

## 1. Aim

To write metadata of your Ecommerce PWA in a Web App Manifest file to enable the “**Add to Homescreen**” feature.

## 2. Basic Description

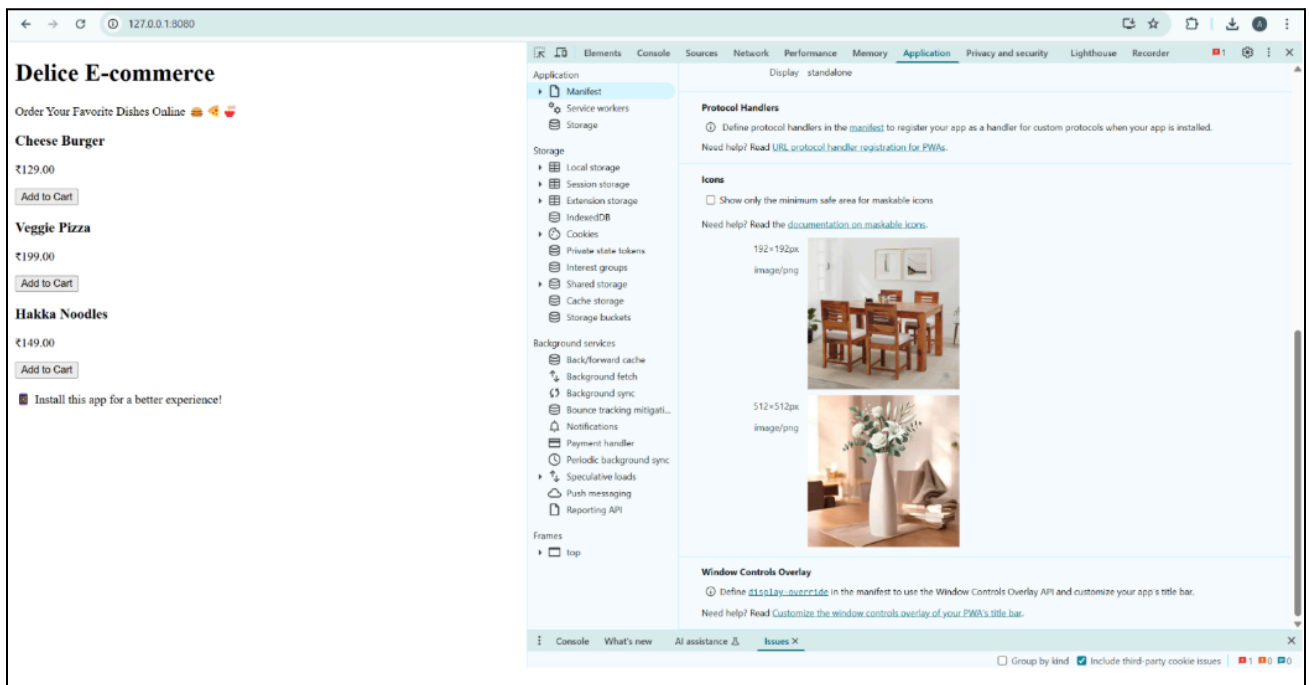
In this experiment, we focus on enhancing our **Ecommerce Progressive Web App (PWA)** by integrating a manifest.json file. This file contains metadata such as the app name, icons, theme color, display mode, and start URL. When properly configured and served with a secure HTTPS connection, this setup allows users to **install the web app on their home screen**, providing a native-app-like experience.

This is particularly important for eCommerce apps, where:

- **User engagement** and **retention** matter.
- A quick-launch option from the homescreen improves accessibility.
- It supports an **offline-capable** shopping experience when combined with service workers.

## 3. Output:

After implementing the Web App manifest and linking it to the HTML file, users visiting the E-commerce website on their mobile or desktop browsers will be prompted with the option to add the app to their home screen. Once added, users can launch the web app from their home screen as if it were a native app. This enhances the user experience by providing easier access to the app and improving engagement.



## 4. Conclusion

By successfully adding a Web App Manifest file to our Ecommerce PWA:

- We enabled “**Add to Home Screen**”, improving user accessibility.
- We enhanced our app’s appearance and functionality to feel more **native**.
- This makes our PWA **installable, reliable, and engaging**, all while using standard web technologies.