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MAD/PWA EXP 7

manifest.json	3/19/2025 9:19 AM	JSON Source File	1 KB
serviceworker.js	3/19/2025 9:14 AM	JSFile	1 KB
index.html	3/19/2025 9:11 AM	Microsoft Edge H...	1 KB
images	3/19/2025 9:18 AM	File folder	

//Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Expense Tracker</title>
  <link rel="manifest" href="manifest.json" />
  <link rel="stylesheet" href="styles.css" />
  <link rel="manifest" href="manifest.json" />
</head>
<body>
  <h1>Expense Tracker 💸</h1>
  <form id="expense-form">
    <input type="text" id="description" placeholder="Description" required />
    <input type="number" id="amount" placeholder="Amount" required />
    <button type="submit">Add Expense</button>
  </form>
  <ul id="expense-list"></ul>
  <h3>Total: ₹<span id="total">0</span></h3>

  <script src="app.js"></script>
</body>
</html>
```
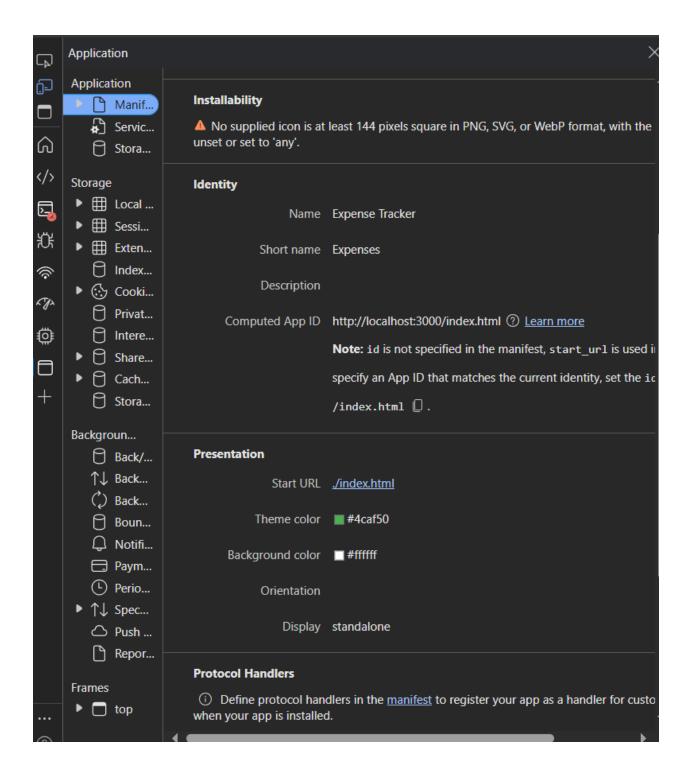
//manifest.json

```json
{
    "name": "Expense Tracker",
    "short_name": "Expenses",
    "start_url": "./index.html",
    "display": "standalone",
    "background_color": "#ffffff",
    "theme_color": "#4caf50",
    "icons": [
      {
```

```
        "src": "icons/icon-192.png",
        "sizes": "192x192",
        "type": "image/png"
      },
      {
        "src": "icons/icon-512.png",
        "sizes": "512x512",
        "type": "image/png"
      }
    ]
  }
```

//serviceworker.js

```javascript
const cacheName = 'expense-tracker-v1';
const filesToCache = [
  '/',
  '/index.html',
  '/styles.css',
  '/app.js',
  '/manifest.json',
  '/icons/icon-192.png',
  '/icons/icon-512.png'
];

// Install service worker
self.addEventListener('install', (e) => {
  e.waitUntil(
    caches.open(cacheName).then((cache) => {
      return cache.addAll(filesToCache);
    })
  );
});

// Activate service worker
self.addEventListener('activate', (e) => {
  console.log('Service Worker activated');
});

// Fetch data
self.addEventListener('fetch', (e) => {
  e.respondWith(
    caches.match(e.request).then((response) => {
      return response || fetch(e.request);
    })
  );
});
```

Application

Application
- ▶ 🗋 Manif...
- 🗋 Servic...
- 🗄 Stora...

Storage
- ▶ ▦ Local ...
- ▶ ▦ Sessi...
- ▶ ▦ Exten...
- 🗄 Index...
- ▶ 🍪 Cooki...
- 🗄 Privat...
- 🗄 Intere...
- ▶ 🗄 Share...
- ▶ 🗄 Cach...
- 🗄 Stora...

Backgroun...
- 🗄 Back/...
- ↑↓ Back...
- ↻ Back...
- 🗄 Boun...
- 🔔 Notifi...
- ⊟ Paym...
- ⏱ Perio...
- ▶ ↑↓ Spec...
- ☁ Push ...
- 🗋 Repor...

Frames
- ▶ 🖥 top

Installability

⚠ No supplied icon is at least 144 pixels square in PNG, SVG, or WebP format, with the unset or set to 'any'.

Identity

Name Expense Tracker

Short name Expenses

Description

Computed App ID http://localhost:3000/index.html ⑦ Learn more

Note: id is not specified in the manifest, start_url is used i

specify an App ID that matches the current identity, set the i

/index.html 🗋 .

Presentation

Start URL ./index.html

Theme color 🟩 #4caf50

Background color ⬜ #ffffff

Orientation

Display standalone

Protocol Handlers

ⓘ Define protocol handlers in the manifest to register your app as a handler for custo when your app is installed.

// SITE INSTALLED AS APP

Expense Tracker 🏷️

Description

Amount

Add Expense

Total: ₹0