Day 34 Workshop <u>Duration: 120 mins</u> Client Side Foundation

# **Objective**

The object of this workshop is to learn how to use Angular's HttpClient to make AJAX invocations. A second objective is to use Angular's service pattern to abstract and share commonly used functionalities

## Setup

- a. Create an account in openweathermap <a href="https://openweathermap.org">https://openweathermap.org</a>
- b. Create a new Angular project

# Workshop

Study the following API from openweathermap

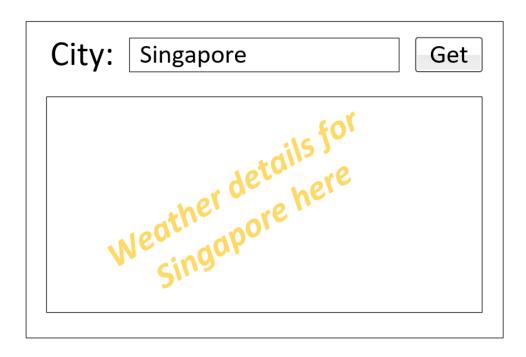
https://openweathermap.org/current

which returns the weather for a given city.

#### Task 1

Write an Angular service take takes a city's name and return the weather of that city. You may choose to return a few of the attributes.

Use your weather service in a simple application; a mockup of the application is shown below



### Task 2

Add an application manifest. You can find an online generator here <a href="https://manifest-gen.netlify.app/">https://manifest-gen.netlify.app/</a>

Commit your code after you have completed the workshop.

# **Optional Workshop**

Only attempt this if you have completed the workshop.

Use Angular Material components in the weather application

Publish the application to your BitBucket pages.