




ASSIGNMENT 2 — WEATHER TRACKING APP

USER GUIDES

VERSION 1.0.0

MIN VO, SOPHIA ODLIN, AVISHKA MOHOTTI, MAN HOU UNG

TEAM 116
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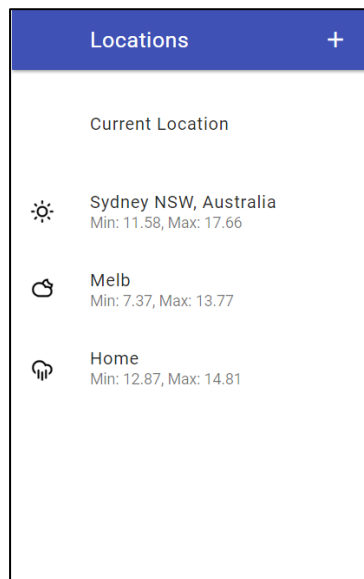
Introduction and Purpose

MAKS Apps, in conjunction with Switch Solutions, is proud to bring you this new Weather Tracking App that isn't only efficient in what it does but is also easy to use. The Weather Tracking App allows the users to search up and save any location they desire. Once a location is saved, by simply clicking on the saved location that the user wants to view, they are able to view that location's weather along with other information. In this user guide, you will be able to read about the features of the app, how the app works (accompanied with pictures) and also any known bugs and limitations the app has.

Features

- View weather of a desired location
- Save a location and its weather
- Nickname all saved locations
- View weather history in a particular location
- Show the user's current location and obtain its weather

App Overview



Upon starting the application, users will see the "Index page" showing all of the previously saved locations. If none have been saved this page will initially be blank. In order to add new locations the user can press the "+" icon. Alternatively they can immediately receive information about their current location by pressing the "current location" button in the location menu.

Figure 1: Index Page

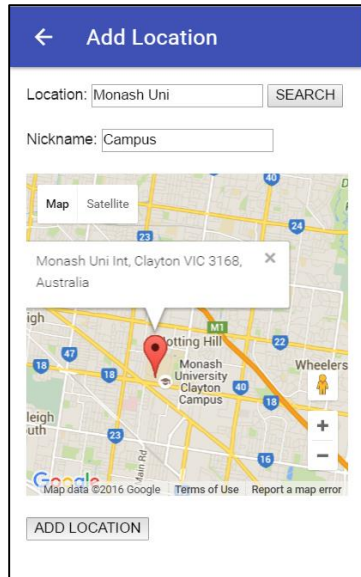


Figure 2: Add Location page

Once the “+” icon is clicked the user will be brought to this page, where they are able to search for any location and give it a nickname. Once the user has typed a location in the text box pressing SEARCH will show the location on the map. Afterward press the ADD LOCATION button at the bottom of this page to add the new location to the previous list of locations

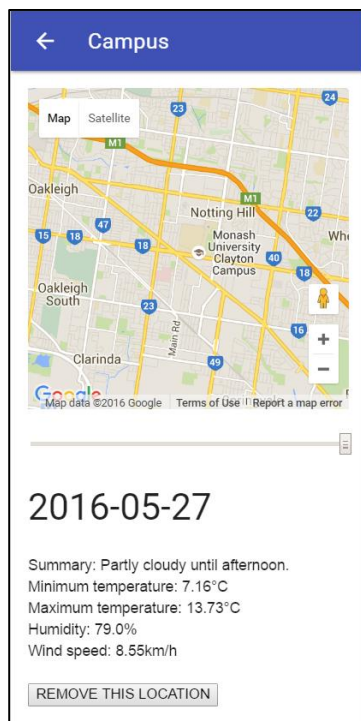


Figure 3: View Location page

This page shows what you will be brought to once a location has been clicked from the location menu. It will again show the location on a map and shows information about the location’s weather. You may also move the slider located below the map to view the weather history of the chosen location. Additionally if you wish to remove a location from the list of saved locations, simply press the REMOVE THIS LOCATION button located the bottom of this page.

Known Bugs or Limitation

- Assume the weather data is not stored in the cache yet. When users drag the slider quickly, even though the app will show “Loading weather...” while the information is not available yet, the data will instantly appears once it is received and, as a result, all those data will be shown at an instantaneous moment, being replaced one by one immediately until the final request finished, where the slider stops.
- The Dark Sky Forecast API (forecast.io) provides only 1000 free requests per account. After the quota is exceeded, the weather tracking app will not function as expected.