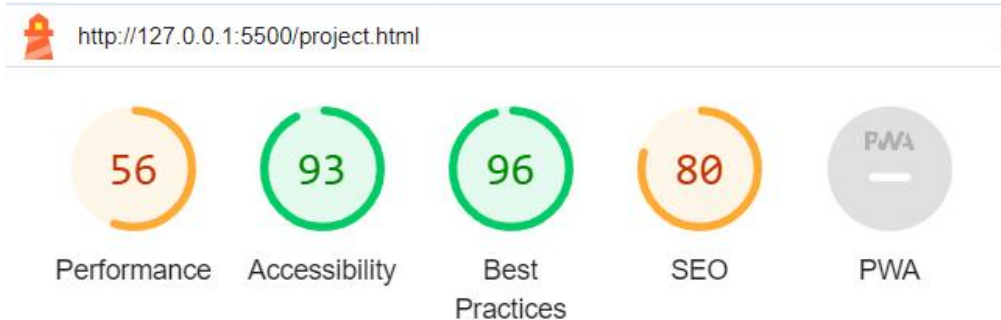# Web Technology
Lab-10

Name: Dushyanth   **Roll No: 22MC3038**

Task 1: Web page performance analysis (Using online tools like Lighthouse)

🚨 http://127.0.0.1:5500/project.html

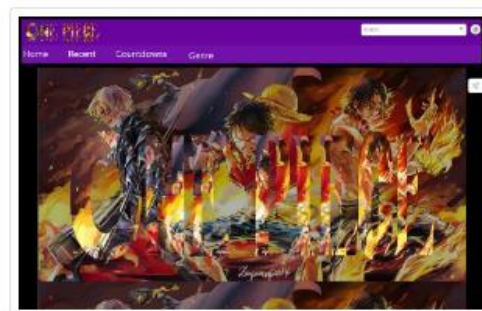| 56	93	96	80	PWA
Performance	Accessibility	Best Practices	SEO	PWA

There were issues affecting this run of Lighthouse:

- Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.

56

Performance

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

93

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.

CONTRAST

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

These are opportunities to improve the legibility of your content.

96

Best Practices

USER EXPERIENCE

▲ Displays images with incorrect aspect ratio ⌄

TRUST AND SAFETY

○ Ensure CSP is effective against XSS attacks ⌄

80

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

▲ Document does not have a meta description ⌄

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

Task 3: Submit all your previous Lab Assignments and Project on your GitHub repository. then submit your GitHub Repository link here.

https://github.com/22MC3035/WebDevLab