


Metrics





First Contentful Paint	0.8 s	Time to Interactive	1.6 s
Speed Index	1.5 s	 Total Blocking Time	450 ms
Largest Contentful Paint	0.9 s	Cumulative Layout Shift	0.004

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	3.19 s 
 Serve images in next-gen formats	0.8 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 — 2 resources found	
 Avoid enormous network payloads — Total size was 4,814 KiB	

Avoid chaining critical requests — 8 chains found	▼
Keep request counts low and transfer sizes small — 12 requests • 4,814 KiB	▼
Largest Contentful Paint element — 1 element found	▼
Avoid large layout shifts — 4 elements found	▼
Avoid long main-thread tasks — 6 long tasks found	▼
<b>Passed audits (26)</b>	▼



## 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.

▲ Buttons do not have an accessible name	▼
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**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](#).

<b>Passed audits (13)</b>	▼
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<b>Not applicable (27)</b>	▼
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## Best Practices

### Trust and Safety

▲ Links to cross-origin destinations are unsafe	▼
▲ Includes front-end JavaScript libraries with known security vulnerabilities — 3 vulnerabilities detected	▼

## User Experience

▲ Displays images with incorrect aspect ratio

Passed audits (13)

Not applicable (1)



## 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 (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 <a href="#">start_url</a>	▼
▲ Web app manifest does not meet the installability requirements <b>Failures: No manifest was fetched.</b>	▼

**PWA Optimized**

Redirects HTTP traffic to HTTPS	▼
▲ Is not configured for a custom splash screen <b>Failures: No manifest was fetched.</b>	▼
Does not set a theme color for the address bar.	▼
▲ <b>Failures: No manifest was fetched, No `<code>&lt;meta name="theme-color"&gt;</code>` tag found.</b>	▼
Content is sized correctly for the viewport	▼
Has a <code>&lt;meta name="viewport"&gt;</code> tag with <a href="#">width</a> or <a href="#">initial-scale</a>	▼
Contains some content when JavaScript is not available	▼
▲ Does not provide a valid <a href="#">apple-touch-icon</a>	▼
▲ Manifest doesn't have a maskable icon <b>No manifest was fetched</b>	▼

**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>	<a href="https://antfromano.github.io/milestone-project-1/index.html">https://antfromano.github.io/milestone-project-1/index.html</a>
<b>Fetch Time</b>	Feb 11, 2021, 4:59 PM EST
<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 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.152 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

CPU/Memory Power	497
Axe version	3.5.5

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