# Day-5 Testing, Error, Handling, And Backend Integration Refinement

Comforty Ecommerce-Website!!!

"Comforty – Aapke ghar ke liye stylish aur comfortable sofas aur chairs! Premium quality, modern designs, aur affordable prices ke saath apke living space ko ek naya look dein. Visit karein aur apna perfect comfort choose karein!"

Step-1 Functional Testing

"My website is functioning flawlessly! The Home**,** About**,** Dynamic Routing**,** Add to Cart**, Contact and** Proceed to Checkout **features are working seamlessly, providing users with a smooth and hassle-free shopping experience. Navigation is intuitive, and the checkout process is efficient, ensuring customer satisfaction".**
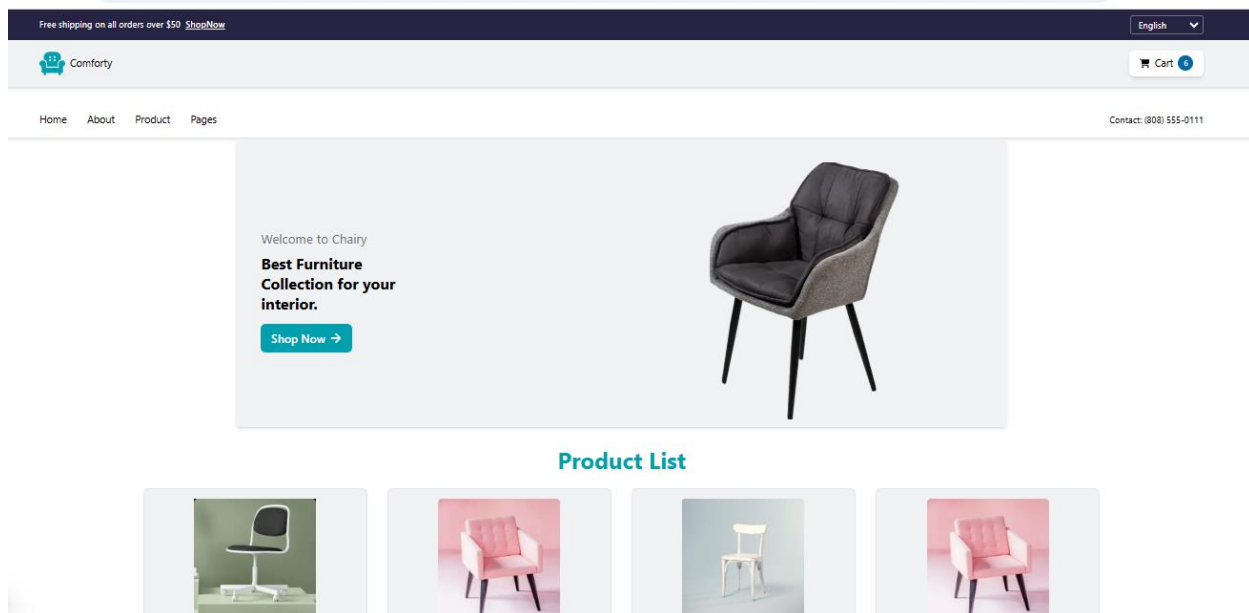
Scandi Dip Set
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Citrus Edges
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Modern Cozys
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Nordic Spin
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Gray Elegance
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Ivory Charm
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Scandi Dip Sets
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Citrus Edge
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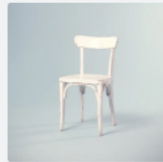
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SleekSpin
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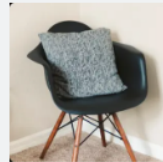
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Library Stool Chair
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Modern Cozy
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Comforty

Vivamus tristique odio sit amet velit semper, eu posuere turpis interdum. Cras egestas purus.

