

PlanRadar assessment for the React Native developer position

Task: Create a simple weather app

Specification

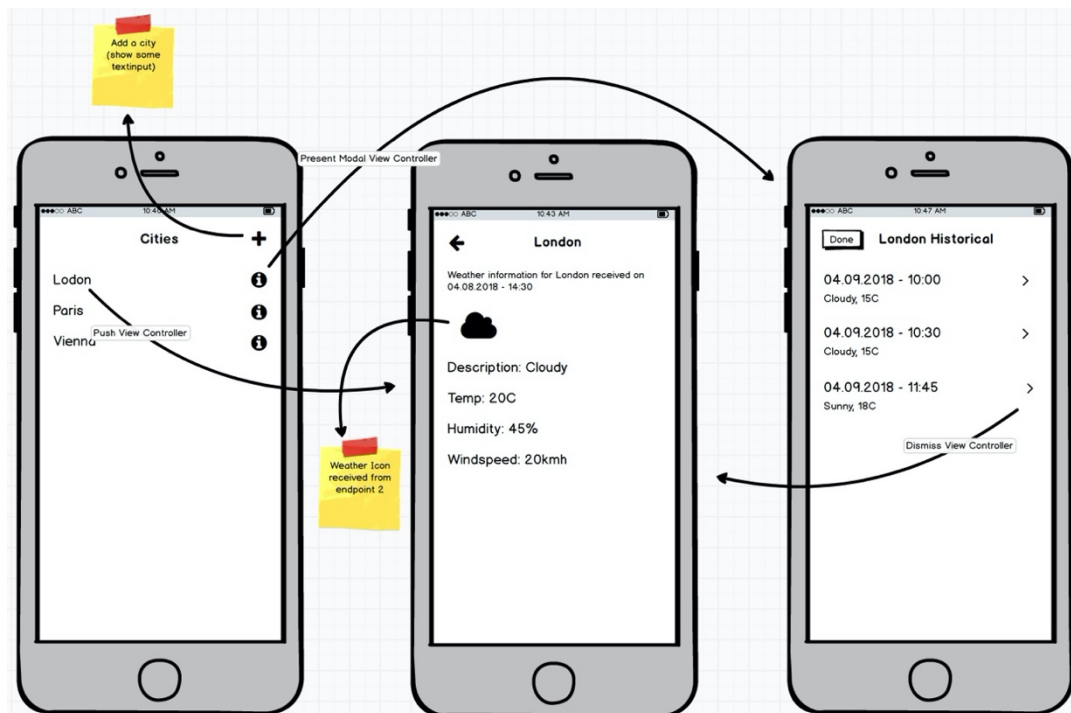
The user should be able to maintain a list of cities where he can get the current weather status as well as historical weather data. With historical weather data is meant all weathers requests the user has made with the app.

Create a table where the user can add/remove City names (I have tested with London, Vienna, Paris -> all giving valid responses for Endpoint 1).

After Click on an added City Name show a Detail page displaying the following information from the response of endpoint 1:

- weather.description
- main.temp (response is kelvin -> convert to celsius)
- main.humidity (in percentage)
- wind.speed

The request must be asynchronous, during the request show some loading indicator.



API Info

Weather API: <https://openweathermap.org>

API Key: f5cb0b965ea1564c50c6f1b74534d823

Endpoints to be used:

- 1) GET: api.openweathermap.org/data/2.5/weather?q=<CITY_NAME>
- 2) GET: http://openweathermap.org/img/w/<ICON_ID>.png

Note: If api can return icons that differ from the specs it doesn't matter for the assessment.

Assessment Grading

- App Architecture & Codestyle/quality & Documentation of Code
- User Interface (Pixel perfect design is a strong plus)
- Interpretation of specification
- Error Handling
- Tests

For any Questions on the assessment: mobile@planradar.com

Delivery

Zip File containing the source.