



Performance



Accessibility



Best Practices



SEO



Progressive Web App

- Print Summary
- Print Expanded
- Copy JSON
- Save as HTML
- Save as JSON
- Open in Viewer
- Toggle Dark Theme

0-49 50-89 90-100

#### There were issues affecting this run of Lighthouse:

- Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.



## Performance

### Metrics



|                        |       |                                 |       |
|------------------------|-------|---------------------------------|-------|
| First Contentful Paint | 1.0 s | First Meaningful Paint          | 1.0 s |
| Speed Index            | 1.0 s | First CPU Idle                  | 1.0 s |
| Time to Interactive    | 1.1 s | Max Potential First Input Delay | 80 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                | 0.15 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.

- Avoid chaining critical requests — 2 chains found
- Keep request counts low and transfer sizes small — 18 requests • 85 KB



## 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.

**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 (12) ▼

Not applicable (23) ▼



## Best Practices

▲ Does not use HTTP/2 for all of its resources — 14 requests not served via HTTP/2 ▼

Passed audits (14) ▼



## 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 **Description text is empty.** ▼

**Crawling and Indexing** — To appear in search results, crawlers need access to your app.

▲ robots.txt is not valid — 51 errors found

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

**Passed audits (10)**

**Not applicable (1)**



## 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 responds with a 200 when offline
- start\_url responds with a 200 when offline

### Installable

- Uses HTTPS
- Registers a service worker that controls page and start\_url
- Web app manifest meets the installability requirements

### PWA Optimized

- ▲ Does not redirect HTTP traffic to HTTPS
- Configured for a custom splash screen
- Sets a theme color for the address bar.
- ▲ Content is not sized correctly for the viewport The viewport size of 793px does not match the window size of 412px.
- 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

**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://progeessivewebapp.herokuapp.com/  |
| <b>Fetch time</b>           | Mar 27, 2020, 8:46 PM GMT+1   |
| <b>Device</b>               | Emulated Nexus 5X   |
| <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_3) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3987.149 Safari/537.36                                 |
| <b>User agent (network)</b> | Mozilla/5.0 (Linux; Android 6.0.1; Nexus 5 Build/MRA58N) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Mobile Safari/537.36 Chrome-Lighthouse |
| <b>CPU/Memory Power</b>     | 1372  |

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