

Experiment-7

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.

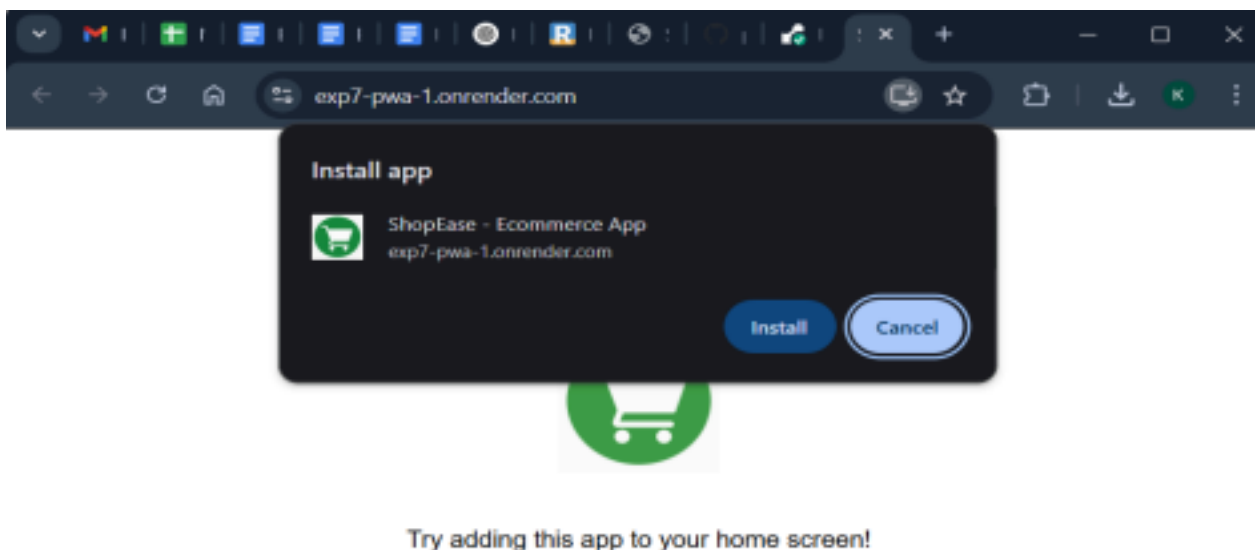
```
{
  "name": "ShopEase - Your Ecommerce Store",
  "short_name": "ShopEase",
  "start_url": "/index.html",
  "display": "standalone",
  "background_color": "#ffffff",
  "theme_color": "#4CAF50",
  "icons": [
    {
      "src": "icons/icon-192x192.png",
      "sizes": "192x192",
      "type": "image/png"
    },
    {
      "src": "icons/icon-512x512.png",
      "sizes": "512x512",
```

3. Output:



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.