100	95	93	78	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

🔺 0–49   50–89   90–100

100

Performance

Metrics ≡

First Contentful Paint	Time to Interactive
0.4 s	**0.4 s**
Speed Index	Total Blocking Time
0.5 s	**0 ms**
Largest Contentful Paint	Cumulative Layout Shift
0.4 s	**0**

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

[View Original Trace]   [⬛ View Treemap]
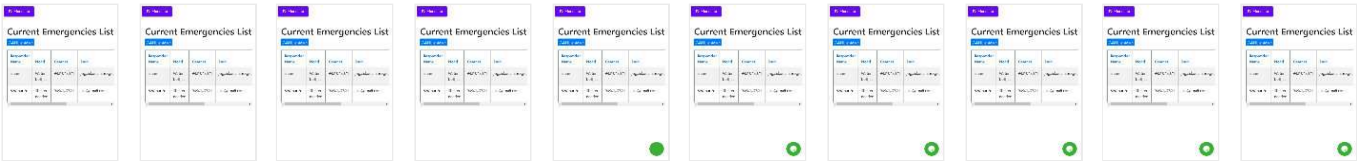
Show audits relevant to: [All | FCP | LCP | TBT | CLS]

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

Opportunity	Estimated Savings
Eliminate render-blocking resources	0.22 s ⌄

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

▲ Ensure text remains visible during webfont load	⌄
○ Avoid chaining critical requests — 3 chains found	⌄
○ Keep request counts low and transfer sizes small — 36 requests • 364 KiB	⌄
○ Largest Contentful Paint element — 1 element found	⌄
○ Avoid large layout shifts — 1 element found	⌄

Passed audits (33)   ⌄

95

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.

**Contrast** — These are opportunities to improve the legibility of your content.

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

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 (12)   ⌄

Not applicable (31)   ⌄

93
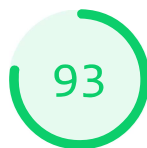
Best Practices

Trust and Safety

⚠ Links to cross-origin destinations are unsafe ⌄

◯ Ensure CSP is effective against XSS attacks ⌄

General

◯ Detected JavaScript libraries ⌄

Passed audits (15) ⌄

Not applicable (1) ⌄

78
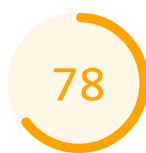
SEO

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](#).

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 ⌄

⚠ Links do not have descriptive text — 1 link found ⌄

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

Passed audits (7) ⌄

Not applicable (5) ⌄

PWA

Progressive Web App

These checks validate the aspects of a Progressive Web App. [Learn more](#).

Installable

⚠ Web app manifest or service worker do not meet the installability requirements — 1 reason ⌄

PWA Optimized

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

○ Redirects 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 sized correctly for the viewport ⌄

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

⚠ 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://localhost:8080/
Fetch Time	
Device	Emulated Desktop
Network throttling	40 ms TCP RTT, 10,240 Kbps throughput (Simulated)
CPU throttling	1x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.45 Safari/537.36
User agent (network)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/94.0.4590.2 Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1604
Axe version	4.2.3