



# **Angular Level 2 Certification mini-project**

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This document is online at  
<https://bit.ly/at-certification>



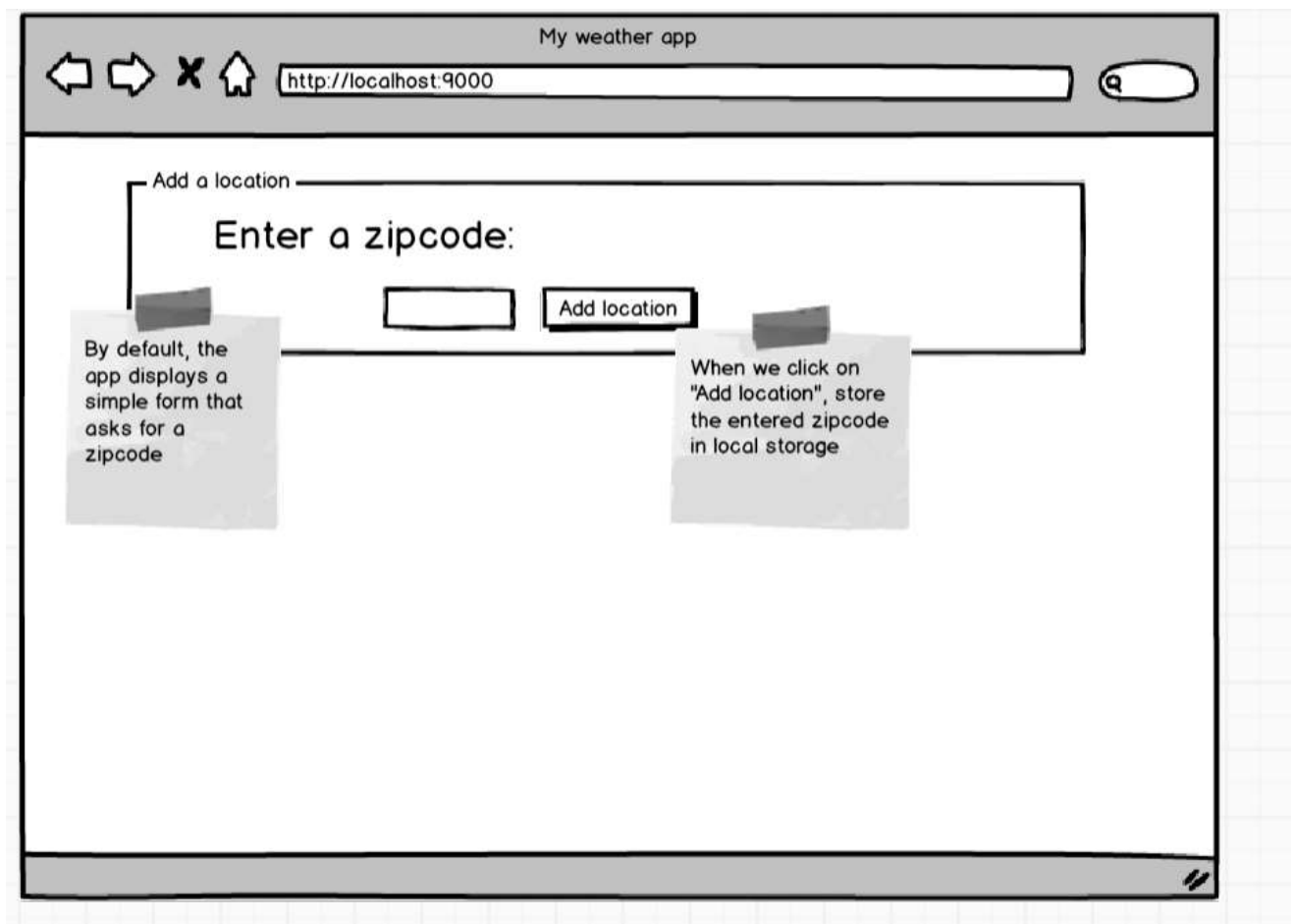
## GOAL: Build a small weather application that displays current weather and 5-day forecast info for a list of locations

For this project, you can use the online IDE StackBlitz and create a fork of the project at: <https://stackblitz.com/edit/ng-certification>

