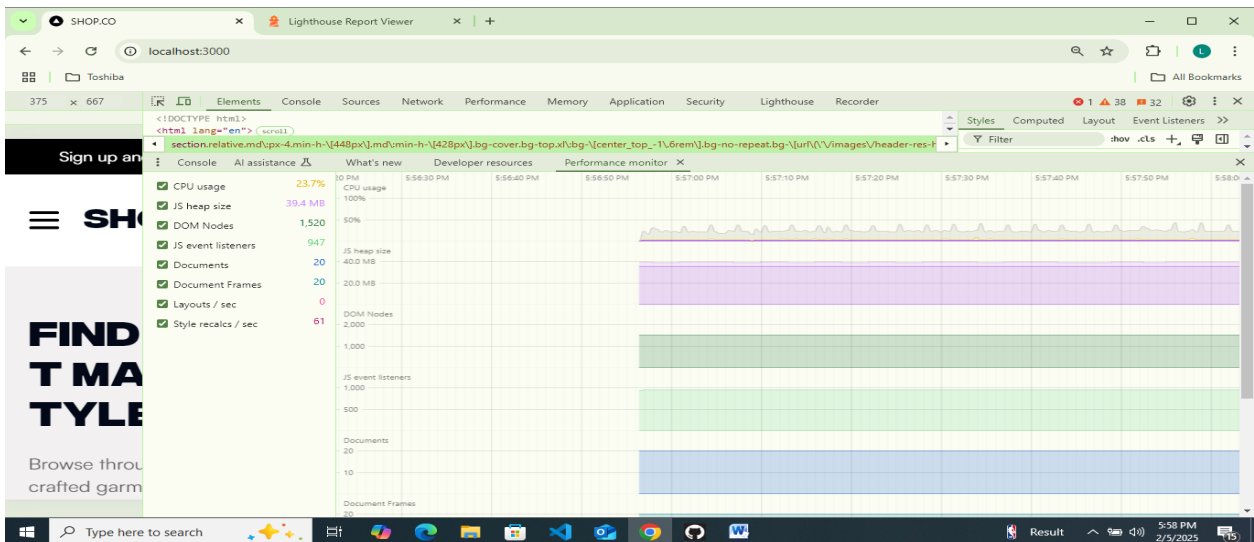
Type here to search

21°C Partly cloudy 5:53 PM 2/5/2025

Developer Resources



Performance Monitor



Security

