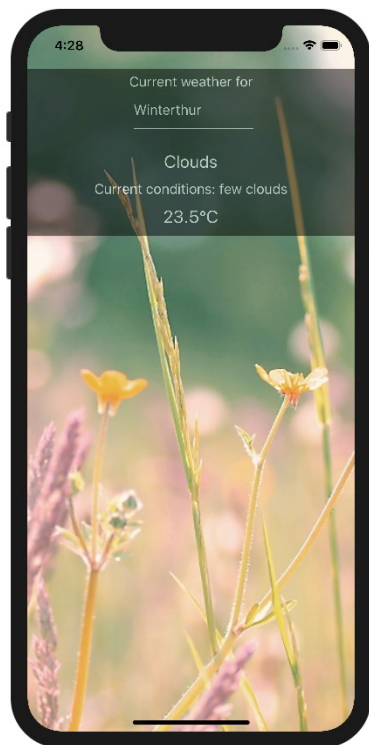


P05 React Native (2)

1

Create a React Native Project *WeatherProject* and add the files from *WeatherProject.zip*. It will be a simple weather app that displays current weather data. It should run on iOS as well as on Android.



2

Analyze and comment the sources. The component *WeatherProject* is introduced as a class, the *Forecast* component is a function. Analyze the differences. Optional: change *WeatherProject* to a function component.

3

Try to get the project running on your main platform (iOS or Android, optional: on both platforms). The API access is not yet implemented. To use the *OpenWeatherMap* API, an API key is necessary (available at their website <http://openweathermap.org/api>). If there are problems accessing the API you can use *mock_api_data.json* as a return value.¹ The temperature value seems to be wrong. Fix the problem. Probably some style adjustments will be necessary, too.

4

Improve the app. Some ideas: Add more images and change them based on the forecast. Add validation to the location field. Handle the response for unknown locations.

¹ As an alternative, try this: <http://wttr.in/Winterthur?format=j1>