https://www.carbonmark.com/projects?layout=grid&sort=recently-updated



80







Performance

Accessibility

Best Practices

SEO

PWA



Performance

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



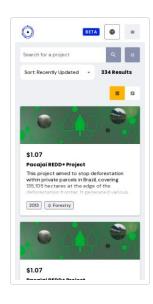
0-49



50-89



90-100



METRICS Expand view

▲ First Contentful Paint

3.0 s

▲ Total Blocking Time

6,010 ms

▲ Speed Index

6.2 s

▲ Largest Contentful Paint

10.4 s

Cumulative Layout Shift

0.001













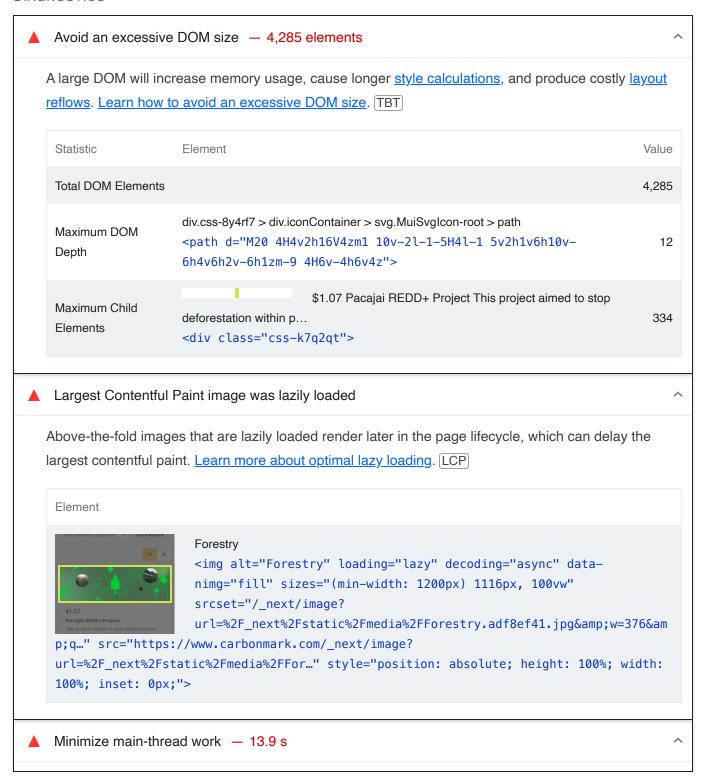






Show audits relevant to: All FCP LCP TBT CLS

DIAGNOSTICS



Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn how to minimize main-thread work TBT</u>

Category	Time Spent
Script Evaluation	9,087 ms
Style & Layout	1,936 ms
Garbage Collection	1,282 ms
Other	915 ms
Rendering	403 ms
Script Parsing & Compilation	160 ms
Parse HTML & CSS	70 ms

▲ Reduce JavaScript execution time — 9.1 s

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn how to reduce Javascript execution time</u>. [TBT]

✓ Show 3rd-party resources (4)

URL	Total CPU Time	Script Evaluation	Script Parse
carbonmark.com 1st Party	12,236 ms	8,483 ms	66 ms
chunks/framework-c4ee28b13318e8e4.js (www.carbonmark.com)	7,727 ms	6,750 ms	10 ms
/projects?layout=grid&sort=recently-updated (www.carbonmark.com)	2,647 ms	13 ms	4 ms
pages/_app-332040b9c24f1848.js (www.carbonmark.com)	943 ms	826 ms	33 ms
pages/projects-3d9d66425b1f8f04.js (www.carbonmark.com)	590 ms	586 ms	3 ms
pages/index-c2f20164af439edd.js (www.carbonmark.com)	114 ms	108 ms	5 ms
chunks/main-fb1339a0c11a5086.js (www.carbonmark.com)	111 ms	98 ms	8 ms
projects/%5Bproject_id%5D- 1beb9f6eb1f3fc3e.js (www.carbonmark.com)	105 ms	103 ms	2 ms
Unattributable	958 ms	75 ms	0 ms
Unattributable	958 ms	75 ms	0 ms

URL	Total CPU Time	Script Evaluation	Script Parse
Google Tag Manager Tag-Manager	370 ms	336 ms	29 ms
/gtag/js?id=G- Q5W7VLNFV8&I=dataLayer&cx=c (www.googletagmanager.com)	248 ms	230 ms	17 ms
/gtm.js?id=GTM-PN73CG3 (www.googletagmanager.com)	122 ms	106 ms	13 ms
Hubspot Marketing	158 ms	135 ms	14 ms
/collectedforms.js (js-eu1.hscollectedforms.net)	108 ms	91 ms	10 ms
170/26010207.js (js-eu1.hs-analytics.net)	51 ms	44 ms	4 ms
			·

▲ Eliminate render-blocking resources — Potential savings of 1,600 ms

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. <u>Learn how to eliminate render-blocking resources</u>. FCP LCP

Use the next/script component to defer loading of non-critical third-party scripts. Learn more.

