MIPWALERP NO: 1111 dim: To use google lighthouse tool, ito test the PWA functioning what's google lighthouse tool? It is the tool that lets you audit your web application based on number of parameters including performance, based on a number of Meterics Mobile compatibility. Progressive web App(PWA) implementation etc. Il you have to do is wn it on a page on pass it a very sit back for a couple of minute and got a very elaborate report, not much short of one that a professional auditor could've compiled in about a week Key fectures! Performance: Its an aggregatation of how the Page faxed in aspects such as loading speed, time taken for loading basic frames PWA Score: It's a score based on Mr Baseline PWA checklist loid down by google which includes scruice worken implementation Acceptibility: It's a Measure of how acrespible a webgite is across a plethona of accessibility

features that can implemented it in your page conclusion st sundthad story see or : Mil PWA Analysis tool for testing the PWA function A First Contentrus Pairs

16.6 s

A Total Bioching Time

2,620 ms

A Currulative Layout Shift

0.303

Snow audits relevant to MECP LSP 181 CLS

Expand view

A Avoid large tayout shifts — 2 tayout shifts found

A Minimize main-thread work — 12.5 s

A Largest Contentful Paint element — 30,640 ms

A Reduce JavaScript execution time — 2.9 s

A Reduce the imperi of third-party code — Third-party code blocked the main thread for 4.130 ms

A Enable lexi compression — Potential savings of 3.723 kills

A Minity JavaScript — Potential savings of 743 kills

A Reduce unused JavaScript — Potential savings of 552 kills

Eliminate render-blocking resources — Potential savings of 450 ms

A Preconnect to required origins — Potential savings of 320 ms

Page previous d backforward cache restoration — 1 fature reason

Reduce unused CSS — Potential savings of 14 kills

- ☐ Captured at Apr 11, 2025,
 10:32 PM GMT+5:30
 O Initial page load
- Emulated Moto G Power with
 Lighthouse 12.4.0
- Single page session
- T Slow 4G throttling

Generated by Lighthouse 12.4.0 | File an issue

Conclusion: Thus we successfully used google Lighthouse PWA Analysis Tool for testing the PWA on various factors such as performance, Accessibility, and SEO.