Category
Sofa
Armchair
Wing Chair
Desk Chair
Wooden Chair
Park Bench

Support
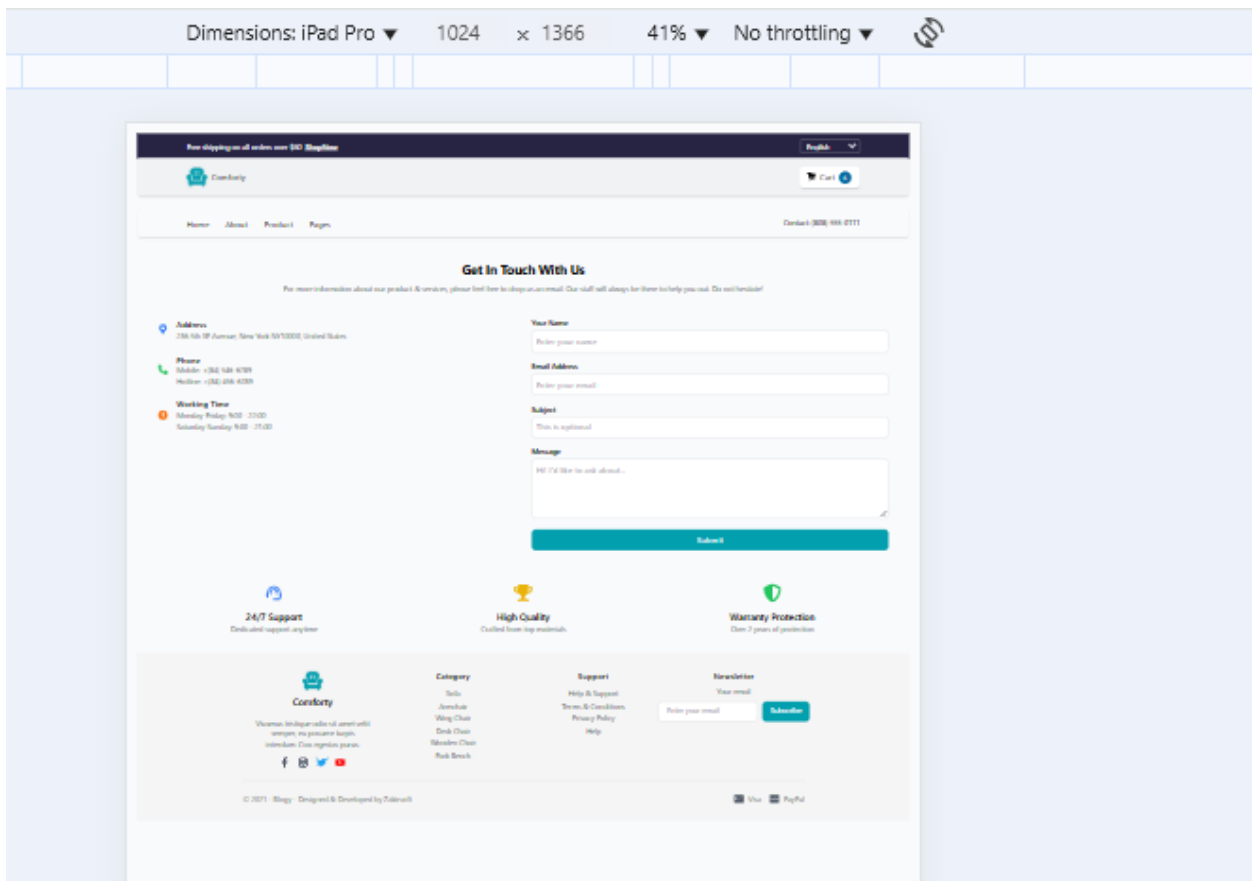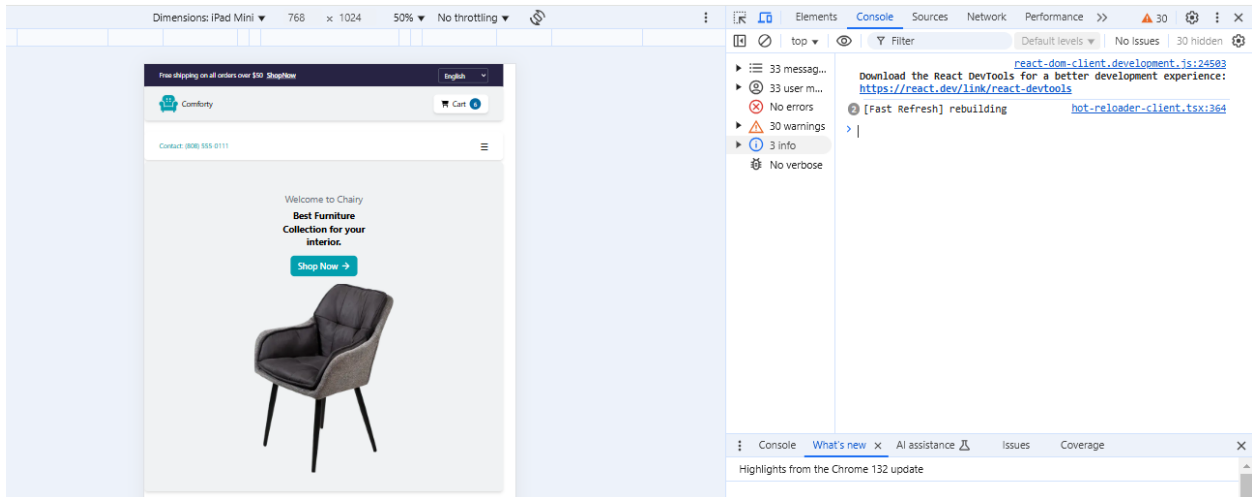Help & Support
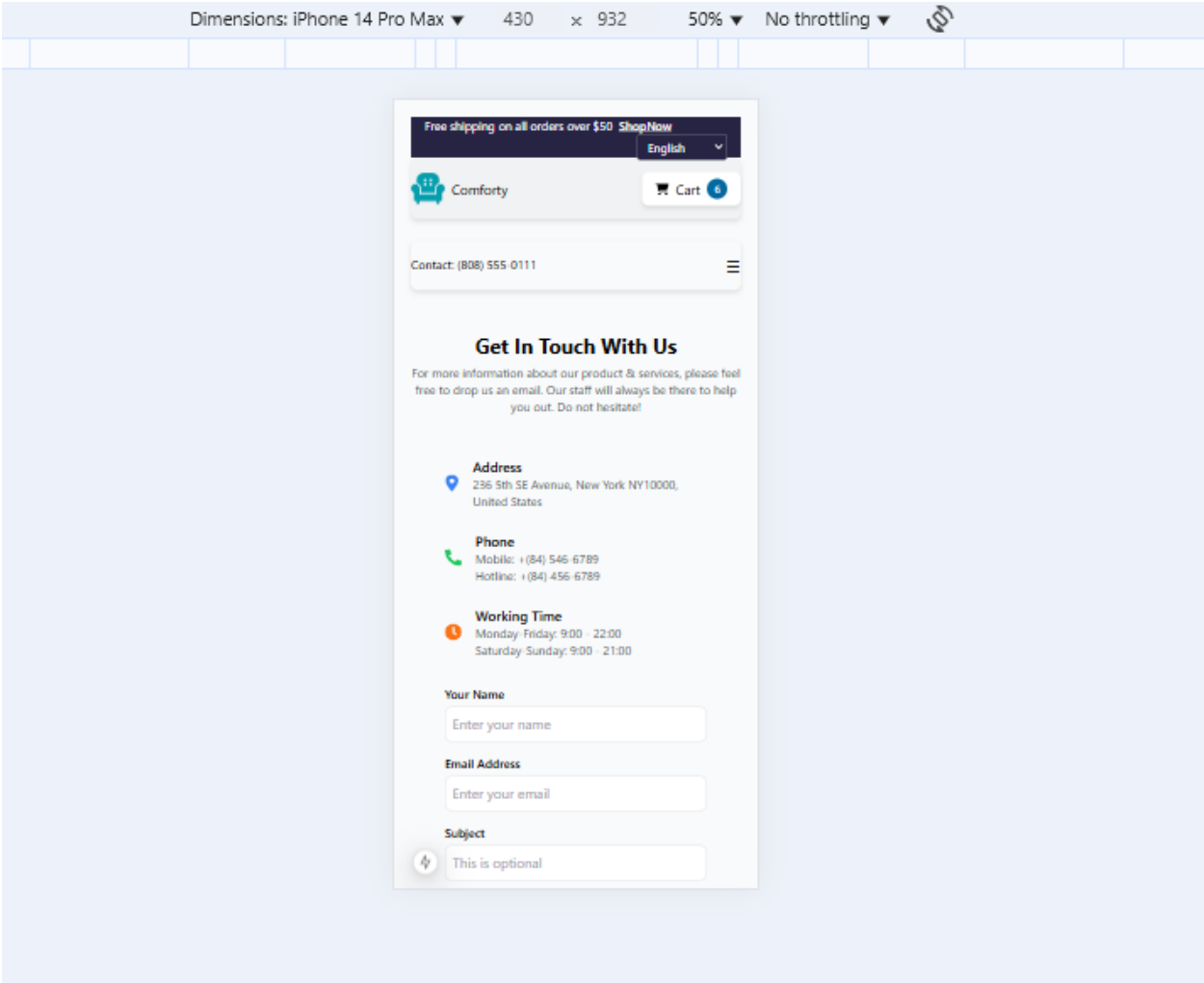