URL	Transfer Size	Potential Savings
Google Fonts Cdn	1.2 KiB	760 ms
/css2?family= (fonts.googleapis.com)	1.2 KiB	760 ms

▲ Reduce unused JavaScript — Potential savings of 248 KiB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity. Learn how to reduce unused JavaScript. LCP

NEXT. Use Webpack Bundle Analyzer to detect unused JavaScript code. Learn more

✓ Show 3rd-party resources (2)

URL	Transfer Size	Potential Savings
carbonmark.com 1st Party	296.3 KiB	186.1 KiB
pages/_app-332040b9c24f1848.js (www.carbonmark.com)	168.9 KiB	86.1 KiB

URL	Transfer Size	Potential Savings
pages/index-c2f20164af439edd.js (www.carbonmark.com)	60.5 KiB	47.4 KiB
chunks/5555-ebe3693ea25945e0.js (www.carbonmark.com)	35.2 KiB	29.1 KiB
projects/%5Bproject_id%5D-1beb9f6eb1f3fc3e.js (www.carbonmark.com)	31.7 KiB	23.5 KiB
Google Tag Manager Tag-Manager	152.3 KiB	61.6 KiB
/gtag/js?id=G-Q5W7VLNFV8&I=dataLayer&cx=c (www.googletagmanager.com)	89.9 KiB	31.9 KiB
/gtm.js?id=GTM-PN73CG3 (www.googletagmanager.com)	62.4 KiB	29.7 KiB

■ Serve static assets with an efficient cache policy — 5 resources found

A long cache lifetime can speed up repeat visits to your page. <u>Learn more about efficient cache policies</u>.

Configure caching for immutable assets and Server-side Rendered (SSR) pages. <u>Learn</u> more.

URL	Cache TTL	Transfer Size
Hubspot Marketing		68 KiB
/26010207.js (js-eu1.hs-scripts.com)	30s	1 KiB
/collectedforms.js (js-eu1.hscollectedforms.net)	5m	26 KiB
170/26010207.js (js-eu1.hs-analytics.net)	5m	21 KiB
26010207/banner.js (js-eu1.hs-banner.com)	5m	20 KiB
Lucky Orange Analytics		5 KiB
/core/lo.js?site-id=96a45e35 (tools.luckyorange.com)	1h	5 KiB

O Avoid chaining critical requests — 4 chains found

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load. <u>Learn how to avoid chaining critical requests</u>. FCP

Maximum critical path latency: 2,323.494 ms

Initial N	Navigation
	/projects?layout=grid&sort=recently-updated (www.carbonmark.com)
	/css2?family= (fonts.googleapis.com)
	v14/rP2tp2ywxwoff2 (fonts.gstatic.com) - 8.272 ms, 14.54 KiB
	v20/pxiByp8kvwoff2 (fonts.gstatic.com) - 13.694 ms, 8.42 KiB
	v14/rP2tp2ywxwoff2 (fonts.gstatic.com) - 10.928 ms, 7.91 KiB
	v20/pxiByp8kvwoff2 (fonts.gstatic.com) - 10.69 ms, 8.60 KiB

○ User Timing marks and measures — 12 user timings

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences. <u>Learn more about User Timing marks</u>.

Consider using Next.js Analytics to measure your app's real-world performance. <u>Learn</u> more.

Name	Туре	Start Time	Duration
Next.js-before-hydration	Measure	0.00 ms	767.21 ms
Next.js-hydration	Measure	767.21 ms	26.62 ms
Next.js-route-change-to-render	Measure	1,936.89 ms	261.42 ms
Next.js-render	Measure	2,198.31 ms	1,023.14 ms
beforeRender	Mark	767.21 ms	
routeChange	Mark	793.31 ms	
afterHydrate	Mark	793.82 ms	
beforeRender	Mark	795.63 ms	
afterRender	Mark	1,927.45 ms	
routeChange	Mark	1,936.89 ms	
beforeRender	Mark	2,198.31 ms	
afterRender	Mark	3,221.45 ms	

○ Largest Contentful Paint element — 10,390 ms

This is the largest contentful element painted within the viewport. <u>Learn more about the Largest Contentful Paint element [LCP]</u>

Element



Forestry

<img alt="Forestry" loading="lazy" decoding="async" datanimg="fill" sizes="(min-width: 1200px) 1116px, 100vw" srcset="/_next/image?

url=%2F_next%2Fstatic%2Fmedia%2FForestry.adf8ef41.jpg&w=376&am

p;q..." src="https://www.carbonmark.com/_next/image?

url=%2F_next%2Fstatic%2Fmedia%2FFor..." style="position: absolute; height: 100%; width:
100%; inset: 0px;">

Phase	% of LCP	Timing
TTFB	6%	630 ms
Load Delay	81%	8,370 ms
Load Time	2%	180 ms
Render Delay	12%	1,220 ms

○ Avoid large layout shifts — 5 elements found

These DOM elements contribute most to the CLS of the page. Learn how to improve CLS CLS

