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

Theory:

Progressive Web Apps (PWAs) are web applications enhanced with modern web capabilities to deliver an app-like experience. One essential part of a PWA is the Web App Manifest — a JSON file that contains metadata about the app.
 This metadata includes:
● App name and short name
● Start URL and scope
● Icons for different screen sizes
● Theme and background colors
● Display mode (e.g., standalone, fullscreen)

By linking this manifest.json file in the HTML, the app becomes installable on user devices and can appear on the home screen like a native app. This enhances user engagement, accessibility, and branding for the Ecommerce platform.
In this experiment, metadata was defined in a manifest file and connected to the main HTML file, enabling the "Add to Home Screen" functionality for the Ecommerce PWA.

Output:

```html
<html>
<head>
  <base href="/">

  <meta charset="UTF-8">
  <meta content="IE=Edge" http-equiv="X-UA-Compatible">
  <meta name="description" content="A new Flutter project.">
  <meta name="google-signin-client_id" content="175543833376-iep7akagt2r6dm31jtjnq4c

  <!-- iOS meta tags & icons -->
  <meta name="mobile-web-app-capable" content="yes">
  <meta name="apple-mobile-web-app-status-bar-style" content="black">
  <meta name="apple-mobile-web-app-title" content="questit">
  <link rel="apple-touch-icon" href="icons/Icon-192.png">

  <!-- Favicon -->
  <link rel="icon" type="image/png" href="favicon.png"/>

  <title>questit</title>
  <link rel="manifest" href="manifest.json">
</head>
<body>
  <script src="flutter_bootstrap.js" async></script>
</body>
</html>
```

Conclusion:
In this experiment, we successfully create and integrated a Web App Manifest file for our Progressive Web App. By defining essential metadata such as the app's name, icons, theme color, and display mode, we enabled the "Add to Home Screen" functionality.