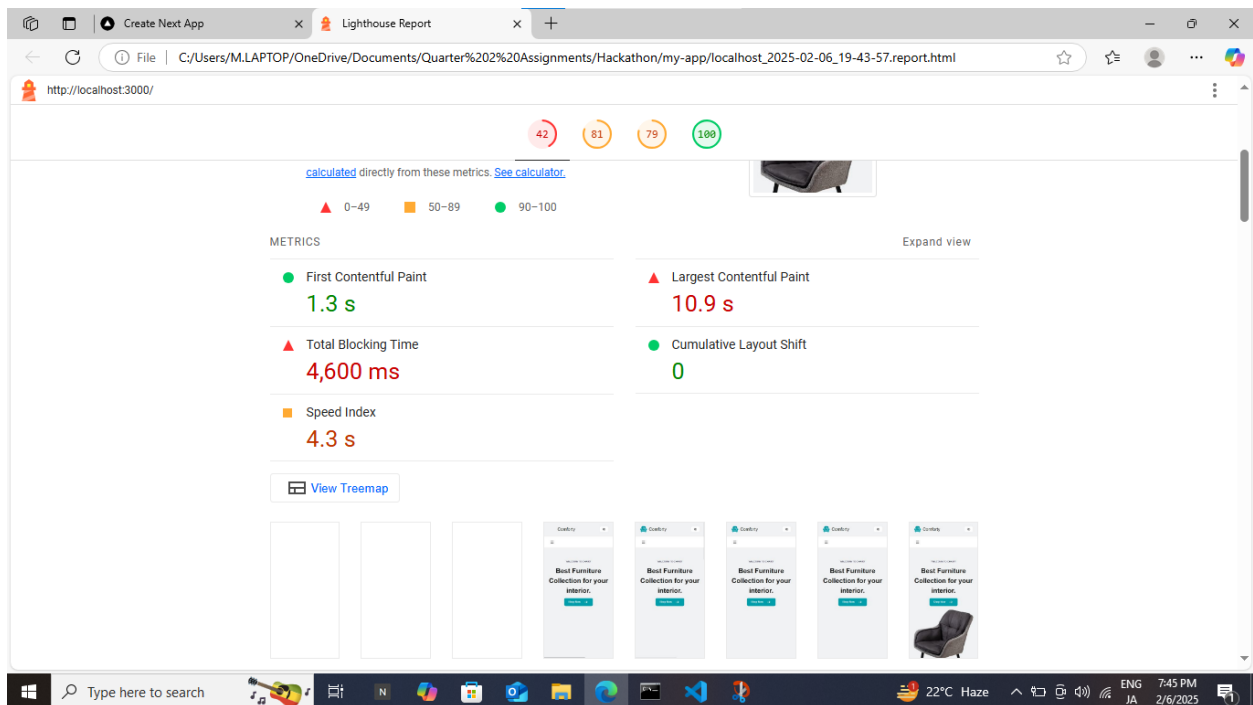
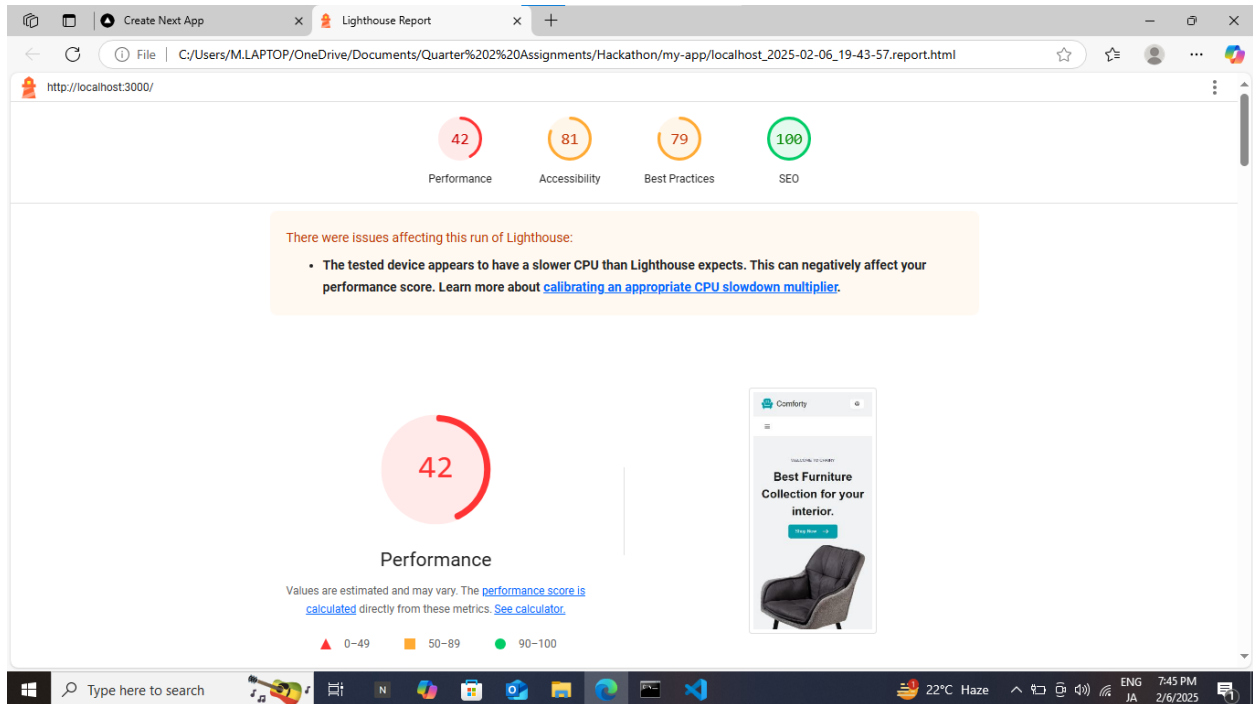


