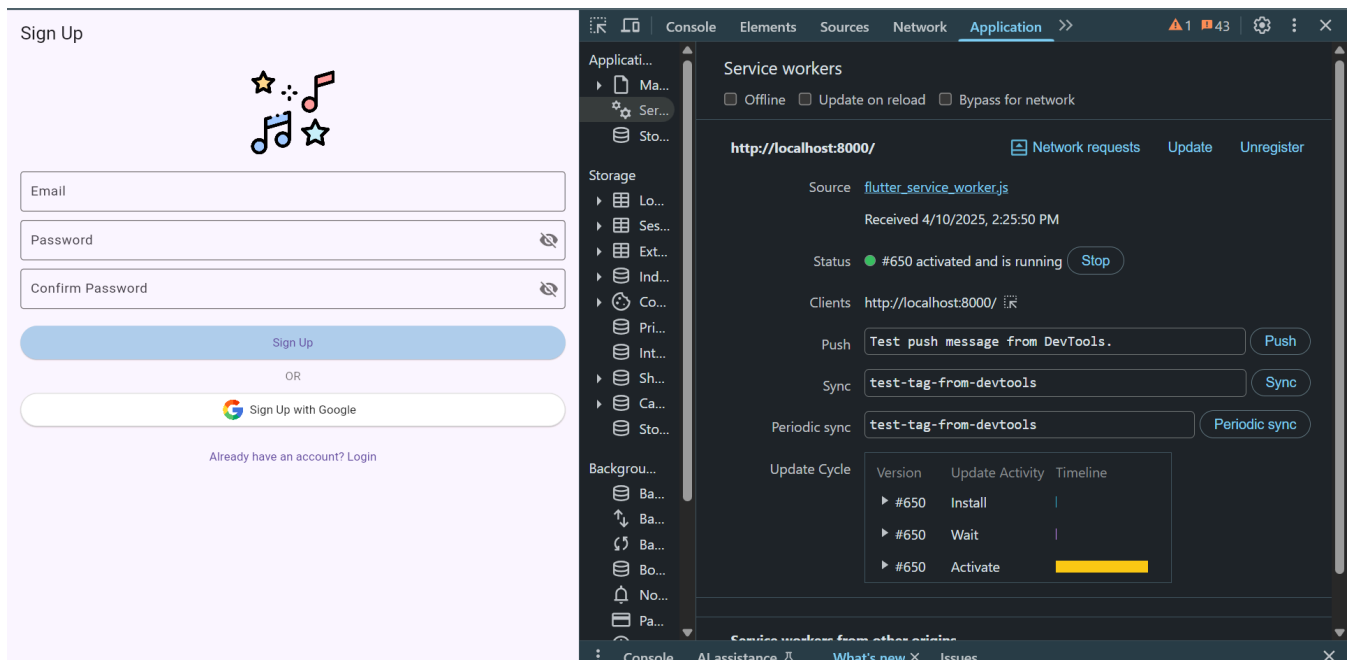# Experiment 9

Aim:- To implement Service worker events like fetch, sync and push for E-commerce PWA.

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

Description: The aim of this experiment is to implement key service worker events such as fetch, sync, and push in an E-commerce Progressive Web App (PWA). These events enable background functionalities that improve app reliability and interactivity. The fetch event allows interception and caching of network requests, the sync event handles background data synchronization when connectivity is restored, and the push event enables real-time notifications. Together, these features contribute to a robust and engaging user experience for the web app.

Output:

```
Elements    Console    Sources    Network    Performance    Memory    Application  >>

  top ▼   ⊘   Y Filter                                               Default leve

  ServiceWorker registered:   http://localhost:8000/
  Sync registered
```
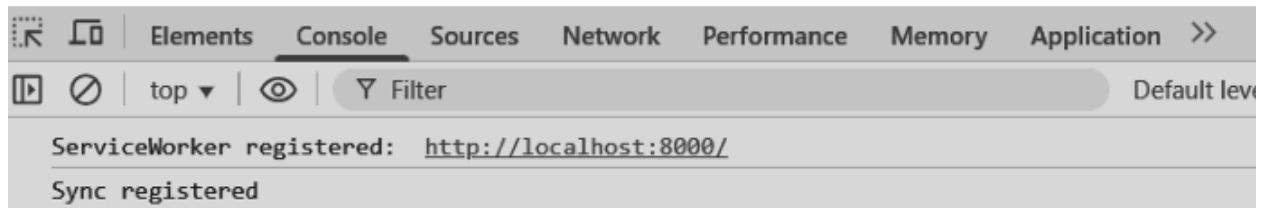
Conclusion: By successfully implementing the fetch, sync, and push events in the service worker, the E-commerce PWA gains essential capabilities like offline support, background data syncing, and push notifications. This significantly improves the app's responsiveness and reliability, allowing users to stay informed and interact smoothly even during connectivity disruptions.