How to Install and Use PWA for a Restaurant

This guide provides step-by-step instructions to install, develop, and deploy a Progressive Web App (PWA) for restaurant surveys and product recommendations on an iPad.

Step 1: Install Node.js

Check if Node.js is installed by running the following command in your terminal:

```
node -v
```

If not installed, download Node.js from https://nodejs.org/ and install it.

Step 2: Create a React App

```
npx create-react-app restaurant-survey
cd restaurant-survey
```

This creates a new React project for the restaurant survey app.

Step 3: Install PWA Dependencies

```
npm install workbox-core workbox-precaching workbox-routing workbox-strategies
```

Step 4: Enable PWA Service Worker

Modify `src/index.js` to enable service workers:

```
import * as serviceWorkerRegistration from './serviceWorkerRegistration';
serviceWorkerRegistration.register();
```

Step 5: Run the App Locally

```
npm start
```

This starts a local server on http://localhost:3000/. Visit the URL on Safari on your iPad.

Step 6: Deploy to Netlify (Free Hosting)

```
npm install -g netlify-cli
npm run build
netlify deploy --prod
```

After deployment, Netlify provides a URL to access your PWA.

Step 7: Install PWA on iPad

1. Open Safari on iPad and visit your deployed app's URL.

2. Tap the 'Share' button at the bottom.

3. Select 'Add to Home Screen'.

4. The app will now function like a native iPad app.