http://www.unimacts.com/

Jan 23, 2019, 2:39 PM EST

Emulated Nexus 5X, Simulated Slow 4G network

21	**71**	**71**	**91**	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

Score scale: ● 90-100   ● 50-89   ● 0-49

Performance

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⏱ Metrics

First Contentful Paint	3.6 s ⓘ	First Meaningful Paint	6.1 s ⚠
Speed Index	26.0 s ⚠	First CPU Idle	6.1 s ⓘ
Time to Interactive	24.7 s ⚠	Estimated Input Latency	20 ms ✓

Values are estimated and may vary.

⊞ Opportunities

These optimizations can speed up your page load.

Opportunity	Estimated Savings
1 Properly size images	24 s ⌄

2	Serve images in next-gen formats	22.05 s	⌄
3	Efficiently encode images	10.2 s	⌄
4	Eliminate render-blocking resources	3.18 s	⌄
5	Defer unused CSS	0.15 s	⌄
6	Reduce server response times (TTFB)	0.08 s	⌄

📋 **Diagnostics**

More information about the performance of your application.

1	Serve static assets with an efficient cache policy	62 resources found ⚠	⌄
2	Ensure text remains visible during webfont load	⚠	⌄
3	Avoid enormous network payloads	Total size was 7,191 KB ⚠	⌄
4	Minimize main-thread work	3.0 s ⓘ	⌄
5	Minimize Critical Requests Depth	45 chains found	⌄

✓ **Passed audits**   11 audits ⌄

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.

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Color Contrast Is Satisfactory

These are opportunities to improve the legibility of your content.

1	Background and foreground colors do not have a sufficient contrast ratio.	⚠ ⌄

Elements Are Well Structured

These are opportunities to make sure your HTML is appropriately structured.

2   `[id]` attributes on the page are not unique   ⚠ ⌄

Elements Have Discernible Names

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.

3   Links do not have a discernible name   ⚠ ⌄

🔍 **Additional items to manually check**   12 audits ⌄

✓ **Passed audits**   12 audits ⌄

⊖ **Not applicable**   19 audits ⌄

Best Practices   71
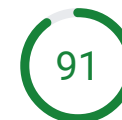
1   Does not use HTTPS   63 insecure requests found ⚠ ⌄

2   Does not use HTTP/2 for all of its resources   59 requests not served via HTTP/2 ⚠ ⌄

3   Does not use passive listeners to improve scrolling performance   ⚠ ⌄

4   Includes front-end JavaScript libraries with known security vulnerabilities   1 vulnerability detected ⚠ ⌄

✓ **Passed audits**   11 audits ⌄

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.

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Content Best Practices

Format your HTML in a way that enables crawlers to better understand your app's content.

1   Document does not have a meta description ⚠ ⌄

🔍 **Additional items to manually check** 2 audits ⌄

✓ **Passed audits** 10 audits ⌄

Progressive Web App

These checks validate the aspects of a Progressive Web App. Learn more.

PWA

⚡ **Fast and reliable**

1   Page load is not fast enough on mobile networks — Interactive at 24.7 s ⚠ ⌄

Your page loads too slowly and is not interactive within 10 seconds. Look at the opportunities and diagnostics in the "Performance" section to learn how to improve.

2   Current page does not respond with a 200 when offline ⚠ ⌄

3   start_url does not respond with a 200 when offline ⚠ ⌄

No usable web app manifest found on page.

⊕ **Installable**

4   Does not use HTTPS — 63 insecure requests found ⚠ ⌄

5   Does not register a service worker that controls page and start_url   ⚠ ⌄

6   Web app manifest does not meet the installability requirements   ⚠ ⌄
     Failures: No manifest was fetched.

⭐ **PWA Optimized**

7   Does not redirect HTTP traffic to HTTPS   ⚠ ⌄

8   Is not configured for a custom splash screen   ⚠ ⌄
     Failures: No manifest was fetched.

9   Does not set an address-bar theme color   ⚠ ⌄
     Failures: No manifest was fetched, No `<meta name="theme-color">` tag found.

10   Content is not sized correctly for the viewport   ⚠ ⌄
     The viewport size is 428px, whereas the window size is 412px.

11   Has a `<meta name="viewport">` tag with `width` or `initial-scale`   ✅ ⌄

12   Contains some content when JavaScript is not available   ✅ ⌄

🔍 **Additional items to manually check**   3 audits ⌄

Runtime settings

- **URL:** `http://www.unimacts.com/`
- **Fetch time:** `Jan 23, 2019, 2:39 PM EST`
- **Device:** `Emulated Nexus 5X`
- **Network throttling:** `150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)`
- **CPU throttling:** `4x slowdown (Simulated)`
- **User agent (host):** `Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_2) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/71.0.3578.98 Safari/537.36`

- **User agent (network):** `Mozilla/5.0 (Linux; Android 6.0.1; Nexus 5 Build/MRA58N) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/71.0.3559.0 Mobile Safari/537.36`
- **CPU/Memory Power:** `1038`

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