

Weather app

Please complete the following:

Create a weather application to display the current weather at the user's location and a 5-day forecast.

Requirements:

- 1) You are required to implement one of 2 designs, the Forest design or the Sea design (see *iOS Screen Designs* or *Android Screen Designs* folders). You can choose either one.
- 2) The forecast must be based on the user's current location.
- 3) The application should connect to the following API to collect the weather information.
<https://openweathermap.org/current>
<https://openweathermap.org/forecast5>
- 4) You will be required to change the background image depending on the type of weather (Cloudy, Sunny and Rainy). Please use the provided assets and icons.

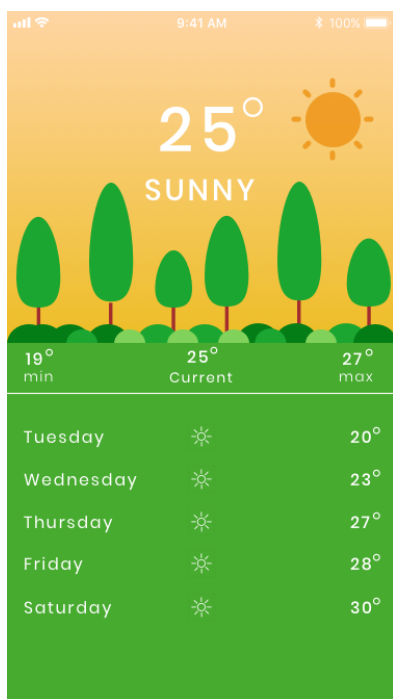


Figure 1: Forest Design



Figure 2: Sea Design

It is up to you to solve this problem using any technology/libraries you want to use. We recommend following good coding principles and architecture. We will be assessing not just your ability to code, but your coding style as well. Please make sure to submit your **best attempt** at the problem – don't be afraid to show off if you have the time!

Please upload the complete solution to a Git repository hosted on either Github, Bitbucket or GitLab.

Send through a public link to the solution and a downloadable app file to James Stewart (jstewart@jhb.dvt.co.za).