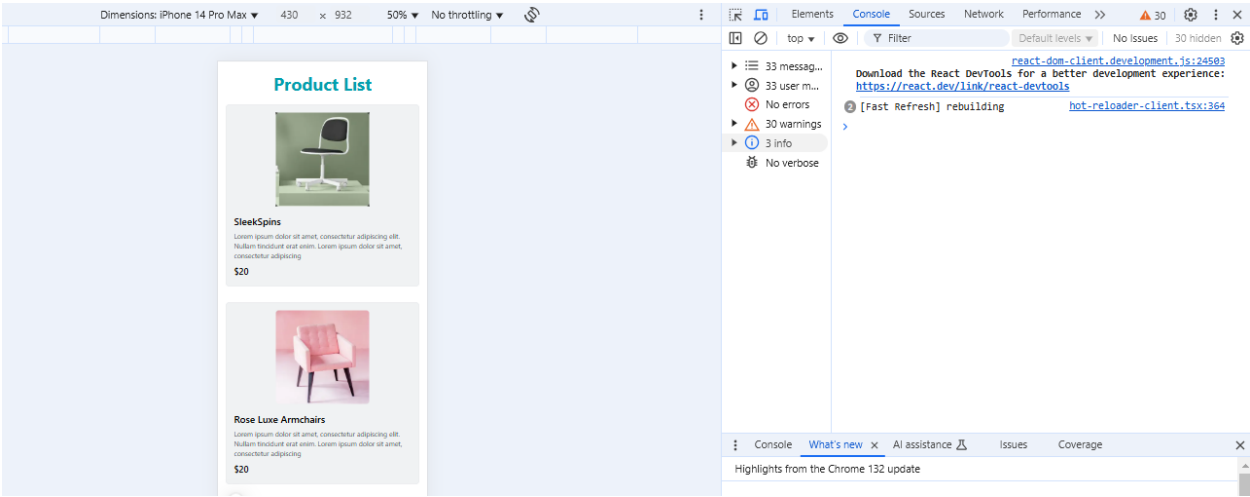Terms & Conditions
Privacy Policy
Help

