# **mPOS Microsoft PWA Builder POC**

* Create a monolith React app using CRA.
* Make sure we are not using the service worker as this POC uses Microsoft PWA builder.
* Build the app and deploy it in Netlify (<https://fervent-darwin-8fce29.netlify.app/>)
* Check the Lighthouse testing results for above URL.

Graphical user interface

Description automatically generated

Go to pwabuilder.com and enter the above URL there.

* Go to manifest and service worker and update necessary changes like name, short\_name, app icon and select the work of service worker according to requirements.
* Click on Next we can See a Generate Button. By clicking on it we can download necessary PWA base files.
* The download package consists of images/ folder, next-steps.html, manifest.json and pwabuilder-sw folder.
* Follow the next steps by clicking on the below link. This readme file walkthrough the next steps need to be done with the package.

<https://github.com/pwa-builder/pwabuilder-web/blob/V2/src/assets/next-steps.md>

* Build the project again and Deploy it in Netlify.

(<https://thirsty-murdock-449e2a.netlify.app/>)

Test Results after testing it in pwabuilder.com

Graphical user interface, website

Description automatically generated

**Before PWA lighthouse results:**

Graphical user interface, text, application

Description automatically generated

## After Converted into PWA Light house Results:

Graphical user interface, text, application

Description automatically generated

**Git Repos:**

Non-PWA:

<https://github.com/Pradeep8978/mPOS-pwa-builder-poc/tree/starter>

PWA:

<https://github.com/Pradeep8978/mPOS-pwa-builder-poc/tree/master>