Making life easier with progressive web applications

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What Is A PWA?
Why A PWA?

Users Want A Native App
Developers Want A Single Codebase
Everyone Hates App Stores
Making A PWA
This application provides a number of utilities for Fisheries Division staff. You may install this application directly on your phone, tablet, or desktop - although some functions may not be available if you do not have an internet connection.
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Install On Your Home Screen
5.3 pounds

Ninety-five percent (95%) of fish will be between 4.66 and 5.7 pounds.
1. Icon
2. manifest.json

```json
{
  "name": "NGPC Fisheries Division Utilities",
  "short_name": "Fish Utils",
  "display": "minimal-ui",
  "start_url": "Index.htm",
  "theme_color": "#673ab6",
  "background_color": "#111111",
  "icons": [
    {
      "src": "util.png",
      "sizes": "192x192",
      "type": "image/png"
    },
    {
      "src": "util512.png",
      "sizes": "512x512",
      "type": "image/png"
    }
  ]
}
```
3. Service Workers

sw.js

```javascript
self.addEventListener('fetch', function(event){
});
```

site.js

```javascript
navigator.serviceWorker &&
navigator.serviceWorker.register('./sw.js').then(function(registration) {
    console.log('Excellent, registered with scope: ', registration.scope);
});
```
4. Security
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