https://cs3216-a3-quizard.web.app/login

84	**73**	**100**	**100**	PWA ✓
Performance	Accessibility	Best Practices	SEO	Progressive Web App

0–49	50–89	90–100

84

Performance

Metrics   ☰

First Contentful Paint	3.1 s	First Meaningful Paint	3.1 s
Speed Index	4.3 s	First CPU Idle	3.1 s
Time to Interactive	3.1 s	Max Potential First Input Delay	20 ms

[View Trace]

Values are estimated and may vary. The performance score is based only on these metrics.

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

▲ Ensure text remains visible during webfont load	⌄
Minimize main-thread work — 3.0 s	⌄
Minimize Critical Requests Depth — 5 chains found	⌄
Keep request counts low and transfer sizes small — 12 requests • 263 KB	⌄
Third-Party Usage — 2 Third-Parties Found	⌄

Passed audits (19)   ⌄

73

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.

Navigation — These are opportunities to improve keyboard navigation in your application.

⚠️ The page does not contain a heading, skip link, or landmark region ⌄

Names and labels — 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.

⚠️ Form elements do not have associated labels ⌄

Additional items to manually check (11) — These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](). ⌄

Passed audits (8) ⌄

Not applicable (25) ⌄

100

Best Practices

Passed audits (15) ⌄

100

SEO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may

affect your search ranking. Learn more.

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices. ⌄

Passed audits (9) ⌄

Not applicable (4) ⌄

Progressive Web App

These checks validate the aspects of a Progressive Web App. Learn more.

Fast and reliable

Page load is fast enough on mobile networks	⌄
Current page responds with a 200 when offline	⌄
start_url responds with a 200 when offline	⌄

Installable

Uses HTTPS	⌄
Registers a service worker that controls page and start_url	⌄
Web app manifest meets the installability requirements	⌄

PWA Optimized

Redirects HTTP traffic to HTTPS	⌄
Configured for a custom splash screen	⌄
Sets an address-bar theme color	⌄
Content is sized correctly for the viewport	⌄
Has a `<meta name="viewport">` tag with `width` or `initial-scale`	⌄
Contains some content when JavaScript is not available	⌄
Provides a valid `apple-touch-icon`	⌄

Additional items to manually check (3) — 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.

Runtime Settings

URL	https://cs3216-a3-quizard.web.app/login
Fetch time	Sep 27, 2019, 12:38 PM GMT+8
Device	Emulated Desktop
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
User agent (host)	Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/77.0.3865.75 Safari/537.36
User agent (network)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_13_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	624

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