

Name: Rohan Ghadge Roll no :63 Div:D15B

PWA experiment no 9

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

The screenshot shows the Chrome DevTools Service Worker interface. At the top, the URL is `http://127.0.0.1:5500/snapit_pwa/` with buttons for 'Network requests', 'Update', and 'Unregister'. Below this, the source is `service-worker.js` and it was received on 17/3/2025 at 11:32:18 pm. The status is '#3147 activated and is running' with a green dot and a 'Stop' button. The clients list shows `http://127.0.0.1:5500/snapit_pwa/index.html#`. There are input fields and buttons for 'Push' (message: 'Test push message from DevTools.'), 'Sync' (tag: 'test-tag-from-devtoolsee'), and 'Periodic sync' (tag: 'test-tag-from-devtools'). An 'Update Cycle' table shows the lifecycle of the worker.

Version	Update Activity	Timeline
▶ #3147	Install	
▶ #3147	Wait	
▶ #3147	Activate	<div></div>

Make the following changes to the service-worker.js

// Install Event: Cache assets

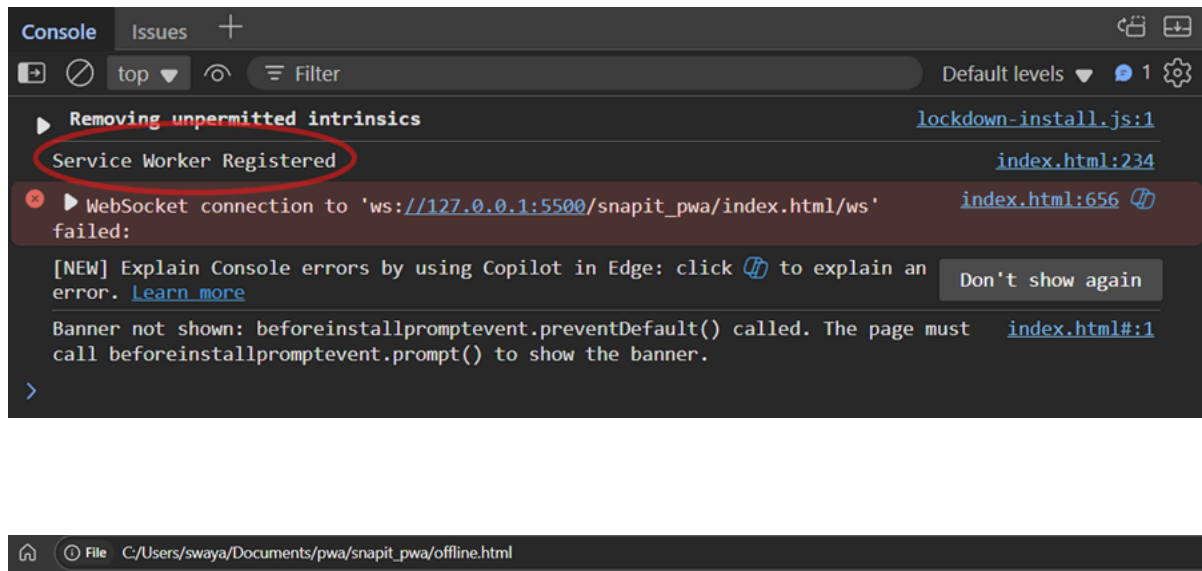
// Activate Event: Cleanup old caches

// Fetch Event: Supports both Cache-First & Network-First

```
// Sync Event: Retry sending data when online

// Function to send pending screenshots to the server

// Push Event: Display push notifications
```



You're Offline

It looks like you have lost internet access. Some features may not work.



Conclusion: We implemented the functionality of offline web cache capture so that in the absence of a stable internet connection, the app would