



Performance

Metrics			- =
 First Contentful Paint 	0.8 s	First Meaningful Paint	0.8 s
Speed Index	1.5 s	First CPU Idle	0.9 s
Time to Interactive	0.9 s	Max Potential First Input Delay	90 ms

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 <u>directly affect</u> the Performance score.

- Avoid chaining critical requests 1 chain found
- Keep request counts low and transfer sizes small 7 requests 23 KB

Passed audits (22)



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.

Contrast — These are opportunities to improve the legibility of your content.

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

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

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

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 <u>conducting an accessibility</u> review.

Passed audits (7)

Not applicable (25)



Best Practices

▲ Does not use HTTP/2 for all of its resources — 6 requests not served via HTTP/2

▲ Browser errors were logged to the console

Passed audits (13)



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. <u>Learn more</u>.

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

▲ Document does not have a meta description	~
Document does not have a valid rel=canonical Points to a different domain (https://weather-pwa-sample.firebaseapp.com/final/)	~
Additional items to manually check (1) — Run these additional validators on your site check additional SEO best practices.	; to ✓
Passed audits (9)	~
Not applicable (2)	~

Progressive Web App

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

Ø	Fast and reliable	
•	Page load is fast enough on mobile networks	~
	Current page does not respond with a 200 when offline	~
^	start_url does not respond with a 200 when offline No usable web app manifest found on page.	~
+	Installable	
•	Uses HTTPS	~
	Does not register a service worker that controls page and start_url	~
^	Web app manifest does not meet the installability requirements Failures: No manifest was fetched.	~
	PWA Optimized	
	Does not redirect HTTP traffic to HTTPS	~
A	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	~
•	Has a <meta name="viewport"/> tag with width or initial-scale	~













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.



Metrics for the ratp timetable site

Passed audits (1)

Runtime Settings

URL	http://localhost:8887/
Fetch time	Feb 16, 2020, 10:38 PM GMT-5
Device	Emulated Nexus 5X
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)

12/2020	Lighthouse Report
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64)
	AppleWebKit/537.36 (KHTML, like Gecko)
	Chrome/80.0.3987.106 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 6.0.1; Nexus 5 Build/MRA58N) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	620

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