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Pwa experiment 11

Aim: Use Lighthouse chrome extension to analyse the PWA for performance.



http://127.0.0.1:5500/index.html



Performance



Accessibility



Best  
Practices



SEO



Performance

Values are estimated and may vary. The [performance score](#) is calculated directly from these metrics. [See calculator.](#)

▲ 0–49

■ 50–89

● 90–100

### SnapShop

€100.00

Home

Purchases

Load Balance

Report

Scan QR

#### METRICS

Expand view

■ First Contentful Paint

2.2 s

● Largest Contentful Paint

2.2 s

● Total Blocking Time

0 ms

● Cumulative Layout Shift

0

● Speed Index

2.2 s

DIAGNOSTICS		
▲	Eliminate render-blocking resources	— Potential savings of 970 ms
▲	Enable text compression	— Potential savings of 18 KiB
▲	Page prevented back/forward cache restoration	— 1 failure reason
■	Minify JavaScript	— Potential savings of 135 KiB
■	Remove duplicate modules in JavaScript bundles	— Potential savings of 16 KiB
■	Reduce unused CSS	— Potential savings of 21 KiB
■	Reduce unused JavaScript	— Potential savings of 121 KiB
■	Minimize main-thread work	— 2.8 s
○	Avoid non-composited animations	— 1 animated element found
○	Initial server response time was short	— Root document took 10 ms

📅	Captured at Mar 22, 2025, 7:02 PM GMT+5:30	🖥️	Emulated Moto G Power with Lighthouse 12.3.0	👤	Single page session
🕒	Initial page load	🌐	Slow 4G throttling	🔧	Using Chromium 134.0.0.0 with devtools

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