https://www.byui.edu/

29	94	100	100	PWA
Performance	Accessibility	Best Practices	SEO	PWA

29

Performance

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

▲ 0–49   ■ 50–89   ● 90–100

METRICS

Expand view

▲ First Contentful Paint

4.0 s

▲ Largest Contentful Paint

4.2 s

▲ Total Blocking Time

1,200 ms

▲ Cumulative Layout Shift

0.738

■ Speed Index

4.3 s

View Treemap

Show audits relevant to: **All**   FCP   LCP   TBT   CLS

OPPORTUNITIES

Opportunity		Estimated Savings
🔺 Eliminate render-blocking resources	▬▬▬▬▬▬▬▬	2.97s ⌄
🔺 Reduce unused JavaScript	▬▬▬▬▬▬	1.62s ⌄
🔺 Serve images in next-gen formats	▬▬▬▬▬▬	1.62s ⌄
🟧 Minify JavaScript	▬	0.15s ⌄

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

DIAGNOSTICS

🔺 Ensure text remains visible during webfont load	⌄
🔺 Reduce the impact of third-party code — Third-party code blocked the main thread for 1,210 ms	⌄
🔺 Image elements do not have explicit `width` and `height`	⌄
🔺 First Contentful Paint (3G) — 8760 ms	⌄
🔺 Serve static assets with an efficient cache policy — 11 resources found	⌄
🔺 Minimize main-thread work — 4.0 s	⌄
🟧 Reduce JavaScript execution time — 2.8 s	⌄
⚪ Avoid chaining critical requests — 14 chains found	⌄
⚪ Keep request counts low and transfer sizes small — 60 requests • 1,741 KiB	⌄
⚪ Largest Contentful Paint element — 1 element found	⌄

○   Avoid large layout shifts   — 5 elements found ⌄

○   Avoid long main-thread tasks   — 17 long tasks found ⌄

More information about the performance of your application. These numbers don't **directly affect** the Performance score.

PASSED AUDITS (23)   Show

94

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.

NAMES AND LABELS

🔺   Links do not have a discernible name ⌄

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.

NAVIGATION

🔺   Some elements have a `[tabindex]` value greater than 0 ⌄

🔺   Heading elements are not in a sequentially-descending order ⌄

These are opportunities to improve keyboard navigation in your application.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)   Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (17)   Show

NOT APPLICABLE (24)   Show

100

Best Practices

TRUST AND SAFETY

○ Ensure CSP is effective against XSS attacks   ⌄

GENERAL

○ Detected JavaScript libraries   ⌄

PASSED AUDITS (13)   Show

NOT APPLICABLE (1)   Show

<div align="center">

100

SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on [Core Web Vitals](). [Learn more about Google Search Essentials]().

</div>

ADDITIONAL ITEMS TO MANUALLY CHECK (1)   Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (12)   Show

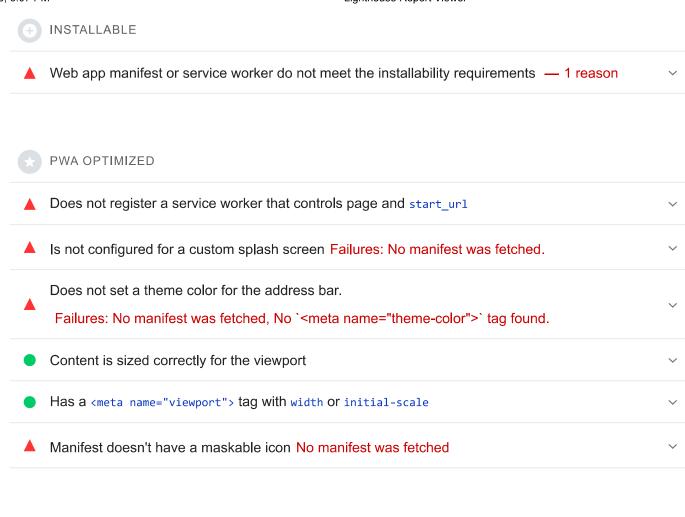NOT APPLICABLE (2)   Show

<div align="center">

PWA

PWA

These checks validate the aspects of a Progressive Web App. [Learn what makes a good Progressive Web App]().

</div>

⊕ INSTALLABLE

🔺 Web app manifest or service worker do not meet the installability requirements — 1 reason ⌄

⭐ PWA OPTIMIZED

🔺 Does not register a service worker that controls page and `start_url` ⌄

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

🔺 Does not set a theme color for the address bar.

  Failures: No manifest was fetched, No `<meta name="theme-color">` tag found. ⌄

🟢 Content is sized correctly for the viewport ⌄

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

🔺 Manifest doesn't have a maskable icon No manifest was fetched ⌄

ADDITIONAL ITEMS TO MANUALLY CHECK (3)   Show

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.

📅 Captured at Apr 6, 2023, 6:06 PM   ▯▯ Emulated Desktop with Lighthouse   ⚙ Single page load
MDT   10.0.2
⏱ Initial page load   📶 Unknown   🌐 Using HeadlessChromium
                                                                                   111.0.5563.146 with lr

Generated by **Lighthouse** 10.0.2 | File an issue