Element CLS Contribution



\$1.07

0.000



\$1.07

0.000



Pacajai REDD+ Project

0.000

0.000



Pacajai REDD+ Project



O Avoid long main-thread tasks — 20 long tasks found

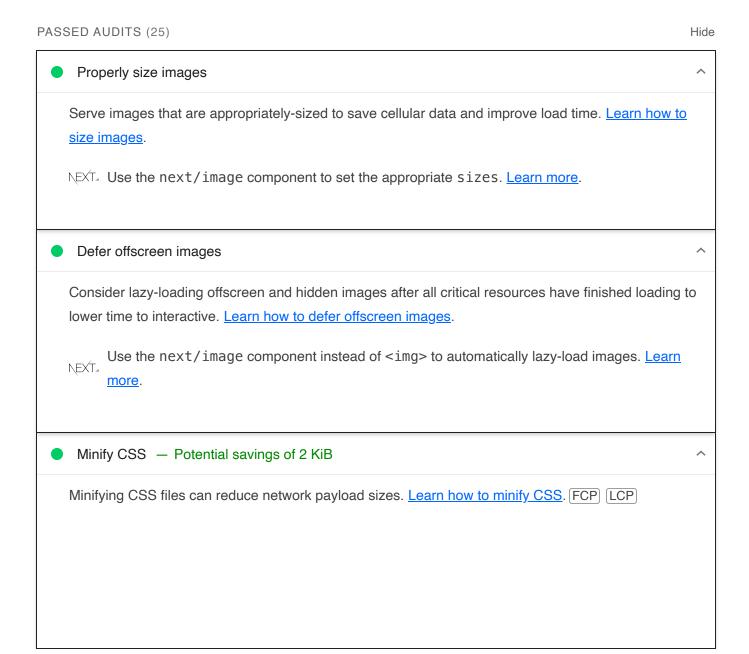
Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay. <u>Learn how to avoid long main-thread tasks</u> (TBT)

✓ Show 3rd-party resources (1)

URL	Start Time	Duration
carbonmark.com 1st Party		7,585 ms
chunks/framework-c4ee28b13318e8e4.js (www.carbonmark.com)	9,176 ms	1,264 ms
pages/_app-332040b9c24f1848.js (www.carbonmark.com)	7,241 ms	942 ms
chunks/framework-c4ee28b13318e8e4.js (www.carbonmark.com)	5,310 ms	803 ms
chunks/7741-84c2ef2d016b2dfc.js (www.carbonmark.com)	8,428 ms	591 ms
chunks/framework-c4ee28b13318e8e4.js (www.carbonmark.com)	6,135 ms	573 ms
chunks/framework-c4ee28b13318e8e4.js (www.carbonmark.com)	6,708 ms	533 ms
chunks/framework-c4ee28b13318e8e4.js (www.carbonmark.com)	3,366 ms	507 ms
/projects?layout=grid&sort=recently-updated (www.carbonmark.com)	1,858 ms	485 ms
/projects?layout=grid&sort=recently-updated (www.carbonmark.com)	2,343 ms	337 ms
/projects?layout=grid&sort=recently-updated (www.carbonmark.com)	4,128 ms	312 ms
chunks/framework-c4ee28b13318e8e4.js (www.carbonmark.com)	5,053 ms	257 ms
/projects?layout=grid&sort=recently-updated (www.carbonmark.com)	4,667 ms	194 ms
/projects?layout=grid&sort=recently-updated (www.carbonmark.com)	4,492 ms	175 ms
pages/index-c2f20164af439edd.js (www.carbonmark.com)	11,527 ms	114 ms
projects/%5Bproject_id%5D-1beb9f6eb1f3fc3e.js (www.carbonmark.com)	11,173 ms	105 ms

URL	Start Time	Duration
chunks/framework-c4ee28b13318e8e4.js (www.carbonmark.com)	2,848 ms	103 ms
chunks/framework-c4ee28b13318e8e4.js (www.carbonmark.com)	2,680 ms	101 ms
/projects?layout=grid&sort=recently-updated (www.carbonmark.com)	1,393 ms	96 ms
chunks/framework-c4ee28b13318e8e4.js (www.carbonmark.com)	3,095 ms	93 ms
Google Tag Manager Tag-Manager		187 ms
/gtag/js?id=G-Q5W7VLNFV8&I=dataLayer&cx=c (www.googletagmanager.com)	8,183 ms	187 ms

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



URL	Transfer Size	Potential Savings
<pre>.css-1q5n3bf { display: block; font-size: 0px; color: var(klima-green); }</pre>	19.4 KiB	2.0 KiB

Minify JavaScript

Minifying JavaScript files can reduce payload sizes and script parse time. <u>Learn how to minify</u> <u>JavaScript</u>. FCP [LCP]

● Reduce unused CSS — Potential savings of 17 KiB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity. <u>Learn how to reduce unused CSS</u>. FCP [LCP]

Consider setting up PurgeCSS in Next.js configuration to remove unused rules from stylesheets. Learn more.

URL	Transfer Size	Potential Savings
<pre>.css-1q5n3bf { display: block; font-size: 0px; color: var(klima-green); }</pre>	19.4 KiB	16.8 KiB

Efficiently encode images

Optimized images load faster and consume less cellular data. Learn how to efficiently encode images.

NEXT. Use the next/image component instead of to adjust image quality. Learn more.

Serve images in next-gen formats

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. <u>Learn more about modern image formats</u>.

Use the next/image component instead of to automatically optimize image format. Learn more.

Enable text compression

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. <u>Learn more about text compression</u>. FCP [LCP]

NEXT. Enable compression on your Next.js server. Learn more.

Preconnect to required origins

Consider adding preconnect or dns-prefetch resource hints to establish early connections to important third-party origins. Learn how to preconnect to required origins. FCP [LCP]

● Initial server response time was short — Root document took 30 ms

Keep the server response time for the main document short because all other requests depend on it.

