

# AngularJS Weather Test

Using AngularJS construct a SPA to allow the user to search for the 5 day weather forecast of any city.

This application needs two views.

The main view will show a simple search box and search button. The user will be able to enter a city and state (ie: Perth, Ontario) into the box and either click enter or the search button to get the results.

The second view is the results view. This page will display another search box and search button on the top, pre-populated with the previous search term where the user could search again for different. This page will also show the results of the previous search and display them to the user in a nice format.

To fetch weather forecast information please use the API documented here:

<http://www.openweathermap.org/forecast>

You can decide on how the results are displayed to the end user as long as they are nicely formatted and easy for the user to read as well as using the weather imagery provided by the api (for rainy, sunny, etc).

This application should be written in a modern style. Use HTML5 and CSS3 (SASS or CSS) styles as required. Angular/JavaScript for any scripting. CSS framework such as bootstrap or foundation are fine. Style simply needs to be nice and functional.

The site setup should be automated via Node, Grunt, Bower. Yeoman is also ok to use.

**Completed work should be submitted to a github or bitbuck repo and the repo link sent so that we can review.**

Bonus:

- 1) On the search results page allow the user to switch between Imperial and Metric units for the results
- 2) Show a loading spinner of some kind while searching so that the user knows things are loading.