Mobile Developer Technical Test

Objective

This assignment would like to assess your skills and knowledge of following topics:
- Mobile development basics
- Design pattern and frameworks
- API and data handling
- Quality control

Requirements

Create an application that shows a current weather and 5 days forecast.
This application has 2 pages and has the following specifications

       Page 1
- Text field for enter city name
- Two labels for display temperature and humidity
- Image for display current weather
- Button for convert temperature in Celsius and Fahrenheit
- Right Navigation Bar for navigate to page 2

       Page 2
- Table view for display 5 days forecast (By city name at page 1)

Resources

API
The OpenWeatherMap API can be sign up by following the instructions at
https://home.openweathermap.org/users/sign_up

API key
You can generate API key at https://home.openweathermap.org/api_keys
and replace it in the application.

Notes*
API Doc for current weather: https://openweathermap.org/current
API Doc for 5 day: https://openweathermap.org/forecast5
JSON Example:

http://samples.openweathermap.org/data/2.5/forecast/daily?q=Bangkok&appid=b1
b15e88fa797225412429c1c50c122a1