<u>Learn more about the Time to First Byte metric.</u> FCP LCP

URL

carbonmark.com 1st Party

30 ms

/projects?layout=grid&sort=recently-updated (www.carbonmark.com)

30 ms

Avoid multiple page redirects

Redirects introduce additional delays before the page can be loaded. <u>Learn how to avoid page</u> <u>redirects</u>. FCP <u>LCP</u>

Preload key requests

Consider using rel=preload> to prioritize fetching resources that are currently requested later in page load. <u>Learn how to preload key requests</u>. FCP [LCP]

Use video formats for animated content

Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes. <u>Learn more about efficient video formats [LCP]</u>

Remove duplicate modules in JavaScript bundles

Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by network activity. TBT

Avoid serving legacy JavaScript to modern browsers — Potential savings of 9 KiB

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browsers. Learn how to use modern JavaScript TBT

URL		Potential Savings
carbonmark.com 1st Party		8.5 KiB
pages/_app-332040b9c24f1848.js (www.carbonmark.com)		8.5 KiB
pages/_app- 332040b9c24f1848.js:1:307833 (www.carbonmark.com)	Array.isArray	
pages/_app-	@babel/plugin-	
332040b9c24f1848.js:632:11799 (www.carbonmark.com)	transform-classes	
chunks/main-fb1339a0c11a5086.js (www.carbonmark.com)		0.0 KiB
chunks/main-	@babel/plugin-	
fb1339a0c11a5086.js:1:125299 (www.carbonmark.com)	transform-classes	

Preload Largest Contentful Paint image

If the LCP element is dynamically added to the page, you should preload the image in order to improve LCP. Learn more about preloading LCP elements. LCP

NEXT. Use the next/image component and set "priority" to true to preload LCP image. Learn more.

Avoids enormous network payloads — Total size was 1,205 KiB

Large network payloads cost users real money and are highly correlated with long load times. <u>Learn</u> how to reduce payload sizes. <u>[LCP]</u>

✓ Show 3rd-party resources (2)

URL	Transfer Size
carbonmark.com 1st Party	608.0 KiB
pages/_app-332040b9c24f1848.js (www.carbonmark.com)	168.9 KiB
/projects?layout=grid&sort=recently-updated (www.carbonmark.com)	89.6 KiB
/projects (v4.0.0.api.carbonmark.com)	77.9 KiB
/projects?layout=grid&sort=recently-updated (v4.0.0.api.carbonmark.com)	77.9 KiB
/projects?layout=grid&sort=recently-updated (v4.0.0.api.carbonmark.com)	77.9 KiB
chunks/framework-c4ee28b13318e8e4.js (www.carbonmark.com)	46.7 KiB
chunks/main-fb1339a0c11a5086.js (www.carbonmark.com)	41.5 KiB
chunks/c78d26b1-fe043233b220ebfb.js (www.carbonmark.com)	27.8 KiB
Google Tag Manager Tag-Manager	152.3 KiB
/gtag/js?id=G-Q5W7VLNFV8&l=dataLayer&cx=c (www.googletagmanager.com)	89.9 KiB
/gtm.js?id=GTM-PN73CG3 (www.googletagmanager.com)	62.4 KiB

All text remains visible during webfont loads

Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. <u>Learn more about font-display</u>. [FCP] [LCP]

Minimize third-party usage — Third-party code blocked the main thread for 130 ms

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading. <u>Learn how to minimize third-party impact</u>. (TBT)

Third-Party	Transfer Size	Main-Thread Blocking Time
Google Tag Manager Tag-Manager	152 KiB	126 ms
/gtag/js?id=G- Q5W7VLNFV8&I=dataLayer&cx=c (www.googletagmanager.com)	90 KiB	114 ms
/gtm.js?id=GTM-PN73CG3 (www.googletagmanager.com)	62 KiB	11 ms

Third-Party	Transfer Size	Main-Thread Blocking Time
Hubspot Marketing	71 KiB	0 ms
/collectedforms.js (js-eu1.hscollectedforms.net)	26 KiB	0 ms
170/26010207.js (js-eu1.hs-analytics.net)	21 KiB	0 ms
26010207/banner.js (js-eu1.hs-banner.com)	20 KiB	0 ms
Other resources	4 KiB	0 ms
Google Fonts Cdn	41 KiB	0 ms
v14/rP2tp2ywxwoff2 (fonts.gstatic.com)	15 KiB	0 ms
v20/pxiByp8kvwoff2 (fonts.gstatic.com)	9 KiB	0 ms
v20/pxiByp8kvwoff2 (fonts.gstatic.com)	8 KiB	0 ms
v14/rP2tp2ywxwoff2 (fonts.gstatic.com)	8 KiB	0 ms
Lucky Orange Analytics	6 KiB	0 ms
/core/lo.js?site-id=96a45e35 (tools.luckyorange.com)	5 KiB	0 ms
polygon-rpc.com	3 KiB	0 ms
Plausible (Analytics)	3 KiB	0 ms
Google Analytics Analytics	0 KiB	0 ms

Lazy load third-party resources with facades

Some third-party embeds can be lazy loaded. Consider replacing them with a facade until they are required. <u>Learn how to defer third-parties with a facade</u>. <u>TBT</u>

Uses passive listeners to improve scrolling performance

Consider marking your touch and wheel event listeners as passive to improve your page's scroll performance. <u>Learn more about adopting passive event listeners</u>.

Avoids document.write()

For users on slow connections, external scripts dynamically injected via document.write() can delay page load by tens of seconds. <u>Learn how to avoid document.write()</u>.

Avoid non-composited animations

Animations which are not composited can be janky and increase CLS. <u>Learn how to avoid non-composited animations</u> CLS

Image elements have explicit width and height

Set an explicit width and height on image elements to reduce layout shifts and improve CLS. <u>Learn</u> how to set image dimensions <u>CLS</u>

Use the next/image component to make sure images are always sized appropriately. <u>Learn</u> more.

