Experiment 8

Aim:- To code and register a service worker, and complete the install and activation process for a new service worker for the E-commerce PWA.

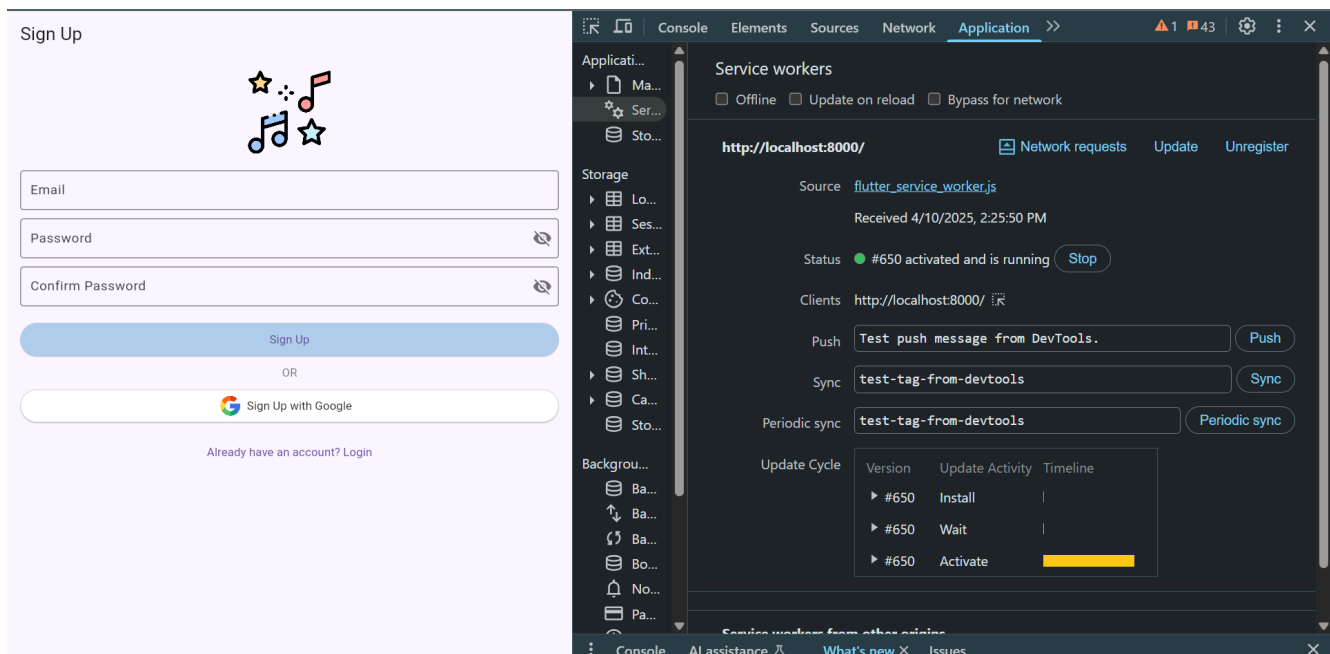**Github Link**: https://github.com/anshi1108/MPL-project

Description:
The aim of this experiment is to implement and register a service worker for the E-commerce Progressive Web App (PWA).

This involves writing JavaScript code to define the service worker's functionality and ensuring it handles essential lifecycle events such as installation and activation.

The service worker operates in the background, enabling features like offline support, intelligent caching, and faster loading by intercepting and responding to network requests effectively. These capabilities help make the web app feel more like a native mobile app.

Output:

Conclusion:

By correctly coding, registering, and activating the service worker, we enable the E-commerce PWA to deliver a smoother and more reliable user experience.

This allows the app to load faster, work offline or on unstable connections, and offer users an overall enhanced interaction similar to that of a native application, even in limited network conditions.