React Challenge Instructions

Description

This project is designed to test your knowledge of front-end web technologies and assess your ability to create front-end UI products with attention to details, cross-browser compatibility, standards, and reusability.

Assignment

The goal of this exercise is to create a demo calendar application using React.

You should start by rendering a single month view of a calendar for the current month, along the lines of the illustration below:

Mandatory features

- Ability to add "*reminders*" (max. 30 characters) for a day and time specified by the user. Also, include a city.

- Ability to edit reminders - including changing text, city, day and time.
- Add a weather service call from MetaWeather, AccuWeather or VisualCrossing and get the weather forecast (e.g. Rain) for the date of the calendar reminder based on the city.

Bonus (Optional)

- Expand the calendar to support more than the current month or year.
- Properly handle overflow when multiple reminders appear on the same date.
- Unit test the functionality: *Ability to add "reminders" (max. 30 characters) for a day and time specified by the user. Also, include a city.*

Considerations

- Show us in the Readme all relevant information about your project.
- The project is completely focused on Front-end. Ignore the Back-end.
- Create your Calendar using the route `/calendar`
- Feel free to use small helper libraries for: -- UI Elements. -- Date/Time handling.
- **You must create the calendar component yourself**. Do not user calendar libraries like FullCalendar or Bootstrap Calendar.
- Provide working API keys to any external API you use.
- We have implemented Redux thunk for state management, but you may use any state manager you are familiar with.
- Show us your capabilities on CSS and styling, if possible.

How to deploy

- Run `npm install` | `yarn install` to install all dependencies.
- Run `npm start` | `yarn run` to run the app locally.
- You can find the project running on `localhost:3000`.