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

A <meta name="viewport"> not only optimizes your app for mobile screen sizes, but also prevents a 300 millisecond delay to user input. Learn more about using the viewport meta tag. TBT



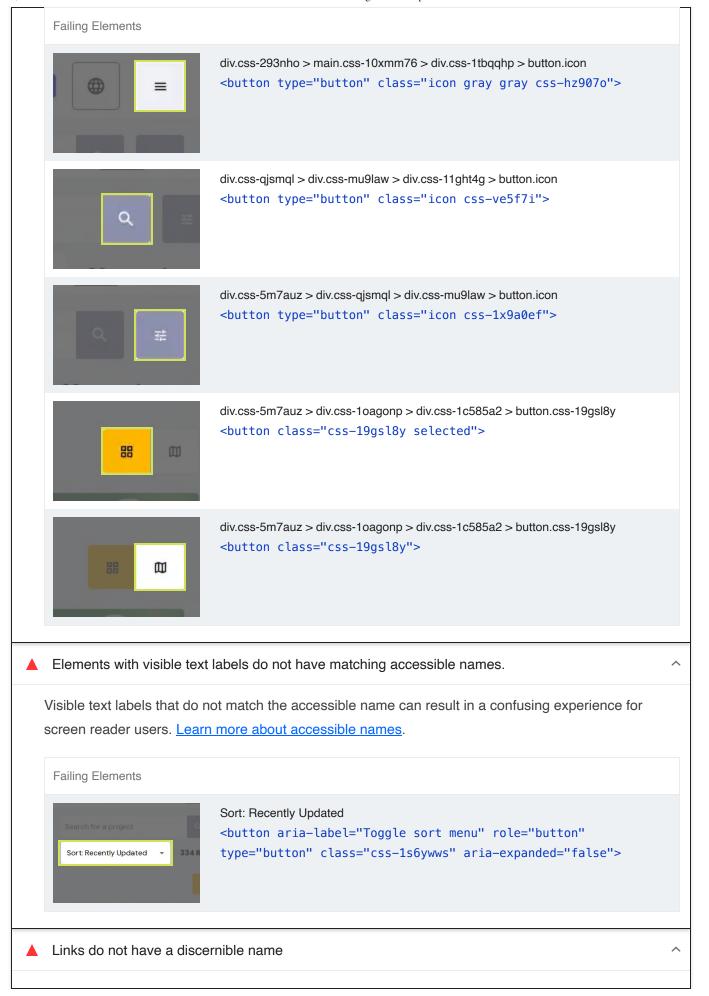
Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so manual testing is also encouraged.

NAMES AND LABELS

▲ Buttons do not have an accessible name

When a button doesn't have an accessible name, screen readers announce it as "button", making it unusable for users who rely on screen readers. <u>Learn how to make buttons more accessible</u>.



Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. <u>Learn how to make links accessible</u>.

Failing Elements



div.css-293nho > main.css-10xmm76 > div.css-1tbqqhp > a.css-16ovu6e

main.css-10xmm76 > footer.css-wjgcok > nav.css-27g2c2 > a

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.

CONTRAST

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

Low-contrast text is difficult or impossible for many users to read. <u>Learn how to provide sufficient color contrast</u>.

Failing Elements

Privacy Policy

Privacy Policy Terms of Use Help Resources KlimaDAO Contact

<footer class="css-wjgcok">

Terms of Use

Privacy Policy Terms of Use Help Resources KlimaDAO Contact

<footer class="css-wjgcok">

Help

Privacy Policy Terms of Use Help Resources KlimaDAO Contact

<footer class="css-wjgcok">

Resources

Privacy Policy Terms of Use Help Resources KlimaDAO Contact

Failing Elements <footer class="css-wjgcok"> KlimaDAO Privacy Policy Terms of Use Help Resources KlimaDAO Contact <footer class="css-wjgcok"> Contact Privacy Policy Terms of Use Help Resources KlimaDAO Contact <footer class="css-wjgcok">

These are opportunities to improve the legibility of your content.

Interactive controls are keyboard focusable

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Hide

Custom interactive controls are keyboard focusable and display a focus indicator. Learn how to make custom controls focusable. Interactive elements indicate their purpose and state

Interactive elements, such as links and buttons, should indicate their state and be distinguishable from non-interactive elements. Learn how to decorate interactive elements with affordance hints.

The page has a logical tab order

Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. Learn more about logical tab ordering.

Visual order on the page follows DOM order

DOM order matches the visual order, improving navigation for assistive technology. Learn more about DOM and visual ordering.

User focus is not accidentally trapped in a region

A user can tab into and out of any control or region without accidentally trapping their focus. Learn how to avoid focus traps.

The user's focus is directed to new content added to the page

If new content, such as a dialog, is added to the page, the user's focus is directed to it. Learn how to direct focus to new content.

OHTML5 landmark elements are used to improve navigation

ALL Landmark elements (<main>, <nav>, etc.) are used to improve the keyboard navigation of the page for assistive technology. Learn more about landmark elements.

Offscreen content is hidden from assistive technology

Offscreen content is hidden with display: none or aria-hidden=true. Learn how to properly hide offscreen content.

Custom controls have associated labels

Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. Learn more about custom controls and labels.

These items address areas which an automated testing tool cannot cover. Learn more in our guide on <u>conducting an</u> accessibility review.

