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PWA EXP No : 09

Aim : To implement service worker events like fetch sync and push for fundrising PWA

Theory :

Fetch Event : you can track and Manage page network traffic with this event. you can check existing cache Non first and network first requests and return a reponse that you want.

- cache first : In this function if the received request has cached before the cached reponsed is returned to the page But if not, a new response requested from network

- Network first : In this function firstly we can try getting an updated response from the network if this process completed successfully the new response will be cached and returned. But if they process fails, we check whether the request has been cleared / cached before not. If cache etists it is returned to the page but if not this is up to you. you can return dummy content or information Message to the page.

Sync Event : Background Sync is a web API that is used to delay a process with until the internet

connection is stable. we can adopt this defini
to the real world : there is on email cli
application that work on the browser and w
want to send on email with the tool intens
connection is broken while we are writing e
content and we didn't receive it when comple
the writing we click the send button

Push Event : This is the event that handles push notification that received from the server you can apply any method with received data yo can handle push notification with the event In this example

conclusion : we implemented advanced service worke events which now offers better offline handli automatic background syne and real-time push notification . This enhances use, making it trive PWA with modern capabilities

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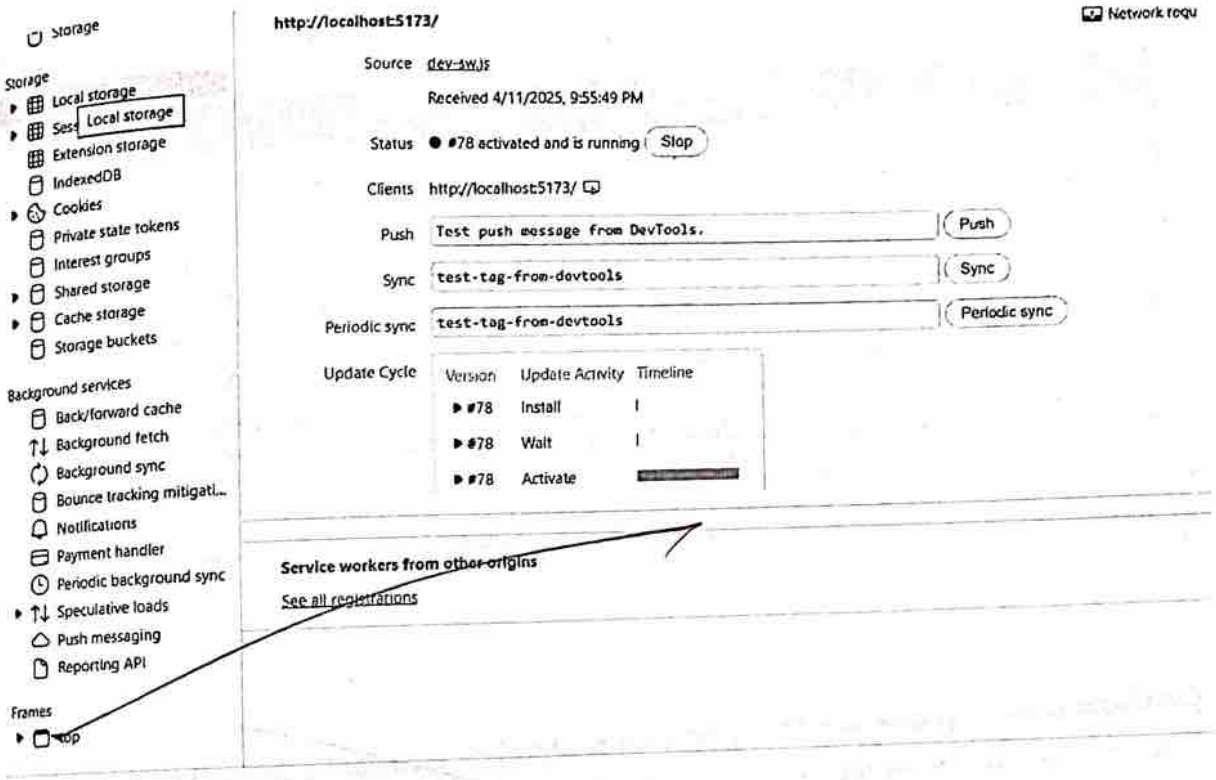
PWA EXP 9

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



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

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