

# PWA Requirements

- Manifest
- Icon
- Https secure connection
- Service Worker

## Manifest

The requirements that our manifest must have should look like this:

```
{  
  "background_color": "purple",  
  "description": "A short Description of your App",  
  "display": "fullscreen",  
  "icons": [    {  
    "src": "icon/YourImage.png",  
    "sizes": "192x192",  
    "type": "image/png"  
  }  ],  
  "name": "Progressive Web Application",  
  "short_name": "PWA",  
  "start_url": "/index.html"  
}
```

In your manifest's icons you can add more in order to adapt with SEO and download combatibility.

## Icon

Create a favicon of your preferred icon and install it on /root folder of the project

## HTTPS connection

The web site to be served from a secure (HTTPS) domain

## Service Worker

Now we have to register our serviceWorker.js and cache our preferred files to load when user has the PWA downloaded but he is offline. A minimum requirement of your start pages is suggested as cached pages.