
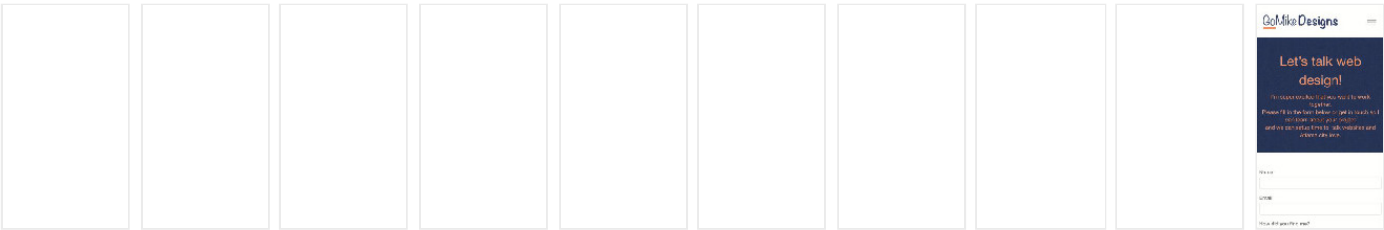


Metrics




|   |        |                         |        |
|---|--------|-------------------------|--------|
| First Contentful Paint  | 3.1 s  | Time to Interactive     | 3.3 s  |
|  Speed Index | 10.0 s | Total Blocking Time     | 130 ms |
| Largest Contentful Paint  | 3.2 s  | Cumulative Layout Shift | 0      |

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 | 1.21 s  |
| Remove unused CSS   | 0.53 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                                      | ▼ |
| ▲ Image elements do not have explicit <a href="#">width</a> and <a href="#">height</a> | ▼ |
| ▲ Serve static assets with an efficient cache policy — 13 resources found              | ▼ |
| Minimize main-thread work — 2.5 s  | ▼ |
| Avoid chaining critical requests — 9 chains found                                      | ▼ |
| Keep request counts low and transfer sizes small — 15 requests • 320 KiB               | ▼ |
| Largest Contentful Paint element — 1 element found                                     | ▼ |
| Avoid long main-thread tasks — 4 long tasks found                                      | ▼ |

Passed audits (24) ▼



## 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 (21) ▼

Not applicable (19) ▼



## Best Practices

### Trust and Safety

- ▲ Includes front-end JavaScript libraries with known security vulnerabilities — 9 vulnerabilities detected ▼

### User Experience

- ▲ Serves images with low resolution ▼

### Passed audits (14) ▼

### 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.](#)

- 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) ▼



# 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  | ✓ |
| ▲ <code>start_url</code> does not respond with a 200 when offline <b>No usable web app manifest found on page.</b> | ✓ |

## Installable

|  |   |
|--|---|
| Uses HTTPS   | ✓ |
| ▲ Does not register a service worker that controls page and <code>start_url</code>                         | ✓ |
| ▲ 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 <code>width</code> or <code>initial-scale</code> | ✓ |
| Contains some content when JavaScript is not available  | ✓ |
| ▲ Does not provide a valid <code>apple-touch-icon</code>  | ✓ |
| ▲ 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

|            |  |
|------------|--|
| URL        | https://htamlyn.github.io/oc-project4/page2.html |
| Fetch Time | Feb 24, 2021, 11:12 AM GMT                       |

|                             |  |
|-----------------------------|--|
| <b>Device</b>               | Emulated Moto G4   |
| <b>Network throttling</b>   | 150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)  |
| <b>CPU throttling</b>       | 4x slowdown (Simulated)  |
| <b>Channel</b>              | devtools   |
| <b>User agent (host)</b>    | Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.182 Safari/537.36                        |
| <b>User agent (network)</b> | 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<br>Chrome-Lighthouse |
| <b>CPU/Memory Power</b>     | 1348   |
| <b>Axe version</b>          | 3.5.5  |

Generated by **Lighthouse** 6.4.0 | [File an issue](#)