Experiment 7	
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Aim: To write meta data of your Transaction PWA in a Web app manifest file to enable "add to homescreen feature".
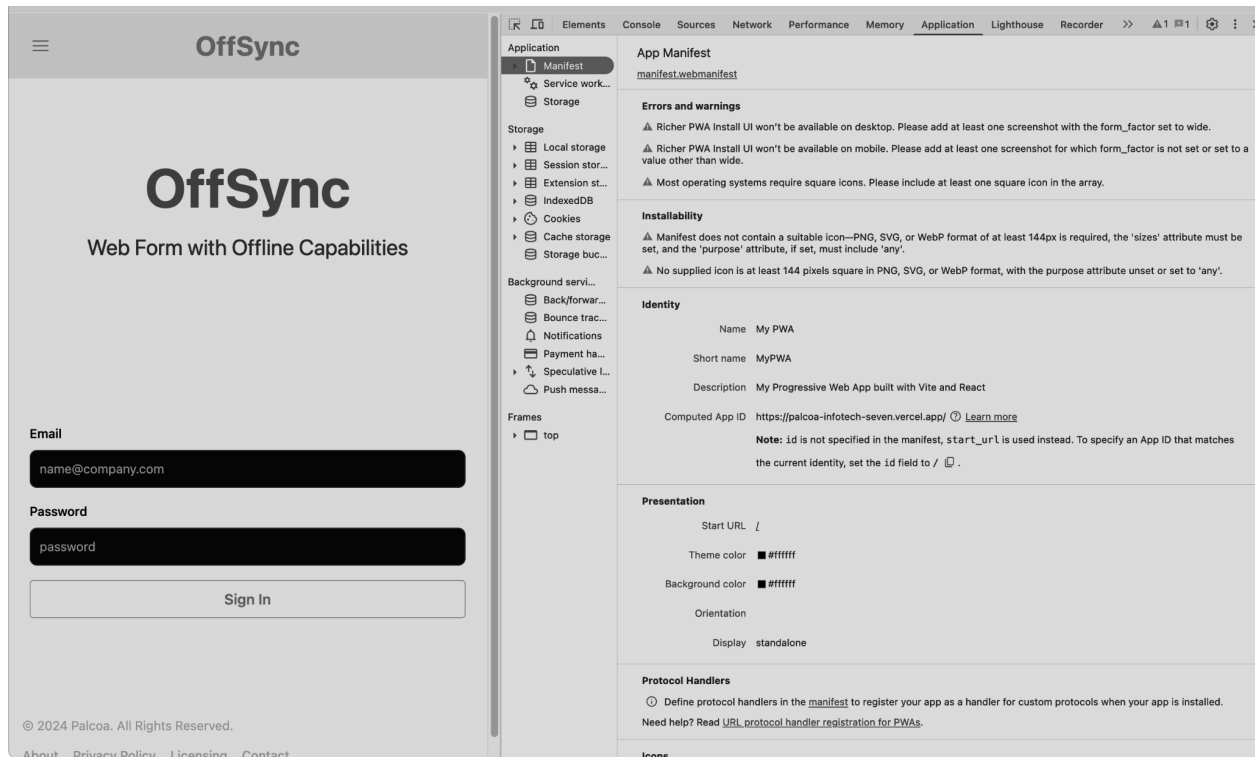
Theory:

Metadata in an PWA defines how the app appears, behaves, and is discovered across platforms. It includes a manifest.json file that specifies the app name, icons, theme color, and start URL, enabling a native-like experience when installed. HTML <meta> tags in index.html improve SEO and social media sharing by providing page title, description, and preview images. Metadata helps browsers identify the app's purpose and style, enhances visibility, and improves user engagement.

To add metadata to Offsync app the following steps were performed:

- Created and configured the manifest.json file with app name, start URL, display mode, theme color, and icons.
- Linked the manifest.json in the <head> section of index.html.
- Added <meta> tags in index.html for description, theme color, and Open Graph properties to improve SEO and sharing.

Output:

Conclusion:

In this experiment, metadata was successfully added to the PWA to enhance its visibility, branding, and user experience. The use of manifest.json and HTML <meta> tags allowed the app to behave like a native application, support SEO, and display correctly when shared on social media. This setup ensures the PWA is well-optimized and user-friendly across various platforms.