Newsletter
Your email
Enter your email
Subscribe

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Visa PayPal

# My Website Responsive in All Device….   In IPad..

Mobile Responsive...

Step-2   Successful Data Fetching from Sanity API"....

"All data is being successfully fetched from the **Sanity API** to the frontend. The **image, heading, text, price, and tag** are displaying correctly without any issues. The integration is smooth, ensuring that all product details are dynamically loaded and presented properly on the website."
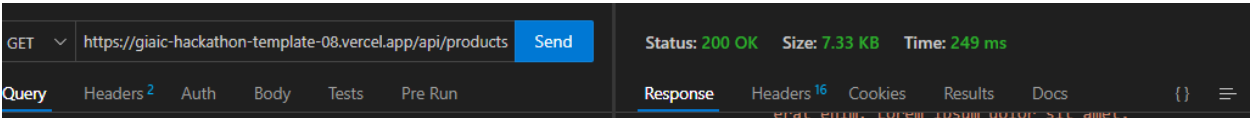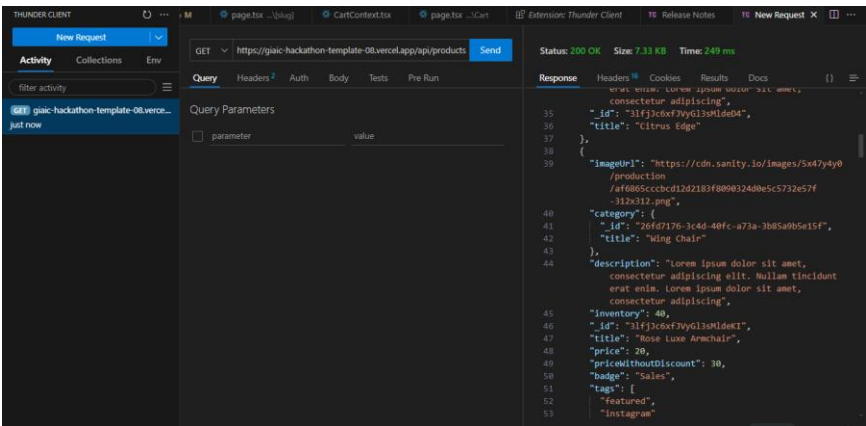
Step-3 Testing

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
2TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	Low	-	No issues found
3TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	-	Handled gracefully

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
4TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	-	Works as expected
5TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	-	Test successful

Step-4 Performance Optimization

http://localhost:3000/

49	88	100	100
Performance	Accessibility	Best Practices	SEO

49

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
1.9 s

▲ Largest Contentful Paint
10.2 s

49 **88** **100** **100**
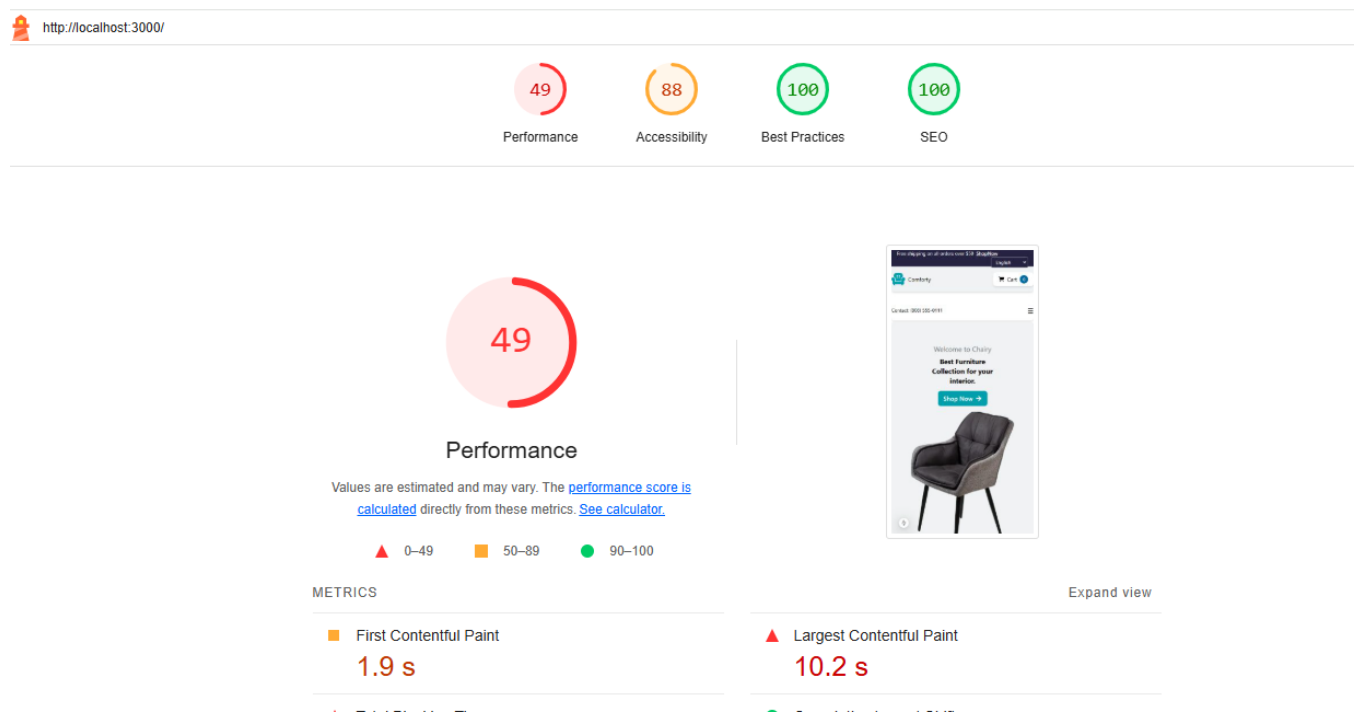
🟧 First Contentful Paint
1.9 s

