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<b>Class/Roll No</b>	<b>D15C / 57</b>
<b>Subject</b>	<b>MAD and PWA Lab</b>
<b>DOP</b>	
<b>DOS</b>	
<b>Sign</b>	

## EXP 11

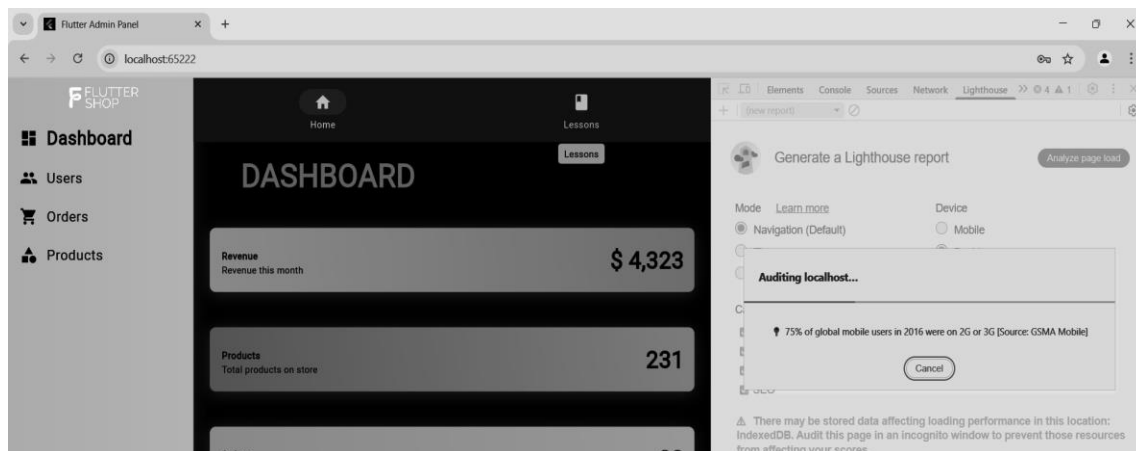
**AIM:** To use google Lighthouse PWA Analysis Tool to test the PWA functioning.

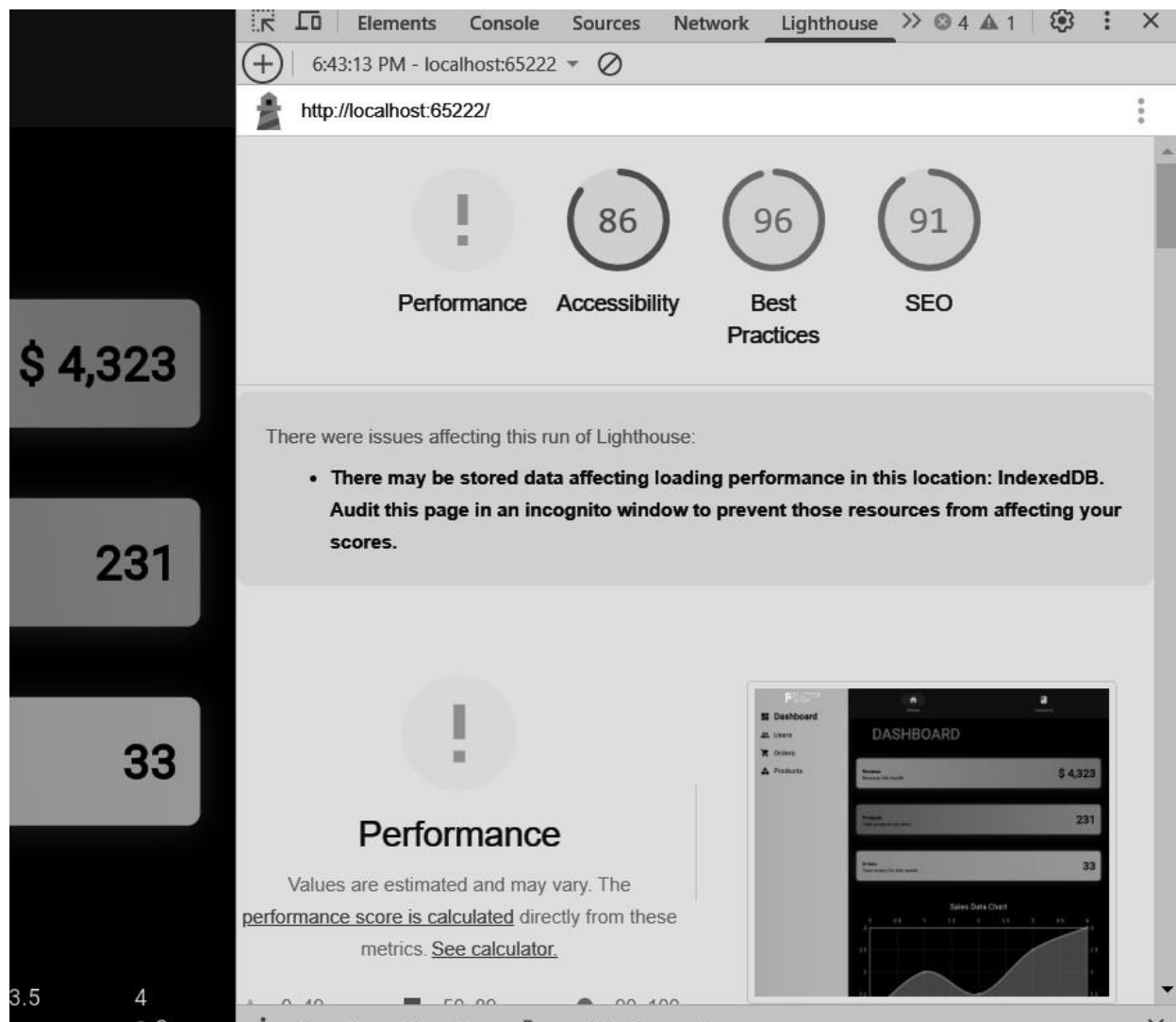
### Description:

**Google Lighthouse :** Google Lighthouse is a tool that lets you audit your web application based on a number of parameters including (but not limited to) performance, based on a number of metrics, mobile compatibility, Progressive Web App (PWA) implementations, etc. All you have to do is run it on a page or pass it a URL, sit back for a couple of minutes and get a very elaborate report, not much short of one that a professional auditor would have compiled in about a week.

The best part is that you have to set up almost nothing to get started. Let's begin by looking at some of the top features and audit criteria used by Lighthouse.

### Screenshot:





**Conclusion:** In this experiment, we effectively used Google Lighthouse to evaluate the PWA functionality of our ecommerce application. The tool provided a detailed audit covering key aspects such as Performance, Accessibility, Best Practices, and Progressive Web App compliance.

The Lighthouse analysis helped us understand how well our app meets modern web standards and provided insights to enhance its speed, reliability, and overall user experience.