



87

Performance

Metrics



| | | | |
|--------------------------|-------|-------------------------|-------|
| First Contentful Paint | 1.0 s | Time to Interactive | 2.2 s |
| ▲ Speed Index | 2.4 s | Total Blocking Time | 10 ms |
| Largest Contentful Paint | 1.0 s | Cumulative Layout Shift | 0 |

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

View Trace



Opportunities — These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

| Opportunity | Estimated Savings |
|-------------------------------------|-------------------|
| ▲ Properly size images | 2.74 s |
| ▲ Serve images in next-gen formats | 1.86 s |
| Eliminate render-blocking resources | 0.59 s |
| Enable text compression | 0.32 s |
| Remove unused CSS | 0.16 s |

Diagnostics — More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

| | |
|--|---|
| ▲ Does not use HTTP/2 for all of its resources — 17 requests not served via HTTP/2 | ▼ |
|--|---|

| | |
|---|---|
| ▲ Avoid enormous network payloads — Total size was 6,192 KB | ▼ |
| Serve static assets with an efficient cache policy — 4 resources found | ▼ |
| Avoid chaining critical requests — 4 chains found | ▼ |
| User Timing marks and measures — 2 user timings | ▼ |
| Keep request counts low and transfer sizes small — 48 requests • 6,188 KB | ▼ |
| Largest Contentful Paint element — 1 element found | ▼ |
| Avoid large layout shifts — No elements found | ▼ |
| Passed audits (17) | ▼ |



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. | ▼ |
|---|---|

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

| | |
|---|---|
| ▲ Heading elements are not in a sequentially-descending order | ▼ |
|---|---|

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

| | |
|---|---|
| ▲ List items (<code></code>) are not contained within <code></code> or <code></code> parent elements. | ▼ |
|---|---|

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 (7)

Not applicable (31)



Best Practices

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.](#)

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



Passed audits (10)



Not applicable (3)



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 <code>start_url</code> | ✓ |
| 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 <code><meta name="viewport"></code> tag with <code>width</code> or <code>initial-scale</code> | ✓ |
| Contains some content when JavaScript is not available | ✓ |
| Provides a valid <code>apple-touch-icon</code> | ✓ |
| ▲ Manifest doesn't have 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://space-mission-details.herokuapp.com/ |
| Fetch Time | Sep 5, 2020, 10:48 AM GMT+5:30 |
| Device | Emulated Desktop |
| Network throttling | 40 ms TCP RTT, 10,240 Kbps throughput (Simulated) |
| CPU throttling | 1x slowdown (Simulated) |
| Channel | devtools |
| User agent (host) | Mozilla/5.0 (Windows NT 6.3; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/85.0.4183.83 Safari/537.36 |
| User agent (network) | Mozilla/5.0 (Macintosh; Intel Mac OS X 10_13_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3963.0 Safari/537.36 Chrome-Lighthouse |
| CPU/Memory Power | 718 |