TS Technologies (Pvt) Ltd.

Practical Test - React

Duration: 2 hours

Please use your computer with any of your favorite IDE.

Preferred development environment and Technology.

You may use any Technology mentioned below which may be comfortable to you.

1. ReactJs

Scenario

Use Case / Requirements: -

You need to create a webpage that displays the weather information as the sample provided. You are provided with an open weather API call to fetch **the today's weather**.

You need to create 2 fields to input latitude(lat) & longitude(lon). Once the user press enter key on 2ⁿᵈ field you need to call the following APIs to fetch data from OpenWeatherAPI.
(pass the user input latitude and longitude for request parameters)
1. Current Weather Information
   https://api.openweathermap.org/data/2.5/weather?lat=6.9271&lon=79.8612&units=metric&appid=33c92b0552e0eea71460739025382726

Note:
- You can get the weather icons by calling following url
  http://openweathermap.org/img/wn/{icon name}@2x.png
  (ex: http://openweathermap.org/img/wn/10d@2x.png)
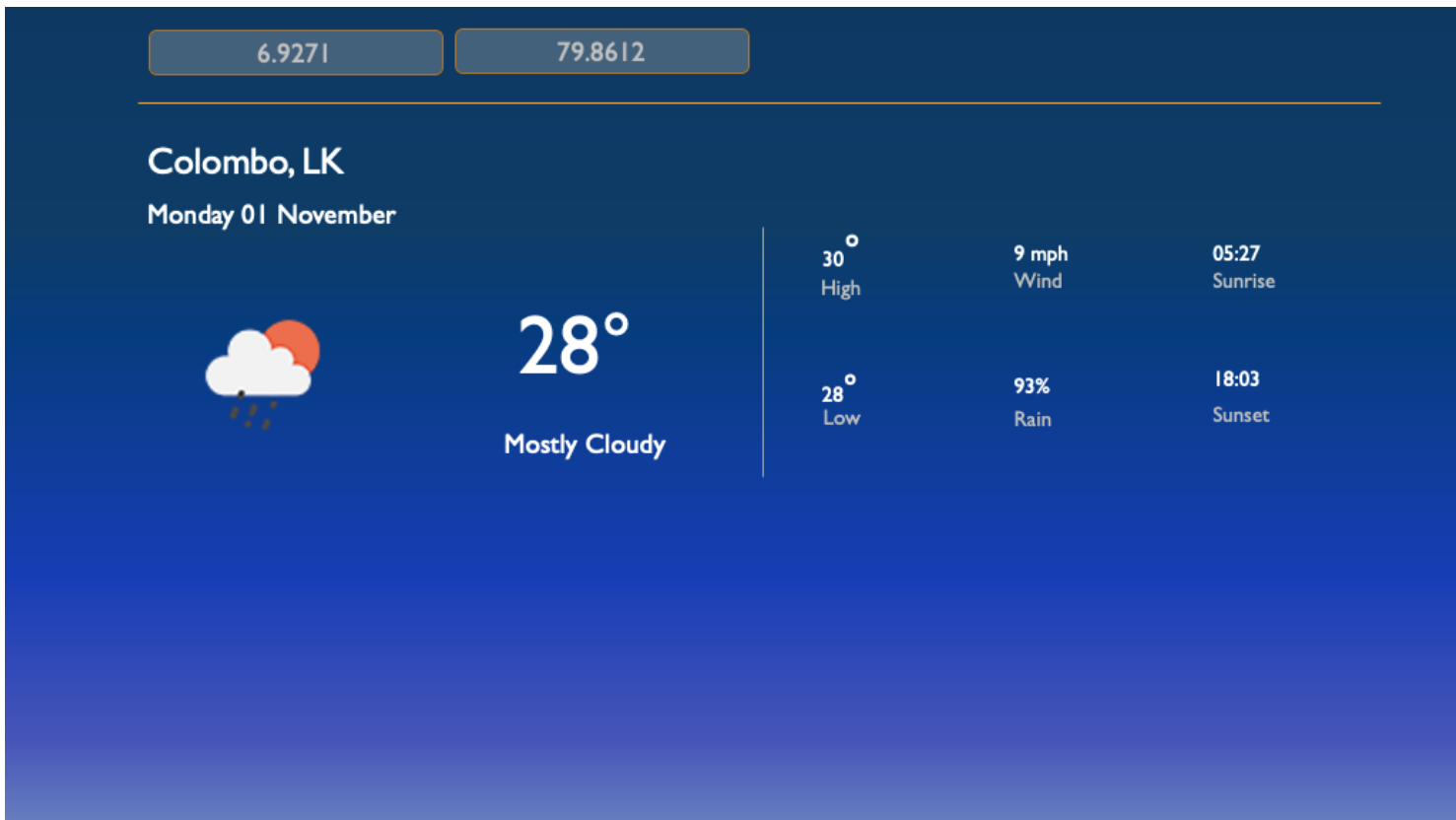
Must have
- API calling and response handling
- Format date to user readable format
- Proper error messages
- Field validations

Should have
- Responsive UI
- API error handling

After 2 hours you should take a screenshot of your web UI and send it with the project files as a zip/rar.

Expected Sample UI

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JSON response field guide