🔺 Largest Contentful Paint
10.2 s

🔺 Total Blocking Time
1,270 ms

🟢 Cumulative Layout Shift
0

🟢 Speed Index
2.3 s

⊞ View Treemap
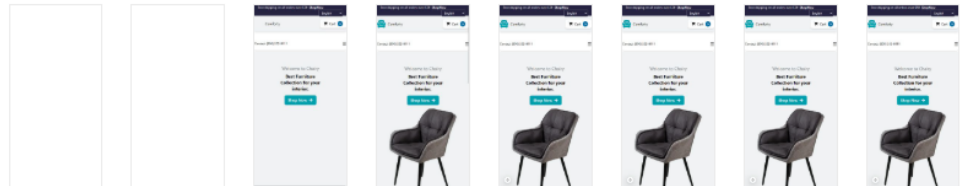
Show audits relevant to: **All** FCP LCP TBT

DIAGNOSTICS

🔺 Reduce JavaScript execution time — 2.2 s ⌄

49 **88** **100** **100**

🔺 Minimize main-thread work — 5.5 s ⌄

🔺 Largest Contentful Paint element — 10,170 ms ⌄

🔺 Reduce unused JavaScript — Potential savings of 1,089 KiB ⌄

🔺 Minify JavaScript — Potential savings of 320 KiB ⌄

🔺 Largest Contentful Paint image was lazily loaded ⌄

🔺 Page prevented back/forward cache restoration — 3 failure reasons ⌄

🟧 Eliminate render-blocking resources — Potential savings of 0 ms ⌄

🟧 Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB ⌄

○ Avoid long main-thread tasks — 11 long tasks found ⌄

○ Initial server response time was short — Root document took 250 ms ⌄

○ Avoids an excessive DOM size — 242 elements ⌄

○ Avoids enormous network payloads — Total size was 1,688 KiB ⌄

○ Avoid chaining critical requests — 1 chain found ⌄

49   88   100   100

PASSED AUDITS (23)

88

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.

CONTRAST

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

These are opportunities to improve the legibility of your content.

49   88   100   100

100

Best Practices

TRUST AND SAFETY

○ Ensure CSP is effective against XSS attacks   ⌄

○ Use a strong HSTS policy   ⌄

○ Ensure proper origin isolation with COOP   ⌄

GENERAL

▲ Missing source maps for large first-party JavaScript   ⌄

49   88   100   100

These are opportunities to improve the legibility of your content.

NAMES AND LABELS

▲ Links do not have a discernible name   ⌄

▲ Select elements do not have associated label elements.   ⌄

▲ Image elements have [alt] attributes that are redundant text.   ⌄

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.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)   Show

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

PASSED AUDITS (22)   Show

NOT APPLICABLE (31)   Show

49   88   100   100

PASSED AUDITS (14)   Show

NOT APPLICABLE (2)   Show

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.

49   88   100   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 2, 2025, 7:46 PM GMT+5   🖥 Emulated Moto G Power with Lighthouse   👥 Single page session
                                                   12.3.0

⏱ Initial page load   📶 Slow 4G throttling   🌐 Using Chromium 132.0.0.0 with cli

Generated by **Lighthouse** 12.3.0 | File an issue

Developer Resources

Performance Moniter