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MPL Experiment 7:-

* Aim: Implement add to home screen feature.

* Theory:

PWA are designed to offer users a native-like experience while still being based on web technologies. One of key features of PWA's is the ability to be added to the home screen of website devices providing a seamless and engaging user experience.

o Key components of 'Add to Home screen' feature.

1) Web App Manifest: The manifest file is a crucial part of PWA that provides metadata about App, such as its name, icon, theme colors and orientation preference.

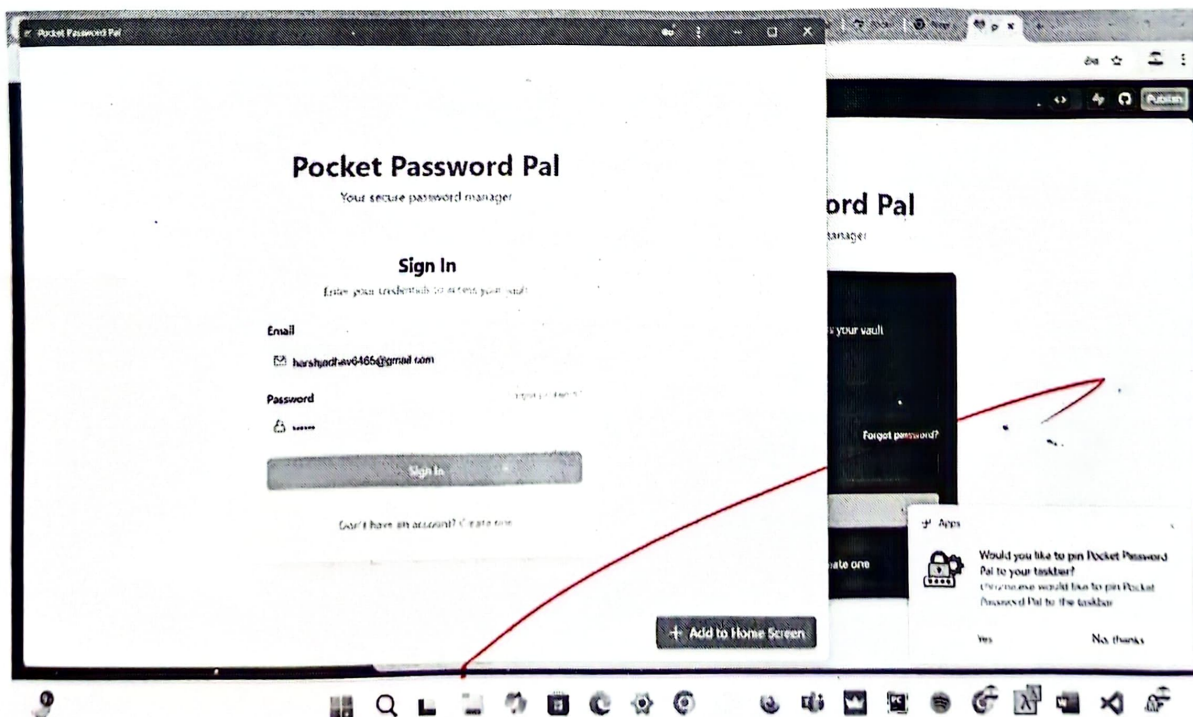
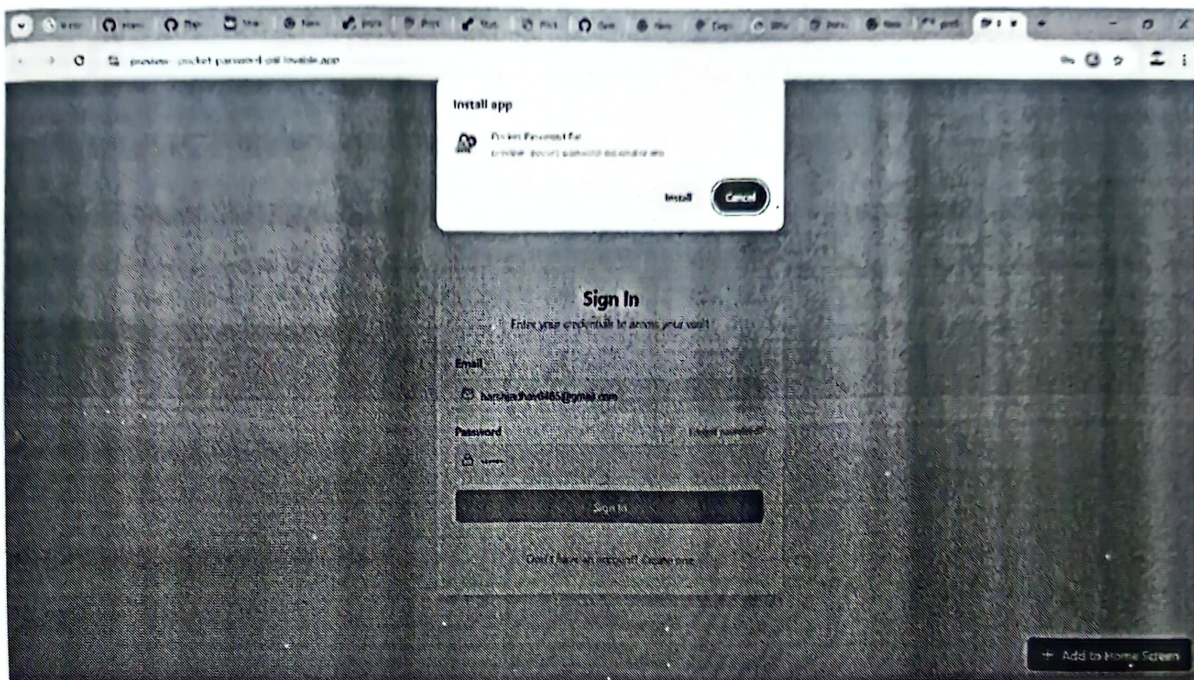
2) Service workers & Service workers play an essential role in ensuring the app works offline, caching content for reliable use even when user is not connected to internet. This is fundamental for the PWA experience and supports the 'Add to Home screen feature'.

3) user engagement: For users to add a PWA to the home screen, they must be prompted with an installation invitation. This is often handled by a communication of browser built in prompts and a custom installation flow created by app developers.

4) Browser support: The ability to "Add to Home screen" varies across browsers and platforms, but perform browser like chrome, edge and safari support for feature.

* Conclusion:

The add to home screen features offer multiple advantages for both developers and users. I have implemented the "add to Home Screen feature".



- Application
- ▶ Manifest
 - ▶ Service Worker
 - ▶ Storage
- Storage
- ▶ Local storage
 - ▶ Session storage
 - ▶ Extension storage
 - ▶ IndexedDB
 - ▶ Cookies
 - ▶ Private storage
 - ▶ Interest groups
 - ▶ Shared storage
 - ▶ Cache storage
 - ▶ Storage buckets
- Background services
- ▶ Background fetch
 - ▶ Background sync
 - ▶ Background sync
 - ▶ Bounce token
 - ▶ Notification
 - ▶ Payment request
 - ▶ Periodic background sync
 - ▶ Speculative connect

Icons

☐ Show only the minimum safe area for maskable icons

Need help? Read the [App Image Generator](#).

72x72px

image/png



96x96px

image/png



128x128px

image/png



144x144px

image/png

