https://spacexwebapp.herokuapp.com/portal/list

45 Performance

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PWA

Progressive Web App

— 0–49   — 50–89   — 90–100

45

Performance

Metrics		
▲ First Contentful Paint	4.8 s	■ Time to Interactive	6.9 s
▲ Speed Index	13.1 s	● Total Blocking Time	150 ms
▲ Largest Contentful Paint	7.4 s	● Cumulative Layout Shift	0.038

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

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

Opportunity		Estimated Savings
▲ Reduce initial server response time	▬▬▬▬▬▬▬	3.69 s ⌄
▲ Enable text compression	▬▬▬▬▬▬▬	3.6 s ⌄
▲ Eliminate render-blocking resources	▬▬▬▬	1.68 s ⌄
▲ Remove unused CSS	▬▬▬▬	1.65 s ⌄
▲ Remove unused JavaScript	▬▬▬▬	1.65 s ⌄
■ Minify JavaScript	▬▬	0.75 s ⌄

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

■ Avoid an excessive DOM size — 1,407 elements	⌄
● Avoid chaining critical requests — 4 chains found	⌄
● User Timing marks and measures — 28 user timings	⌄
● Keep request counts low and transfer sizes small — 8 requests • 988 KiB	⌄
● Largest Contentful Paint element — 1 element found	⌄
● Avoid large layout shifts — 1 element found	⌄
● Avoid long main-thread tasks — 7 long tasks found	⌄

Passed audits (21)   ⌄

96

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.

Navigation — These are opportunities to improve keyboard navigation in your application.

⚠️   The page does not contain a heading, skip link, or landmark region   ⌄

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 (16)   ⌄

Not applicable (23)   ⌄

100
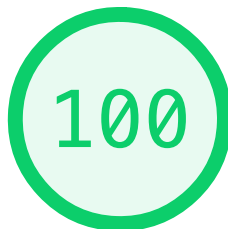
Best Practices

Passed audits (16)   ⌄

Not applicable (1)   ⌄

85

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   ⌄

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

🔺 robots.txt is not valid — 18 errors found   ⌄

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

Passed audits (11)   ⌄

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 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 has 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

URL	https://spacexwebapp.herokuapp.com/portal/list
Fetch Time	Sep 27, 2020, 8:38 PM GMT+5:30
Device	Emulated Moto G4
Network throttling	Unknown
CPU throttling	Unknown
Channel	lr
User agent (host)	Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) HeadlessChrome/84.0.4147.140 Safari/537.36
User agent (network)	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 Chrome-Lighthouse
CPU/Memory Power	907

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