Results for: http://127.0.0.1:8887/#
Dec 5, 2017, 8:04 PM GMT+5:30 • Runtime settings

91	99	89	88
Progressive Web App	Performance	Accessibility	Best Practices

Progressive Web App

91

These checks validate the aspects of a Progressive Web App, as specified by the baseline PWA Checklist.

2 Failed Audits

- Does not redirect HTTP traffic to HTTPS ✗
  If you've already set up HTTPS, make sure that you redirect all HTTP traffic to HTTPS. Learn more.
- Page load is fast enough on 3G ✓
  A fast page load over a 3G network ensures a good mobile user experience. Learn more.
  - View Details

URL	Latency (ms)
/css/style.css	25.91

First Interactive was found at 1,420 ms; however, the network request latencies were not sufficiently realistic, so the performance measurements cannot be trusted.

9 Passed Audits

- Registers a service worker ✓
  The 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. Learn more.
- Responds with a 200 when offline ✓
  If you're building a Progressive Web App, consider using a service worker so that your app can work offline. Learn more.
- Contains some content when JavaScript is not available ✓
  Your app should display some content when JavaScript is disabled, even if it's just a warning to the user that JavaScript is required to use the app. Learn more.
- Uses HTTPS ✓
  All sites should be protected with HTTPS, even ones that don't handle sensitive data. 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. Learn more.

User can be prompted to Install the Web App
Browsers can proactively prompt users to add your app to their homescreen, which can lead to higher engagement. Learn more.

Configured for a custom splash screen
A default splash screen will be constructed for your app, but satisfying these requirements guarantee a high-quality splash screen that transitions the user from tapping the home screen icon to your app's first paint

Address bar matches brand colors
The browser address bar can be themed to match your site. Learn more.

Has a `<meta name="viewport">` tag with `width` or `initial-scale`
Add a viewport meta tag to optimize your app for mobile screens. Learn more.

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 more.

Manual checks to verify

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.

Site works cross-browser
To reach the most number of users, sites should work across every major browser. Learn more.

Page transitions don't feel like they block on the network
Transitions should feel snappy as you tap around, even on a slow network, a key to perceived performance. Learn more.

Each page has a URL
Ensure individual pages are deep linkable via the URLs and that URLs are unique for the purpose of shareability on social media. Learn more.

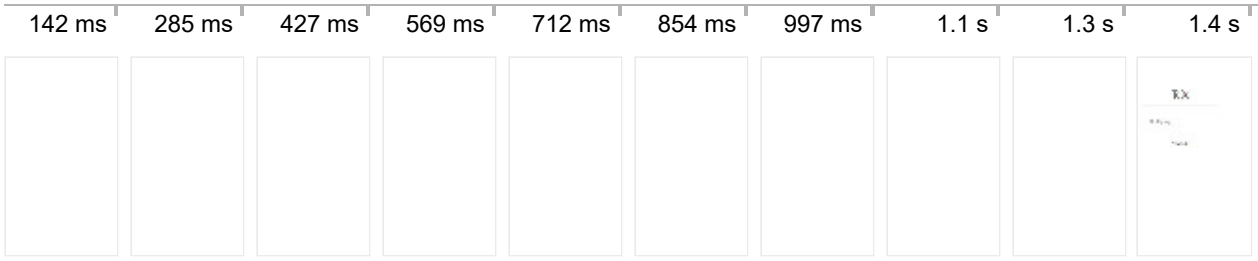
Performance

These encapsulate your app's current performance and opportunities to improve it.

99

Metrics

These metrics encapsulate your app's performance across a number of dimensions.



First meaningful paint 1,420 ms
First meaningful paint measures when the primary content of a page is visible. Learn more.

First Interactive (beta) 1,420 ms
First Interactive marks the time at which the page is minimally interactive. Learn more.

Consistently Interactive (beta) 1,420 ms
Consistently Interactive marks the time at which the page is fully interactive. Learn more.

Perceptual Speed Index: 1,424 **97**
Speed Index shows how quickly the contents of a page are visibly populated. Learn more.

Estimated Input Latency: 16 ms **100**
The score above is an estimate of how long your app takes to respond to user input, in milliseconds. There is a 90% probability that a user encounters this amount of latency, or less. 10% of the time a user can expect additional latency. If your score is higher than Lighthouse's target score, users may perceive your app as laggy. Learn more.

Opportunities

These are opportunities to speed up your application by optimizing the following resources.

Reduce render-blocking stylesheets 280 ms

External stylesheets are blocking the first paint of your page. Consider delivering critical CSS via `<style>` tags and deferring non-critical styles. Learn more.

View Details

URL	Size (KB)	Delayed Paint By (ms)
/css/style.css	2.59 KB	252 ms
/css/bootstrap.css	142.7 KB	275 ms

Enable text compression 200 ms
180 KB

Text-based responses should be served with compression (gzip, deflate or brotli) to minimize total network bytes. Learn more.

View Details

Uncompressed resource URL	Original	GZIP Savings
/css/bootstrap.css	143 KB	122 KB (85%)
/js/jquery.js	85 KB	55 KB (65%)
/js/todo-list.js	3 KB	2 KB (74%)
/css/style.css	2 KB	2 KB (68%)