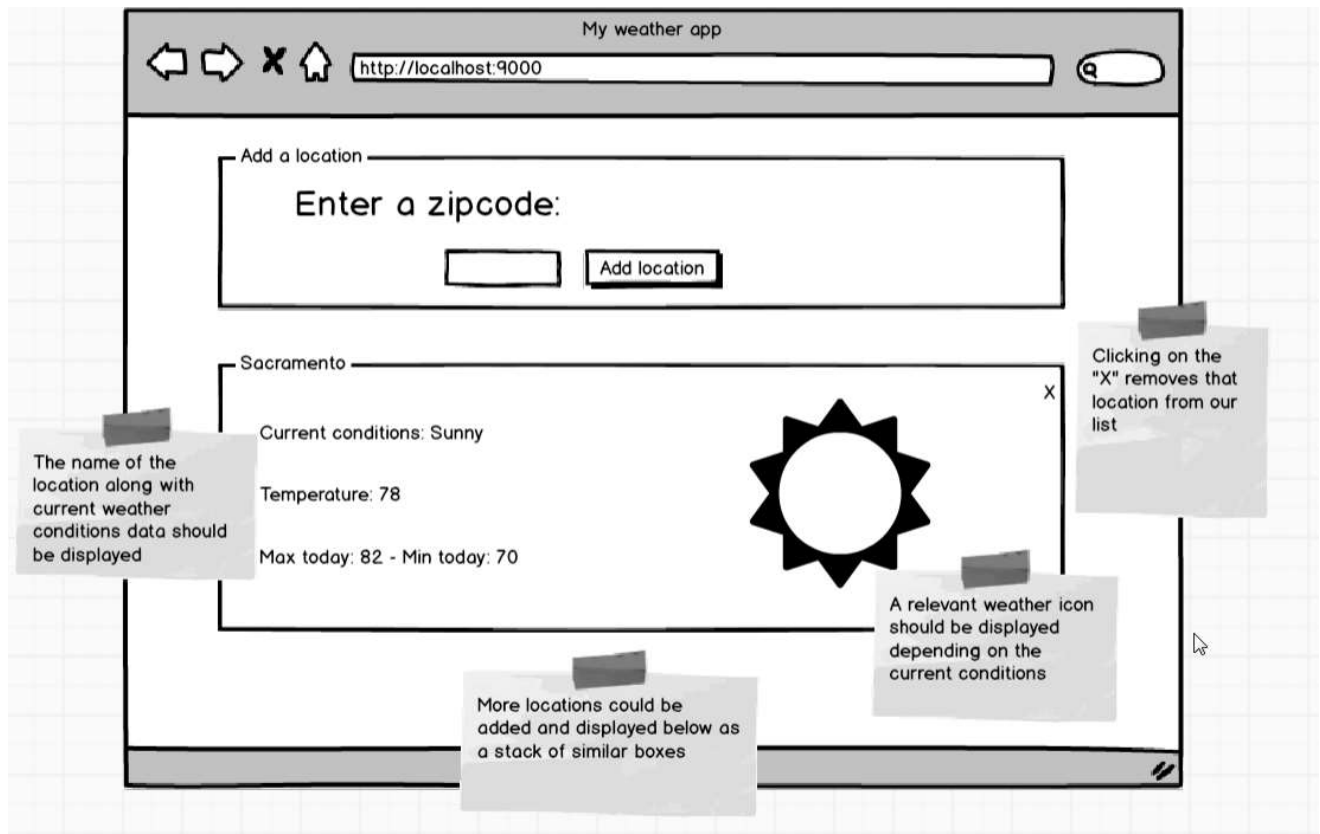
If you're not familiar with StackBlitz and want to use your own IDE and tools, you can clone the starting point GitHub repository from <https://github.com/alcfeoh/ng-certification>

In order to submit your work, you'll need to provide either the link to your StackBlitz project or a link to a Git repository that contains your code.

