Weather App

Create a plain front end application built on the latest version of React. It has to be bundled and transpiled using Babel and Webpack (or Parcel) and to be written in one of ES7/ES8/ES9.

Display a 5-day weather forecast, where each day shows the high and low temperatures, and an image for sunny/rainy/cloudy/snowy. Use fake, hard-coded data until you've got everything rendering correctly.

Here are requirements you could implement on the app:

- Add the ability to click on a day, and see its hourly forecast. You can just maintain the current view in the top-level App state;
- Add React Router to the project (`npm install react-router`) and follow the quick start guide here to add routes, such that `/` shows the 5-day forecast, and `/[name-of-day]` shows the hourly forecast for a particular day;
- Sign up for a free API key from Open Weather Map, fetch a real 5-day forecast, and feed that data into your app;
- Make use of the native Promise API;
- Include useful validation and/or error messages;
- Write at least one unit test;
- Provide clear instructions with steps to start and test the application;
- THIS IS OPTIONAL. Want to get really fancy? Add a graphics library like vx and follow the examples here to add a graph of the temperature over the course of a week or day;