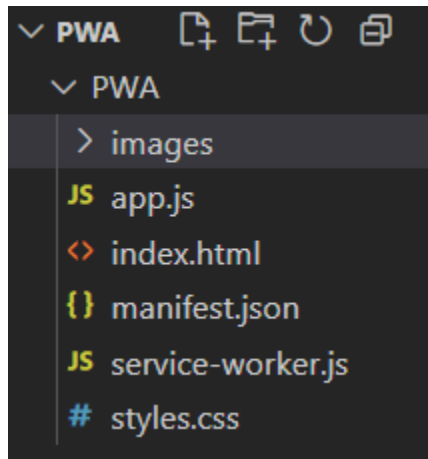


## Experiment 6

**Aim:-** To write meta data of your Ecommerce PWA in a Web app manifest file to enable “add to homescreen feature”.

### Folder Structure:-



### Code:-

#### **Index.html**

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>ShopEasy PWA</title>
  <meta name="description" content="Shop the latest products with our easy to use online store">
  <meta name="theme-color" content="#4285f4">
  <link rel="manifest" href="manifest.json">
  <link rel="apple-touch-icon" href="images/icons/icon-192x192.png">
  <link rel="stylesheet" href="styles.css">
  <!-- <link rel="manifest" href="manifest.json"> -->

  <!-- Favicon -->
  <link rel="icon" type="image/png" href="images/icons/icon-72x72.png">
  <link rel="apple-touch-icon"
href="https://cdn.pixabay.com/photo/2016/09/14/20/50/shopping-1670703_960_720.png">
  <link rel="icon" type="image/png"
    href="https://cdn.pixabay.com/photo/2016/09/14/20/50/shopping-1670703_960_720.png">
</head>

<body>
```

```

<header>
  <nav>
    <div class="logo">ShopEasy</div>
    <ul class="nav-links">
      <li><a href="#" class="active">Home</a></li>
      <li><a href="#">Products</a></li>
      <li><a href="#">Categories</a></li>
      <li><a href="#">Deals</a></li>
      <li><a href="#">Contact</a></li>
    </ul>
    <div class="cart">
      <span class="cart-icon"><img alt="Shopping cart icon" data-bbox="395 295 415 310"/></span>
      <span class="cart-count">0</span>
    </div>
  </nav>
</header>

```

```

<main>
  <section class="hero">
    <div class="hero-content">
      <h1>Shop Smart, Shop Easy</h1>
      <p>Discover amazing products at incredible prices</p>
      <button class="cta-button">Shop Now</button>
      <div id="install-banner" class="install-banner hidden">
        <p>Add ShopEasy to your home screen!</p>
        <button id="install-button">Install</button>
        <button id="dismiss-button">Dismiss</button>
      </div>
    </div>
  </section>

```

```

<section class="featured-products">
  <h2>Featured Products</h2>
  <div class="product-grid">
    <div class="product-card">
      <!-- For product1.jpg (Wireless Headphones) -->
      
      <h3>Wireless Headphones</h3>
      <p class="price">$79.99</p>
      <button class="add-to-cart">Add to Cart</button>
    </div>

```

```

<div class="product-card">
  <!-- For product2.jpg (Smartphone Case) -->
  
  <h3>Smartphone Case</h3>
  <p class="price">$24.99</p>
  <button class="add-to-cart">Add to Cart</button>
</div>
<div class="product-card">
  <!-- For product3.jpg (Smart Watch) -->
  
  <h3>Smart Watch</h3>
  <p class="price">$149.99</p>
  <button class="add-to-cart">Add to Cart</button>
</div>
<div class="product-card">
  <!-- For product4.jpg (Bluetooth Speaker) -->
  
  <h3>Bluetooth Speaker</h3>
  <p class="price">$59.99</p>
  <button class="add-to-cart">Add to Cart</button>
</div>
</div>
</section>
</main>

<footer>
  <div class="footer-content">
    <div class="footer-section">
      <h3>ShopEasy</h3>
      <p>Your one-stop shop for all your needs.</p>
    </div>
    <div class="footer-section">
      <h3>Quick Links</h3>
      <ul>
        <li><a href="#">About Us</a></li>

