



Performance



Accessibility



Best Practices



SEO



Progressive Web App

0–49

50–89

90–100



## Performance

## Metrics



First Contentful Paint

1.8 s

First Meaningful Paint

2.2 s

Speed Index

1.8 s

First CPU Idle

2.2 s

Time to Interactive

2.2 s

Max Potential First Input Delay

20 ms

View Trace

Values are estimated and may vary. The performance score is based only on these metrics.



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

## Opportunity

Estimated Savings

|                                     |        |   |
|-------------------------------------|--------|---|
| ▲ Properly size images              | 17.7 s | ▼ |
| ▲ Serve images in next-gen formats  | 11.4 s | ▼ |
| Eliminate render-blocking resources | 0.15 s | ▼ |

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

|  |   |
|--|---|
| ▲ Serve static assets with an efficient cache policy — 8 resources found | ▼ |
| ▲ Ensure text remains visible during webfont load                        | ▼ |
| ▲ Avoid enormous network payloads — Total size was 4,239 KB              | ▼ |

|   |   |
|---|---|
| Minimize Critical Requests Depth — 5 chains found                         | ▼ |
| Keep request counts low and transfer sizes small — 12 requests • 4,239 KB | ▼ |
| Third-Party Usage — 1 Third-Party Found                                   | ▼ |
| Passed audits (15)  | ▼ |



## 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.

**Tables and lists** — These are opportunities to to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

|  |   |
|--|---|
| ▲ <dl>'s do not contain only properly-ordered <dt> and <dd> groups, <script> or <template> elements. | ▼ |
|--|---|

**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.

|   |   |
|---|---|
| ▲ Form elements do not have associated labels | ▼ |
|---|---|

**Additional items to manually check (11)** — 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 (14) | ▼ |
|---------------------|---|



## Best Practices

|                    |   |
|--------------------|---|
| Passed audits (15) | ▼ |
|--------------------|---|



## 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 (9)** ▼

**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 **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

Redirects HTTP traffic to HTTPS ▼

▲ Is not configured for a custom splash screen **Failures: No manifest was fetched.** ▼

|   |   |
|---|---|
| ▲ Does not set an address-bar theme color                                       | ▼ |
| Failures: No manifest was fetched, No ` <meta name="theme-color"/> ` tag found. |   |
| Content is sized correctly for the viewport                                     | ▼ |
| Has a <code>&lt;meta name="viewport"&gt;</code> tag with width or initial-scale | ▼ |
| Contains some content when JavaScript is not available                          | ▼ |
| ▲ Does not provide a valid apple-touch-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://luciwoo.github.io/project-web-store-fall-2019/  |
| <b>Fetch time</b>           | Nov 28, 2019, 11:14 PM EST  |
| <b>Device</b>               | Emulated Desktop  |
| <b>Network throttling</b>   | 150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)   |
| <b>CPU throttling</b>       | 4x slowdown (Simulated)   |
| <b>User agent (host)</b>    | Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/78.0.3904.108 Safari/537.36                 |
| <b>User agent (network)</b> | Mozilla/5.0 (Macintosh; Intel Mac OS X 10_13_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Safari/537.36 Chrome-Lighthouse |
| <b>CPU/Memory Power</b>     | 1644  |

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