https://flask-ps-classics-project.herokuapp.com/

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PWA Progressive Web App

▲ 0–49   ■ 50–89   ● 90–100

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Performance

Metrics

■	First Contentful Paint	3.1 s	■	Time to Interactive	5.0 s
●	Speed Index	3.1 s	●	Total Blocking Time	60 ms
■	Largest Contentful Paint	3.5 s	●	Cumulative Layout Shift	0.018

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

Opportunities — These suggestions can help your page load faster. They don't directly affect the Performance score.

Opportunity	Estimated Savings
▲ Properly size images	23.46 s ⌄
▲ Eliminate render-blocking resources	2.27 s ⌄
◼ Remove unused JavaScript	0.51 s ⌄
◼ Remove unused CSS	0.34 s ⌄

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

▲ Serve static assets with an efficient cache policy — 7 resources found	⌄
▲ Does not use passive listeners to improve scrolling performance	⌄
▲ Image elements do not have explicit `width` and `height`	⌄
▲ Avoid enormous network payloads — Total size was 5,542 KiB	⌄
● Avoid chaining critical requests — 8 chains found	⌄
● Keep request counts low and transfer sizes small — 19 requests • 5,542 KiB	⌄
● Largest Contentful Paint element — 1 element found	⌄
● Avoid large layout shifts — 1 element found	⌄
● Avoid long main-thread tasks — 2 long tasks found	⌄

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.   ⌄

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.

⚠ Links do not have a discernible name   ⌄

Additional items to manually check (10) — These items address areas which an   ⌄
automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.

Passed audits (11)   ⌄

Not applicable (28)   ⌄

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Best Practices

Trust and Safety

⚠ Links to cross-origin destinations are unsafe   ⌄

User Experience

⚠ Serves images with low resolution   ⌄

Passed audits (14)   ⌄

Not applicable (1)   ⌄

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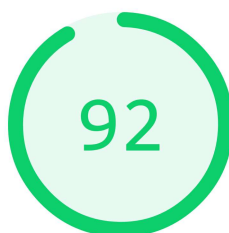
SEO

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](#).

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   ⌄

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

Passed audits (11)   ⌄

Not applicable (2)   ⌄

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 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   ⌄

▲ 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`   ⌄

● Contains some content when JavaScript is not available   ⌄

▲ Does not provide a valid `apple-touch-icon`   ⌄

▲ Manifest doesn't have a maskable icon No manifest was fetched   ⌄

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://flask-ps-classics-project.herokuapp.com/
Fetch Time	Feb 15, 2021, 1:31 AM GMT
Device	Emulated Moto G4

Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.150 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 7.0; Moto G (4)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4143.7 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1787
Axe version	3.5.5

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