https://localhost:3000/ItemStore?searchText=   ⋮

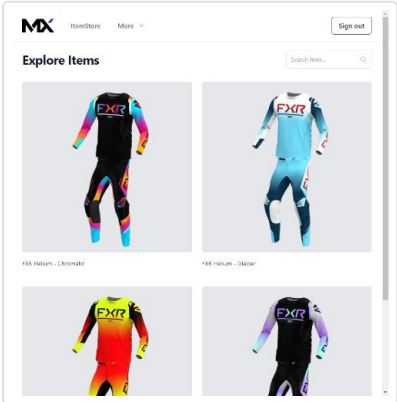| 70	89	83	91	PWA
Performance	Accessibility	Best Practices	SEO	PWA

70

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   Collapse view

First Contentful Paint

0.2 s

First Contentful Paint marks the time at which the first text or image is painted. Learn more.

Time to Interactive

0.9 s

Time to interactive is the amount of time it takes for the page to become fully interactive. Learn more.

Speed Index

0.8 s

Speed Index shows how quickly the contents of a page are visibly populated. Learn more.

Total Blocking Time

230 ms

Sum of all time periods between FCP and Time to Interactive, when task length exceeded 50ms, expressed in milliseconds. Learn more.

Largest Contentful Paint

1.9 s

Largest Contentful Paint marks the time at which the largest text or image is painted. Learn more

▲ Cumulative Layout Shift

0.52

Cumulative Layout Shift measures the movement of visible elements within the viewport. Learn more.

View Original Trace   █ View Treemap

Show audits relevant to: All   FCP   TBT   LCP   CLS

OPPORTUNITIES

Opportunity	Estimated Savings
▲ Preload Largest Contentful Paint image	0.81 s ⌄
Properly size images	0.74 s ⌄
Serve images in next-gen formats	0.74 s ⌄
Minify JavaScript	0.16 s ⌄
Reduce unused JavaScript	0.16 s ⌄

These suggestions can help your page load faster. They don't directly affect the Performance score.

DIAGNOSTICS

▲ Image elements do not have explicit `width` and `height`	⌄
▲ Serve static assets with an efficient cache policy — 5 resources found	⌄
○ Keep request counts low and transfer sizes small — 14 requests • 1,585 KiB	⌄
○ Largest Contentful Paint element — 1 element found	⌄
○ Avoid large layout shifts — 5 elements found	⌄
○ Avoid long main-thread tasks — 2 long tasks found	⌄

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

PASSED AUDITS (29)   Show

89

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

▲   Image elements do not have `[alt]` attributes   ⌄

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

▲   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 (15)   Show

NOT APPLICABLE (27)   Show

83

Best Practices

TRUST AND SAFETY

▲   Does not use HTTPS — 4 insecure requests found   ⌄

○   Ensure CSP is effective against XSS attacks   ⌄

GENERAL

▲   Issues were logged in the `Issues` panel in Chrome Devtools   ⌄

○   Detected JavaScript libraries   ⌄

PASSED AUDITS (11)	Show

NOT APPLICABLE (1)	Show

91

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](#).

CONTENT BEST PRACTICES

▲   Image elements do not have `[alt]` attributes   ⌄

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

ADDITIONAL ITEMS TO MANUALLY CHECK (1)	Show

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

PASSED AUDITS (10)	Show

NOT APPLICABLE (3)	Show

PWA

These checks validate the aspects of a Progressive Web App. [Learn more](#).

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`   ⌄

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`   ⌄

Provides a valid `apple-touch-icon`   ⌄

⚠ Manifest doesn't have a maskable icon   ⌄

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 Jan 5, 2023, 10:00 PM GMT+1   ⬛ Emulated Desktop with Lighthouse 9.6.6   ⬛ Single page load

⬛ Initial page load   ⬛ Custom throttling   ⬛ Using Chromium 108.0.0.0 with devtools

Generated by **Lighthouse** 9.6.6 | File an issue