3.1 Set Up PWA



This section will guide you to:

* Install and add PWA functionality in an Angular application

This guide has mainly four subsections, namely:

3.1.1 Creating an Angular application

3.1.2 Installing PWA and **http-server**

3.1.3 Building and running the application

3.1.4 Pushing the files to your GitHub repositories

**Step 3.1.1:** Creating an Angular application

* Create a new folder on your desktop in lab (/home/ubuntu/my-workspace)
* Run the below command to create an Angular application:

**ng new angpwa**

**Step 3.1.2:** Installing PWA and **http-server**

* Navigate to the application folder (/home/ubuntu/my-workspace/angpwa) and run the below command to install PWA and http-server:

**ng add @angular/pwa**

**sudo npm install -g http-server@0.9.0**

**Step 3.1.3:** Building and running the application

* Run the below command to build your application to the production mode:

**ng build --prod**

* Navigate to the application folder under **dist** folder and run the below command to serve the application on **http-server:**

**cd dist/angpwa**

**http-server -o**

* Open **localhost:8080** in your browser.
* To install or download the application to your local system:
* **For Chrome:** Click on the **+** button on the right corner of the address bar.

**Step 3.1.4:** Pushing the files to your GitHub repositories

Open your command prompt and navigate to the folder where you have created your files.

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add .

Commit the changes using the following command:

git commit . -m “Changes have been committed.”

Push the files to the folder you initially created using the following command:

git push -u origin master