# DAY 5:LIGHTHOUSE PERFORMANCE



Browser tabs: Create Next App, Lighthouse Report, +

Address bar: File | C:/Users/M.LAPTOP/OneDrive/Documents/Quarter%2020Assignments/Hackathon/my-app/localhost\_2025-02-06\_19-43-57.report.html

URL: http://localhost:3000/

Performance Score: 42 (red), 81 (orange), 79 (orange), 100 (green)

Show audits relevant to: [All](#) [FCP](#) [LCP](#) [TBT](#)

### DIAGNOSTICS

- ▲ Minimize main-thread work — 11.3 s
- ▲ Largest Contentful Paint element — 10,900 ms
- ▲ Reduce JavaScript execution time — 6.5 s
- ▲ Largest Contentful Paint image was lazily loaded
- ▲ Reduce the impact of third-party code — Third-party code blocked the main thread for 960 ms
- ▲ Reduce initial server response time — Root document took 710 ms
- ▲ Minify JavaScript — Potential savings of 191 KiB
- ▲ Reduce unused JavaScript — Potential savings of 402 KiB
- ▲ Page prevented back/forward cache restoration — 4 failure reasons
- Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB
- Avoid long main-thread tasks — 20 long tasks found
- Avoids an excessive DOM size — 210 elements

Windows taskbar: Type here to search, 22°C, 7:46 PM, 2/6/2025

Browser tabs: Create Next App, Lighthouse Report, Lighthouse Report, +

Address bar: File | C:/Users/M.LAPTOP/OneDrive/Documents/Quarter%2020Assignments/Hackathon/my-app/localhost\_2025-02-06\_19-43-57.report.html

URL: http://localhost:3000/

Performance Score: 42 (red), 81 (orange), 79 (orange), 100 (green)

- ▲ Reduce JavaScript execution time — 6.5 s
- ▲ Largest Contentful Paint image was lazily loaded
- ▲ Reduce the impact of third-party code — Third-party code blocked the main thread for 960 ms
- ▲ Reduce initial server response time — Root document took 710 ms
- ▲ Minify JavaScript — Potential savings of 191 KiB
- ▲ Reduce unused JavaScript — Potential savings of 402 KiB
- ▲ Page prevented back/forward cache restoration — 4 failure reasons
- Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB
- Avoid long main-thread tasks — 20 long tasks found
- Avoids an excessive DOM size — 210 elements
- Avoids enormous network payloads — Total size was 2,508 KiB

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

PASSED AUDITS (25) [Show](#)

Windows taskbar: Type here to search, 22°C, 7:47 PM, 2/6/2025

Browser tabs: Create Next App, Lighthouse Report, Lighthouse Report

Address bar: File | C:/Users/M.LAPTOP/OneDrive/Documents/Quarter%20%20Assignments/Hackathon/my-app/localhost\_2025-02-06\_19-43-57.report.html