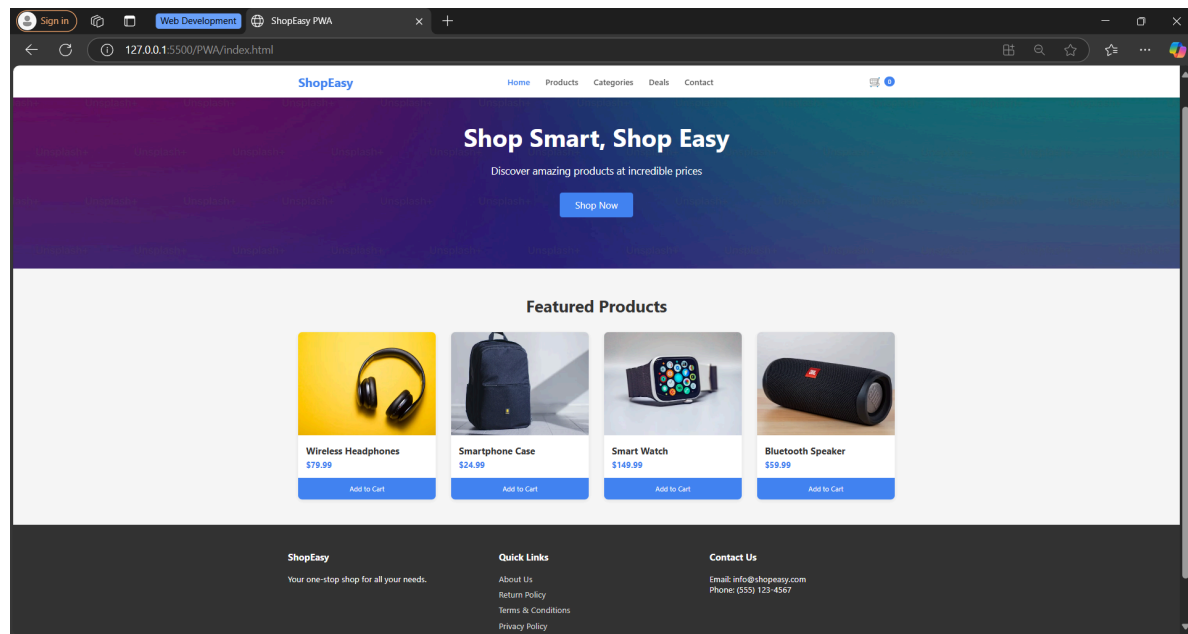
```

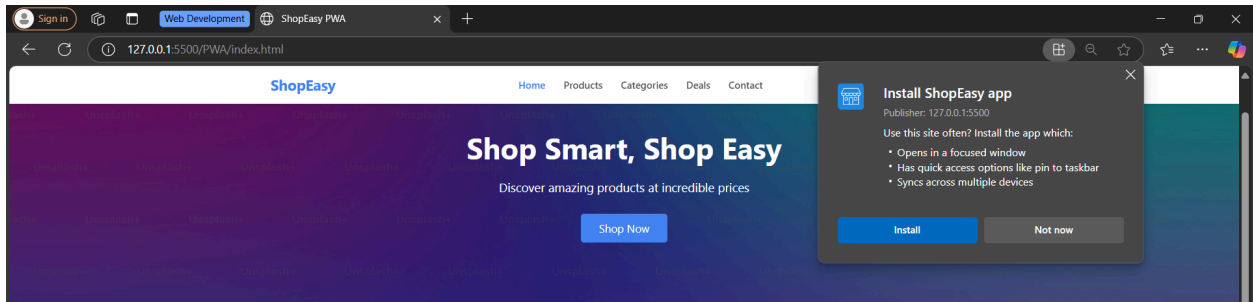
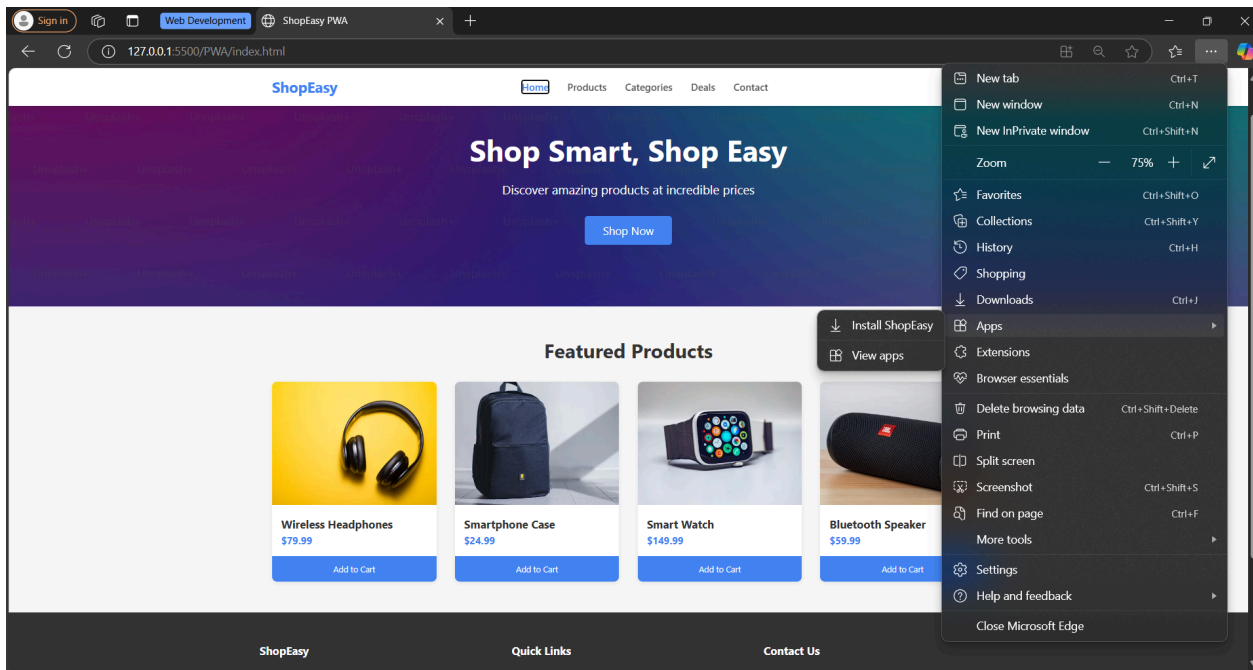
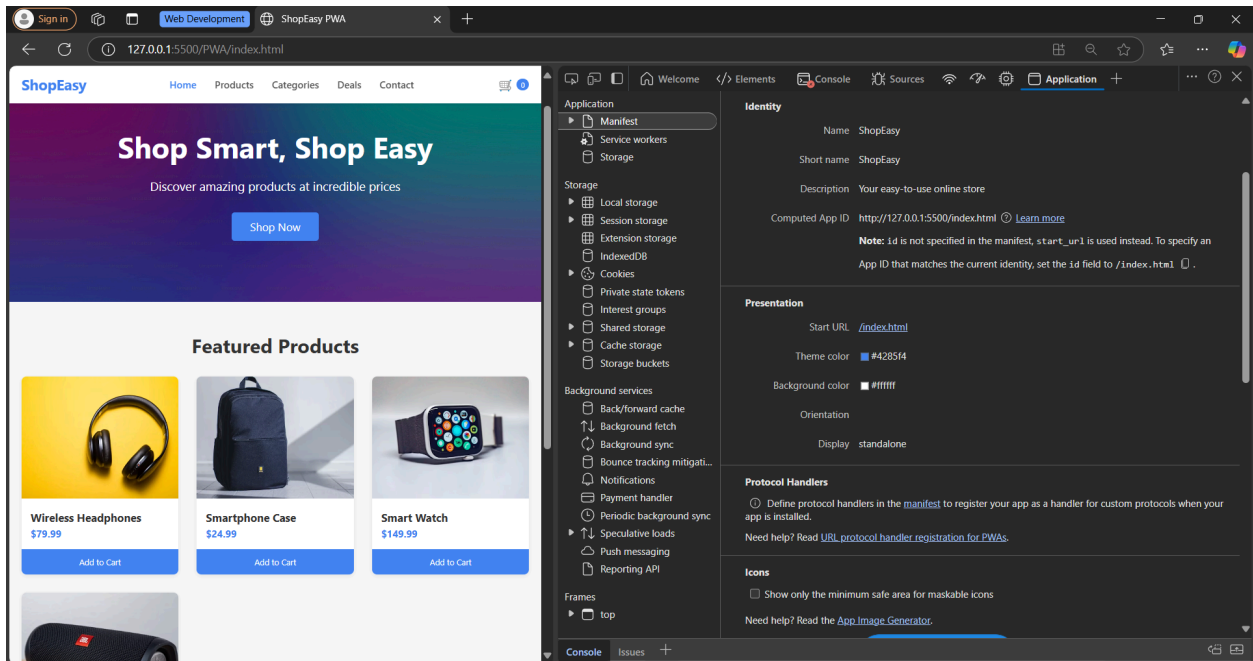
```

