http://127.0.0.1:5500/index.html

⋮

94	98	100	92	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

0–49   50–89   90–100

94

Performance

Metrics ☰

First Contentful Paint	1.4 s	Time to Interactive	1.4 s
Speed Index	1.4 s	Total Blocking Time	0 ms
Largest Contentful Paint	2.1 s	⚠ Cumulative Layout Shift	1.156

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

View Original Trace

Opportunities — These suggestions can help your page load faster. They don't directly affect the Performance score.

Opportunity	Estimated Savings
Properly size images	0.75 s ⌄
Eliminate render-blocking resources	0.66 s ⌄

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

⚠ Does not use passive listeners to improve scrolling performance ⌄

⚠ Image elements do not have explicit `width` and `height` ⌄

Serve static assets with an efficient cache policy — 2 resources found ⌄

Avoid chaining critical requests — 3 chains found ⌄

Keep request counts low and transfer sizes small — 25 requests • 707 KiB ⌄

Largest Contentful Paint element — 1 element found ⌄

Avoid large layout shifts — 5 elements found ⌄

Avoid long main-thread tasks — 1 long task found ⌄

Passed audits (25) ⌄

98

Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

Names and labels — 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.

⚠ `<frame>` or `<iframe>` elements do not have a title ⌄

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 (19) ⌄

Not applicable (21) ⌄

100

Best Practices

Passed audits (15) ⌄

92

SEO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. Learn more.

Content Best Practices — Format your HTML in a way that enables crawlers to better understand your app's content.

⚠ Document does not have a meta description ⌄

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices. ⌄

Passed audits (11) ⌄

Not applicable (2) ⌄

Progressive Web App

These checks validate the aspects of a Progressive Web App. Learn more.

Fast and reliable

Page load is fast enough on mobile networks ⌄

⚠ Current page does not respond with a 200 when offline ⌄

⚠ start_url does not respond with a 200 when offline No usable web app manifest found on page. ⌄

Installable

Uses HTTPS ⌄

⚠ Does not register a service worker that controls page and start_url ⌄

⚠ Web app manifest does not meet the installability requirements Failures: No manifest was fetched. ⌄

PWA Optimized

⚠ Does not redirect HTTP traffic to HTTPS ⌄

⚠ Is not configured for a custom splash screen Failures: No manifest was fetched. ⌄

⚠ Does not set a theme color for the address bar.
Failures: No manifest was fetched, No `<meta name="theme-color">` tag found. ⌄

⚠ Content is not sized correctly for the viewport The viewport size of 580px does not match the window size of 360px. ⌄

Has a `<meta name="viewport">` tag with `width` or `initial-scale` ⌄

Contains some content when JavaScript is not available ⌄

⚠ Does not provide a valid `apple-touch-icon` ⌄

⚠ Manifest doesn't have a maskable icon No manifest was fetched ⌄

Additional items to manually check (3) — These checks are required by the baseline PWA Checklist but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually. ⌄

Runtime Settings

URL	http://127.0.0.1:5500/index.html
Fetch Time	Dec 10, 2020, 3:03 PM GMT+1
Device	Emulated Moto G4
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/86.0.4240.198 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 7.0; Moto G (4)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4143.7 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	840

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