URL: http://localhost:3000/

Score summary: 42, 81, 79, 100

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

PASSED AUDITS (25) [Show](#)

## 81 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

Browser tabs: Create Next App, Lighthouse Report, Lighthouse Report

Address bar: File | C:/Users/M.LAPTOP/OneDrive/Documents/Quarter%20%20Assignments/Hackathon/my-app/localhost\_2025-02-06\_19-43-57.report.html

URL: http://localhost:3000/

Score summary: 42, 81, 79, 100

### NAMES AND LABELS

- ▲ Buttons do not have an accessible name
- ▲ 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.

### CONTRAST

- ▲ Background and foreground colors do not have a sufficient contrast ratio.

These are opportunities to improve the legibility of your content.

### BEST PRACTICES

- ▲ Touch targets do not have sufficient size or spacing.

These items highlight common accessibility best practices.

Browser tabs: Create Next App, Lighthouse Report, Lighthouse Report

Address bar: File | C:/Users/M.LAPTOP/OneDrive/Documents/Quarter%20%20Assignments/Hackathon/my-app/localhost\_2025-02-06\_19-43-57.report.html

URL: http://localhost:3000/

Score summary: 42, 81, 79, 100

### NAVIGATION

▲ **Heading elements are not in a sequentially-descending order**

These are opportunities to improve keyboard navigation in your application.

### ADDITIONAL ITEMS TO MANUALLY CHECK (10)

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

### PASSED AUDITS (20)

### NOT APPLICABLE (32)

Windows taskbar: Type here to search, 22°C Haze, 7:49 PM 2/6/2025

Browser tabs: Create Next App, Lighthouse Report, Lighthouse Report

Address bar: File | C:/Users/M.LAPTOP/OneDrive/Documents/Quarter%20%20Assignments/Hackathon/my-app/localhost\_2025-02-06\_19-43-57.report.html

URL: http://localhost:3000/

Score summary: 42, 81, 79, 100

## 79

### Best Practices

### GENERAL

- ▲ Uses third-party cookies — 2 cookies found
- ▲ Issues were logged in the [Issues](#) panel in Chrome Devtools
- ▲ Missing source maps for large first-party JavaScript

### TRUST AND SAFETY

- Ensure CSP is effective against XSS attacks

Windows taskbar: Type here to search, 22°C Haze, 7:49 PM 2/6/2025

Browser tabs: Create Next App, Lighthouse Report, Lighthouse Report

Address bar: File | C:/Users/M.LAPTOP/OneDrive/Documents/Quarter%20%20Assignments/Hackathon/my-app/localhost\_2025-02-06\_19-43-57.report.html

URL: http://localhost:3000/

Score summary: 42, 81, 79, 100

TRUST AND SAFETY

- ☐ Ensure CSP is effective against XSS attacks
- ☐ Use a strong HSTS policy
- ☐ Ensure proper origin isolation with COOP

PASSED AUDITS (12) Show

NOT APPLICABLE (2) Show

100

Windows taskbar: Type here to search, 22°C Haze, ENG JA, 7:50 PM 2/6/2025

Browser tabs: Create Next App, Lighthouse Report, Lighthouse Report

Address bar: File | C:/Users/M.LAPTOP/OneDrive/Documents/Quarter%20%20Assignments/Hackathon/my-app/localhost\_2025-02-06\_19-43-57.report.html

URL: http://localhost:3000/

Score summary: 42, 81, 79, 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

NOT APPLICABLE (2) Show

Windows taskbar: Type here to search, 22°C Haze, ENG JA, 7:50 PM 2/6/2025

Created Next App x Lighthouse Report x Lighthouse Report x +

C:/Users/M.LAPTOP/OneDrive/Documents/Quarter%20%20Assignments/Hackathon/my-app/localhost\_2025-02-06\_19-43-57.report.html

http://localhost:3000/

42 81 79 100

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

NOT APPLICABLE (2) Show

Captured at Feb 6, 2025, 7:43 PM GMT+5 Emulated Moto G Power with Lighthouse 12.3.0 Single page session

Initial page load Slow 4G throttling Using Chromium 113.0.0.0 with cli

Generated by Lighthouse 12.3.0 | [File an issue](#)

Type here to search

22°C Haze ENG JA 7:51 PM 2/6/2025