### STEP #1 - Implement the ability to enter a zip code and store an array of all entered zipcodes in local storage



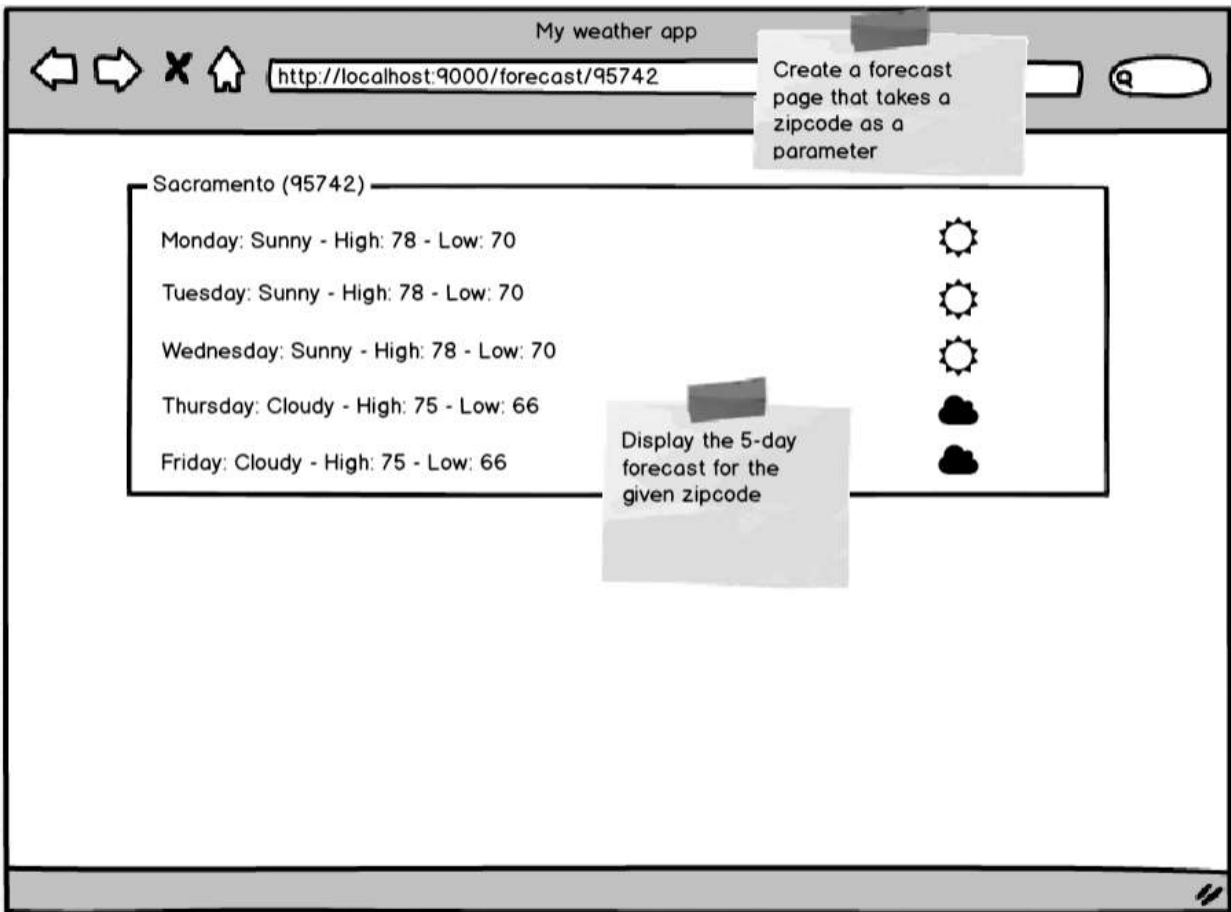
## STEP #2 - Display current weather conditions for all zip codes that have been added



### Extra instructions:

- Use Open Weather Map API to get weather data:  
<https://openweathermap.org/api>. You can borrow the following APP ID to use the API: 5a4b2d457ecbef9eb2a71e480b947604
- Use the weather icons from <https://www.angulartraining.com/images/weather/> (there are 4 different ones: sun.png, snow.png, rain.png, clouds.png)
- In case the API does not work, you can use the following back-up URL, which provides static data only for zipcodes 95742, 10001, and 33101:  
<https://lp-store.herokuapp.com/weather?zipcode=95742>
- The list of displayed locations should be restored from local storage when the application is loaded in the browser

## STEP #3 - Add a 5-day forecast page



### Extra instructions:

- Use the component router to add a **/forecast/:zipcode** URL that displays the 5-day forecast for the given zip code
- Add a button on that page to navigate back to the main page
- Once your application is working, **submit your work** by going to <https://angulartraining.com/certification/level2-step2.html>