http://127.0.0.1:5500/mainPage.html

⋮

83	88	92	70	PWA
Performance	Accessibility	Best Practices	SEO	PWA

There were issues affecting this run of Lighthouse:

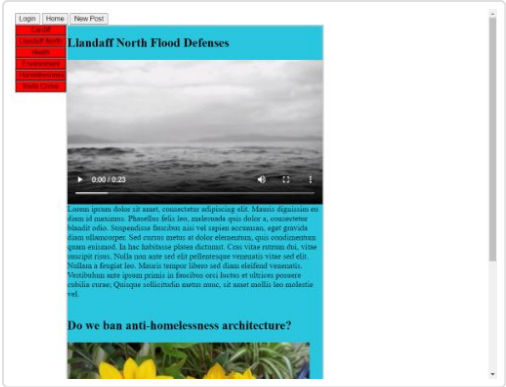- **Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.**

83

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	Time to Interactive
0.3 s	0.9 s

Speed Index	▲ Total Blocking Time
0.6 s	390 ms

Largest Contentful Paint	Cumulative Layout Shift
0.3 s	0.021

View Original Trace   View Treemap

Show audits relevant to: All   FCP   TBT   LCP   CLS

DIAGNOSTICS

▲ Image elements do not have explicit `width` and `height` ⌄

▲ Does not have a `<meta name="viewport">` tag with `width` or `initial-scale` No `<meta name="viewport">` tag found ⌄

○ Avoid chaining critical requests — 2 chains found ⌄

○ User Timing marks and measures — 2 user timings ⌄

○ Keep request counts low and transfer sizes small — 8 requests • 82 KiB ⌄

○ Largest Contentful Paint element — 1 element found ⌄

○ Avoid large layout shifts — 5 elements found ⌄

○ Avoid long main-thread tasks — 4 long tasks found ⌄

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

PASSED AUDITS (32)   Show

88

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.

INTERNATIONALIZATION AND LOCALIZATION

▲ `<html>` element does not have a `[lang]` attribute ⌄

These are opportunities to improve the interpretation of your content by users in different locales.

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 (13)   Show

NOT APPLICABLE (29)   Show

92

Best Practices

BROWSER COMPATIBILITY

▲   Page lacks the HTML doctype, thus triggering quirks-mode Document must contain a doctype   ⌄

TRUST AND SAFETY

○   Ensure CSP is effective against XSS attacks   ⌄

PASSED AUDITS (12)   Show

NOT APPLICABLE (2)   Show

70

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.

MOBILE FRIENDLY

⚠ Does not have a `<meta name="viewport">` tag with `width` or `initial-scale` No \`<meta name="viewport">\` tag found ⌄

Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the content pages. Learn more.

CONTENT BEST PRACTICES

⚠ Document does not have a meta description ⌄

⚠ 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 (7)   Show

NOT APPLICABLE (4)   Show

PWA

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` ⌄

⚠ 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 ⌄

▲ Does not have a `<meta name="viewport">` tag with `width` or `initial-scale` No `<meta name="viewport">` tag found ⌄

▲ Does not provide a valid `apple-touch-icon` ⌄

▲ 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 Mar 21, 2022, 12:49 PM GMT
Initial page load

Emulated Desktop with Lighthouse 9.2.0
Custom throttling

Single page load

Using Chromium 99.0.4844.74 with devtools

Generated by **Lighthouse** 9.2.0 | [File an issue](#)