PASSED AUDITS (16)

Custom interactive controls have appropriate ARIA roles. <u>Learn how to add roles to custom controls</u>.

■ [aria-*] attributes match their roles

Custom controls have ARIA roles

Each ARIA role supports a specific subset of aria-* attributes. Mismatching these invalidates the aria-* attributes. Learn how to match ARIA attributes to their roles.

[aria-hidden="true"] is not present on the document <body>

Assistive technologies, like screen readers, work inconsistently when aria-hidden="true" is set on the document <body>. Learn how aria-hidden affects the document body.

[role]s have all required [aria-*] attributes

Some ARIA roles have required attributes that describe the state of the element to screen readers. <u>Learn more about roles and required attributes</u>.

[aria-*] attributes have valid values

Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. <u>Learn</u> more about valid values for ARIA attributes.

[aria-*] attributes are valid and not misspelled

Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. <u>Learn</u> more about valid ARIA attributes.

ARIA IDs are unique

The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. <u>Learn how to fix duplicate ARIA IDs.</u>

Image elements have [alt] attributes

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. <u>Learn more about the alt attribute</u>.

[user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 5.

Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. <u>Learn more about the viewport meta tag.</u>

• [aria-hidden="true"] elements do not contain focusable descendents

Focusable descendents within an [aria-hidden="true"] element prevent those interactive elements from being available to users of assistive technologies like screen readers. <u>Learn how aria-hidden affects focusable elements</u>.

[role] values are valid

ARIA roles must have valid values in order to perform their intended accessibility functions. <u>Learn</u> more about valid ARIA roles.

Document has a <title> element

The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. <u>Learn more about document titles</u>.

<html> element has a [lang] attribute

If a page doesn't specify a lang attribute, a screen reader assumes that the page is in the default language that the user chose when setting up the screen reader. If the page isn't actually in the default language, then the screen reader might not announce the page's text correctly. Learn more about the language.

<html> element has a valid value for its [lang] attribute

Specifying a valid <u>BCP 47 language</u> helps screen readers announce text properly. <u>Learn how to use the lang attribute</u>.

Form elements have associated labels

Labels ensure that form controls are announced properly by assistive technologies, like screen readers. Learn more about form element labels.

Values assigned to role="" are valid ARIA roles.

ARIA roles enable assistive technologies to know the role of each element on the web page. If the role values are misspelled, not existing ARIA role values, or abstract roles, then the purpose of the element will not be communicated to users of assistive technologies. Learn more about ARIA roles.

Image elements do not have [alt] attributes that are redundant text.

Informative elements should aim for short, descriptive alternative text. Alternative text that is exactly the same as the text adjacent to the link or image is potentially confusing for screen reader users, because the text will be read twice. Learn more about the alt attribute.

NOT APPLICABLE (41) Hide [accesskey] values are unique Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. Learn more about access keys. O button, link, and menuitem elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn how to make command elements more accessible. Elements with role="dialog" or role="alertdialog" have accessible names. ARIA dialog elements without accessible names may prevent screen readers users from discerning the purpose of these elements. Learn how to make ARIA dialog elements more accessible. ARIA input fields have accessible names When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more about input field labels. ARIA meter elements have accessible names When a meter element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn how to name meter elements. ARIA progressbar elements have accessible names When a progressbar element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn how to label

progressbar elements.

	Elements with an ARIA [role] that require children to contain a specific [role] have all required children.	^
	Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more about roles and required children elements.	
0	[role]s are contained by their required parent element	^
	Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. Learn more about ARIA roles and required parent element.	
0	Elements with the role=text attribute do not have focusable descendents.	^
	Adding role=text around a text node split by markup enables VoiceOver to treat it as one phrase, but the element's focusable descendents will not be announced. Learn more about the role=text attribute.	
0	ARIA toggle fields have accessible names	^
	When a toggle field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more about toggle fields</u> .	
0	ARIA tooltip elements have accessible names	^
	ARIA tooltip elements have accessible names When a tooltip element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn how to name tooltip elements.	^
0	When a tooltip element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn how to name tooltip	^
	When a tooltip element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn how to name tooltip elements.	^
	When a tooltip element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn how to name tooltip elements. ARIA treeitem elements have accessible names When a treeitem element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more about labeling	^
	When a tooltip element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn how to name tooltip elements. ARIA treeitem elements have accessible names When a treeitem element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more about labeling treeitem elements.	^

When an image is being used as an <input/> button, providing alternative text can help screen reade users understand the purpose of the button. Learn about input image alt text.	er
Links are distinguishable without relying on color.	^
Low-contrast text is difficult or impossible for many users to read. Link text that is discernible improves the experience for users with low vision. Learn how to make links distinguishable.	S
O Lists contain only elements and script supporting elements (<script> and <template>).</td><td>^</td></tr><tr><td>Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. Learn more about proper list structure.</td><td></td></tr><tr><td>O List items () are contained within , or <menu> parent elements</td><td>^</td></tr><tr><td>Screen readers require list items () to be contained within a parent , or <menu> to be announced properly. Learn more about proper list structure.</td><td>Ө</td></tr><tr><td>The document does not use <meta http-equiv="refresh"></td><td>^</td></tr><tr><td>Users do not expect a page to refresh automatically, and doing so will move focus back to the top of the page. This may create a frustrating or confusing experience. Learn more about the refresh meta tag.</td><td></td></tr><tr><td>O <object> elements have alternate text</td><td>^</td></tr><tr><td>Screen readers cannot translate non-text content. Adding alternate text to <object> elements helps screen readers convey meaning to users. Learn more about alt text for object elements.</td><td>;</td></tr><tr><td>Select elements have associated label elements.</td><td>^</td></tr><tr><td>Form elements without effective labels can create frustrating experiences for screen reader users. <u>Learn more about the select element</u>.</td><td></td></tr><tr><td>O Skip links are focusable.</td><td>^</td></tr><tr><td>Including a skip link can help users skip to the main content to save time. Learn more about skip links</td><td><u>3</u>.</td></tr><tr><td>O No element has a [tabindex] value greater than 0</td><td>^</td></tr><tr><td>A value greater than 0 implies an explicit navigation ordering. Although technically valid, this often creates frustrating experiences for users who rely on assistive technologies. Learn more about the</td><td></td></tr></tbody></table></script>	

