

https://www.gateshead.ac.uk/subjects/digital-technologies





Performance Accessibility

Best Practices **SEO**

PWA



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

1.6 s

Total Blocking Time

520 ms

Speed Index

9.4 s

Largest Contentful Paint

2.1 s

Cumulative Layout Shift

0.179

View Treemap

















Show audits relevant to: All \underline{FCP} \underline{LCP} \underline{TBT} \underline{CLS}

DIAGNOSTICS

▲ Reduce JavaScript execution time − 1.9 s	~
▲ Minimize main-thread work — 3.4 s	~
▲ Reduce the impact of third-party code — Third-party code blocked the main thread for 460 ms	~
▲ Avoid large layout shifts — 5 elements found	~
▲ Eliminate render-blocking resources — Potential savings of 590 ms	~
▲ Reduce initial server response time — Root document took 820 ms	~
▲ Reduce unused CSS — Potential savings of 54 KiB	~
▲ Avoid an excessive DOM size — 911 elements	~
Serve images in next-gen formats — Potential savings of 1,451 KiB	~
Serve static assets with an efficient cache policy — 47 resources found	~
Ensure text remains visible during webfont load	~
Warnings: Lighthouse was unable to automatically check the `font-display` values for the origin https://fonts.gs	tatic.com.
Some third-party resources can be lazy loaded with a facade — 1 facade alternative available	~
Does not use passive listeners to improve scrolling performance	~
Image elements do not have explicit width and height	~
Properly size images — Potential savings of 79 KiB	~
Defer offscreen images — Potential savings of 2 KiB	~
Reduce unused JavaScript — Potential savings of 515 KiB	~

Avoid serving legacy JavaScript to modern browsers — Potential savings of 43 KiB	~
Page prevented back/forward cache restoration — 2 failure reasons	~
Avoid enormous network payloads — Total size was 4,736 KiB	~
 Avoid long main-thread tasks — 11 long tasks found 	~
○ User Timing marks and measures — 8 user timings	~
 Avoid non-composited animations — 1 animated element found 	~
Avoid chaining critical requests — 15 chains found	~
○ Largest Contentful Paint element — 2,130 ms	~
More information about the performance of your application. These numbers don't directly affect the P	Performance score.

Show

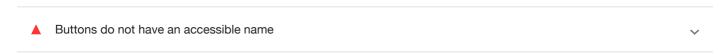


Accessibility

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

PASSED AUDITS (14)



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.

ARIA



These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

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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 (22)

Show

NOT APPLICABLE (35)



Best Practices

GENERAL

▲ Browser errors were logged to the console	~
▲ Issues were logged in the Issues panel in Chrome Devtools	~
O Detected JavaScript libraries	~
TRUST AND SAFETY	
Ensure CSP is effective against XSS attacks	~
PASSED AUDITS (11)	Show
NOT APPLICABLE (1)	Show

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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.

CONTENT BEST PRACTICES

▲ Links do not have descriptive text — 1 link found

~

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

MOBILE FRIENDLY

▲ Tap targets are not sized appropriately — 32% appropriately sized tap targets

~

Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the content pages. <u>Learn how to make pages mobile-friendly</u>.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Show

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

PASSED AUDITS (11)

Show

NOT APPLICABLE (1)

Show



PWA

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

INSTALLABLE

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

~

PWA OPTIMIZED

A	Is not configured for a custom splash screen Failures: No manifest was fetched.	~
A	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	~
A	Manifest doesn't have a maskable icon No manifest was fetched	~
ADD	ITIONAL ITEMS TO MANUALLY CHECK (3)	Show

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.

Captured at Feb 9, 2024, 3:32 PM GMT

Initial page load

Emulated Moto G Power with Lighthouse 11.3.0

Slow 4G throttling

Single page load

Using Chromium 121.0.0.0

with devtools

Generated by Lighthouse 11.3.0 | File an issue

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