

Coding Assignment

Implement an iOS native app using Swift 4 to demonstrate your skills, ability to write clean and maintainable code and attention to details.

Requirement:

- Use a UITableViewController to ~~display weather information~~ of Sydney, Melbourne and Brisbane as start.
- Provide a way to ~~add more cities~~ using another modal view controller which includes ~~a search functionality to find a city by name or location.~~
- City IDs
 - o Sydney, Melbourne and Brisbane are: 4163971, 2147714, 2174003
 - o More city can be found from following link:
<http://bulk.openweathermap.org/sample/>
- Each cell should display at least two pieces of info: ~~Name~~ of city on the left, ~~temperature~~ on the right.
- Get real time weather information using ~~<https://openweathermap.org/current>~~ - You can register and get your API key for free.
- A sample request to get weather info for one city:
 - o http://api.openweathermap.org/data/2.5/weather?id=4163971&units=metric&APPID=your_registered_API_key
- Weather should be ~~automatically updated periodically.~~
- Use ~~Storyboard~~ and ~~Autolayouts~~.
- It is fine to use 3rd party libraries via ~~CocoaPods~~ or by other means.

Brownie Points:

- Use an ~~activity indicator~~ to provide some feedback to user while waiting for network response.
- Allow user to tap on a cell to open a new "~~Detail view~~", to show more information about the city such as current weather summary, min and max temperature, humidity, etc.
- Try to use ~~table view~~ or collection view to display details.
- ~~In the "Detail view", implement animations~~ to enhance the user experience.
- ~~Support all different dimensions~~ of the devices.
- ~~Support landscape and portrait view together~~

Submission:

- Share us a Dropbox link to the project source code(Preferred) or send it as a zip file.