tabindex attribute.	
 Tables have different content in the summary attribute and <caption>.</caption> 	^
The summary attribute should describe the table structure, while <caption> should have the onscreen title. Accurate table mark-up helps users of screen readers. Learn more about summary caption.</caption>	<u>r and</u>
O Tables use <caption> instead of cells with the [colspan] attribute to indicate a caption.</caption>	^
Screen readers have features to make navigating tables easier. Ensuring that tables use the actual caption element instead of cells with the <code>[colspan]</code> attribute may improve the experience for screader users. Learn more about captions.	
O elements in a large have one or more table headers.	^
Screen readers have features to make navigating tables easier. Ensuring that elements in a large table (3 or more cells in width and height) have an associated table header may improve the experience for screen reader users. Learn more about table headers.	
Cells in a element that use the [headers] attribute refer to table cells within the same table.	^
Screen readers have features to make navigating tables easier. Ensuring cells using the [headers] attribute only refer to other cells in the same table may improve the experience for so reader users. Learn more about the headers attribute.	creen
elements and elements with [role="columnheader"/"rowheader"] have data cells they describe.	^
Screen readers have features to make navigating tables easier. Ensuring table headers always re some set of cells may improve the experience for screen reader users. Learn more about table headers.	efer to
O [lang] attributes have a valid value	^
Specifying a valid <u>BCP 47 language</u> on elements helps ensure that text is pronounced correctly by screen reader. <u>Learn how to use the lang attribute</u> .	у а
O <video> elements contain a <track/> element with [kind="captions"]</video>	^

When a video provides a caption it is easier for deaf and hearing impaired users to access its information. <u>Learn more about video captions</u>.

All heading elements contain content.

A heading with no content or inaccessible text prevent screen reader users from accessing information on the page's structure. <u>Learn more about headings</u>.

Identical links have the same purpose.

Links with the same destination should have the same description, to help users understand the link's purpose and decide whether to follow it. <u>Learn more about identical links</u>.

Document has a main landmark.

One main landmark helps screen reader users navigate a web page. Learn more about landmarks.

Touch targets have sufficient size and spacing.

Touch targets with sufficient size and spacing help users who may have difficulty targeting small controls to activate the targets. <u>Learn more about touch targets</u>.



TRUST AND SAFETY

Ensure CSP is effective against XSS attacks

A strong Content Security Policy (CSP) significantly reduces the risk of cross-site scripting (XSS) attacks. Learn how to use a CSP to prevent XSS

Description	Directive	Severity
script-src directive is missing. This can allow the execution of unsafe scripts.	script-src	High
Missing object-src allows the injection of plugins that execute unsafe scripts. Consider setting object-src to 'none' if you can.	object-src	High

GENERAL

Detected JavaScript lib	raries	
All front-end JavaScript	ibraries detected on the page. <u>Learn more about this JavaScript lit</u>	<u>orary</u>
Name	Version	
Next.js	13.5.6	
Lo-Dash	4.17.21	
core-js	core-js-global@3.0.1	

PASSED AUDITS (13)

Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding <u>mixed content</u>, where some resources are loaded over HTTP despite the initial request being served over HTTPS. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. <u>Learn more about HTTPS</u>.

Avoids deprecated APIs

Deprecated APIs will eventually be removed from the browser. Learn more about deprecated APIs.

Allows users to paste into input fields

Preventing input pasting is a bad practice for the UX, and weakens security by blocking password managers. Learn more about user-friendly input fields.

Avoids requesting the geolocation permission on page load

Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user action instead. <u>Learn more about the geolocation permission</u>.

Avoids requesting the notification permission on page load

Users are mistrustful of or confused by sites that request to send notifications without context.

Consider tying the request to user gestures instead. <u>Learn more about responsibly getting permission</u> for notifications.

Displays images with correct aspect ratio

Image display dimensions should match natural aspect ratio. Learn more about image aspect ratio.

Serves images with appropriate resolution

Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. <u>Learn how to provide responsive images</u>.

Page has the HTML doctype

Specifying a doctype prevents the browser from switching to quirks-mode. <u>Learn more about the doctype declaration</u>.

Properly defines charset

A character encoding declaration is required. It can be done with a <meta> tag in the first 1024 bytes of the HTML or in the Content-Type HTTP response header. <u>Learn more about declaring the character encoding</u>.

