https://logisticbravo.github.io/Milestone_Project-1-3DPrintQ/articles.html

91	97	100	100	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

— 0–49   — 50–89   — 90–100

91

Performance

Metrics

● First Contentful Paint	2.1 s	● Time to Interactive	3.4 s
● Speed Index	2.1 s	● Total Blocking Time	60 ms
■ Largest Contentful Paint	3.3 s	● Cumulative Layout Shift	0.024

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
▲ Eliminate render-blocking resources	1.05 s ⌄
■ Remove unused CSS	0.45 s ⌄
■ Properly size images	0.15 s ⌄
▲ Remove unused JavaScript	Error! ⌄
▲ Remove duplicate modules in JavaScript bundles	Error! ⌄
▲ Avoid serving legacy JavaScript to modern browsers	Error! ⌄

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

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

▲ Serve static assets with an efficient cache policy — **10 resources found** ⌄

● Avoid chaining critical requests — 12 chains found ⌄

● Keep request counts low and transfer sizes small — 27 requests • 946 KiB ⌄

● Largest Contentful Paint element — 1 element found ⌄

● Avoid large layout shifts — 3 elements found ⌄

● Avoid long main-thread tasks — 5 long tasks found ⌄

Passed audits (22) ⌄

97

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. ⌄

Navigation — These are opportunities to improve keyboard navigation in your application.

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

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 (22) ⌄

Not applicable (17) ⌄

100

Best Practices

Passed audits (15) ⌄

100

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.

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

Passed audits (12) ⌄

Not applicable (2) ⌄

PWA
—

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 The start_url did respond, but not via a service worker. ⌄

⊕ **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: Manifest icon failed to be fetched, Manifest does not have `short_name`, Manifest does not have `name`. ⌄

★ **PWA Optimized**

● Redirects HTTP traffic to HTTPS ⌄

▲ Is not configured for a custom splash screen Failures: Manifest does not have `name`. ⌄

▲ Does not set a theme color for the address bar. Failures: 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` ⌄
- ● Contains some content when JavaScript is not available ⌄
- ● Provides a valid `apple-touch-icon` ⌄
- ▲ Manifest doesn't have a maskable icon ⌄

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	https://logisticbravo.github.io/Milestone_Project-1-3DPrintQ/articles.html
Fetch Time	Nov 12, 2020, 12:20 AM GMT
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 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/86.0.4240.80 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	1418

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