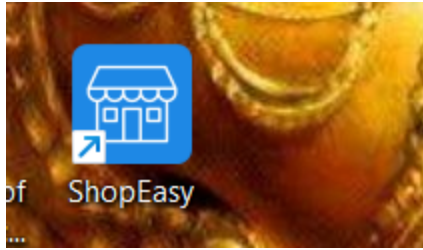
        <li><a href="#">Return Policy</a></li>
        <li><a href="#">Terms & Conditions</a></li>
        <li><a href="#">Privacy Policy</a></li>
    </ul>
</div>
<div class="footer-section">
    <h3>Contact Us</h3>
    <p>Email: info@shopeasy.com</p>
    <p>Phone: (555) 123-4567</p>
</div>
</div>
<div class="copyright">
    <p>&copy; 2025 ShopEasy. All rights reserved.</p>
</div>
</footer>
<script>
    if ('serviceWorker' in navigator) {
        navigator.serviceWorker.register('./service-worker.js')
            .then(registration => console.log('ServiceWorker registered'))
            .catch(err => console.log('ServiceWorker registration failed: ', err));
    }
</script>
<script src="app.js"></script>
</body>

</html>

```







### **Conclusion:-**

In this experiment, we successfully implemented the Web App Manifest for our ShopEasy app, enabling the “Add to Home Screen” feature with custom app name, theme color, and icons. Initially, we faced an issue where the app icon wasn't appearing, which we resolved by correcting the icon file path and verifying the JSON structure.