Avoids unload event listeners

The unload event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Cache. Use pagehide or visibilitychange events instead. <u>Learn more about unload event listeners</u>

No browser errors logged to the console

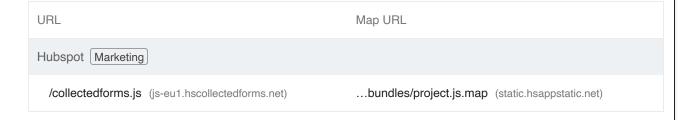
Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns. <u>Learn more about this errors in console diagnostic audit</u>

No issues in the Issues panel in Chrome Devtools

Issues logged to the Issues panel in Chrome Devtools indicate unresolved problems. They can come from network request failures, insufficient security controls, and other browser concerns. Open up the Issues panel in Chrome DevTools for more details on each issue.

Page has valid source maps

Source maps translate minified code to the original source code. This helps developers debug in production. In addition, Lighthouse is able to provide further insights. Consider deploying source maps to take advantage of these benefits. Learn more about source maps.



NOT APPLICABLE (1) Hide

Fonts with font-display: optional are preloaded

Preload optional fonts so first-time visitors may use them. Learn more about preloading fonts



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.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Hide

Structured data is valid

^

Run the <u>Structured Data Testing Tool</u> and the <u>Structured Data Linter</u> to validate structured data. <u>Learn more about Structured Data</u>.

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

PASSED AUDITS (13)

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

A <meta name="viewport"> not only optimizes your app for mobile screen sizes, but also prevents a 300 millisecond delay to user input. Learn more about using the viewport meta tag. TBT

Document has a <title> element

^

The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. <u>Learn more about document titles</u>.

Document has a meta description

Meta descriptions may be included in search results to concisely summarize page content. <u>Learn more about the meta description</u>.

Page has successful HTTP status code

/

Pages with unsuccessful HTTP status codes may not be indexed properly. <u>Learn more about HTTP</u> status codes.

Links have descriptive text

Descriptive link text helps search engines understand your content. <u>Learn how to make links more</u> accessible.

Links are crawlable

Search engines may use href attributes on links to crawl websites. Ensure that the href attribute of anchor elements links to an appropriate destination, so more pages of the site can be discovered. Learn how to make links crawlable

Page isn't blocked from indexing

Search engines are unable to include your pages in search results if they don't have permission to crawl them. Learn more about crawler directives.

Image elements have [alt] attributes

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. <u>Learn more about the alt attribute</u>.

Document has a valid hreflang

hreflang links tell search engines what version of a page they should list in search results for a given language or region. Learn more about hreflang.

Document has a valid rel=canonical

Canonical links suggest which URL to show in search results. Learn more about canonical links.

■ Document uses legible font sizes — 100% legible text

Font sizes less than 12px are too small to be legible and require mobile visitors to "pinch to zoom" in order to read. Strive to have >60% of page text ≥12px. <u>Learn more about legible font sizes</u>.

Source Selector % of Page Text Font Size

Legible text 100.00% ≥ 12px

Document avoids plugins

Search engines can't index plugin content, and many devices restrict plugins or don't support them. <u>Learn more about avoiding plugins</u>.

Tap targets are sized appropriately — 100% appropriately sized tap targets

Interactive elements like buttons and links should be large enough (48x48px), or have enough space around them, to be easy enough to tap without overlapping onto other elements. <u>Learn more about tap targets</u>.

NOT APPLICABLE (1)

robots.txt is valid

If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed. <u>Learn more about robots.txt</u>.



PWA

These checks validate the aspects of a Progressive Web App. <u>Learn what</u> makes a good Progressive Web App.

+ INSTALLABLE

Web app manifest and service worker meet the installability requirements

Service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. With proper service worker and manifest implementations, browsers can proactively prompt users to add your app to their homescreen, which can lead to higher engagement. <u>Learn more about manifest installability requirements</u>.

PWA OPTIMIZED

▲ Is not configured for a custom splash screen Failures: Manifest does not have `name`.

A themed splash screen ensures a high-quality experience when users launch your app from their homescreens. <u>Learn more about splash screens</u>.

Sets a theme color for the address bar.

The browser address bar can be themed to match your site. <u>Learn more about theming the address</u> bar.

Content is sized correctly for the viewport

If the width of your app's content doesn't match the width of the viewport, your app might not be optimized for mobile screens. Learn how to size content for the viewport.

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

A <meta name="viewport"> not only optimizes your app for mobile screen sizes, but also prevents a 300 millisecond delay to user input. Learn more about using the viewport meta tag. TBT

▲ Manifest doesn't have a maskable icon

A maskable icon ensures that the image fills the entire shape without being letterboxed when installing the app on a device. <u>Learn about maskable manifest icons</u>.

ADDITIONAL ITEMS TO MANUALLY CHECK (3)

Hide

Site works cross-browser

To reach the most number of users, sites should work across every major browser. <u>Learn about cross-browser compatibility</u>.

O Page transitions don't feel like they block on the network	^
Transitions should feel snappy as you tap around, even on a slow network. This experience is key user's perception of performance. <u>Learn more about page transitions</u> .	to a
O Each page has a URL	^
Ensure individual pages are deep linkable via URL and that URLs are unique for the purpose of shareability on social media. <u>Learn more about providing deep links</u> .	

These checks are required by the baseline <u>PWA Checklist</u> but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

	Emulated Desktop with Lighthouse	Single page session
AST	11.0.0	
(Initial page load	→ Unknown	⊕ Using HeadlessChromium
		120.0.6099.71 with Ir

Generated by Lighthouse 11.0.0 | File an issue