



Performance



Accessibility



Best Practices



SEO



Progressive Web App

0–49 50–89 90–100


## Performance

### Metrics



● First Contentful Paint	0.8 s	● Time to Interactive	0.8 s
■ Speed Index	1.6 s	● Total Blocking Time	0 ms
● Largest Contentful Paint	1.2 s	▲ Cumulative Layout Shift	0.411

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
■ Serve images in next-gen formats	0.38 s
■ Properly size images	0.28 s
■ Eliminate render-blocking resources	0.26 s

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

▲ Image elements do not have explicit <a href="#">width</a> and <a href="#">height</a>	▼
▲ Serve static assets with an efficient cache policy — 10 resources found	▼
● Avoid chaining critical requests — 15 chains found	▼
● Keep request counts low and transfer sizes small — 30 requests • 1,387 KiB	▼
● Largest Contentful Paint element — 1 element found	▼

- Avoid large layout shifts — 5 elements found

▼
- Avoid non-composited animations — 3 animated elements found

▼

Passed audits (25)

▼



## 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)

▼



## Best Practices

Passed audits (15)

▼



SEO

## 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 (10)** ▼

**Not applicable (4)** ▼



## 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

<b>URL</b>	https://logisticbravo.github.io/Milestone_Project-1-3DPrintQ/index.html
<b>Fetch Time</b>	Nov 11, 2020, 5:44 PM GMT
<b>Device</b>	Emulated Desktop
<b>Network throttling</b>	40 ms TCP RTT, 10,240 Kbps throughput (Simulated)
<b>CPU throttling</b>	1x slowdown (Simulated)
<b>Channel</b>	devtools
<b>User agent (host)</b>	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
<b>User agent (network)</b>	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4143.7 Safari/537.36 Chrome-Lighthouse
<b>CPU/Memory Power</b>	1256

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