Coding Exercise

Write an application that provides the weather forecast for any searchable city.

Acceptance Criteria

- The user can search for any city and get the weather forecast.
- In the search result, the user can see the current weather status.
- The user can see the weather for the next 5 days.
- Using CSS, style the front-end application to match the provided reference file as closely as possible.

Frameworks and Libraries

We recommend React, TypeScript, Nodejs in ES6, CSS

What We Are Looking For

- How you architect and scaffold an application
- Clean, readable and maintainable component design
- Solid principles/best practices
- Clear Data Flow and State Management
- Good understanding of CSS styling and layouts

Other

- We would like to run your application, so please provide a clear description of how to run and test your project.
- We don't have any time limit for this test, but we believe you can finish it within a couple of days.
- We would like to see a production quality project, so let us see your understanding of it from the application code and build process.
- Please provide feedback on how you approached the project and explain to us, at a high-level, your technical and architectural decisions.
- Use the reference as a base design, but feel free to add additional features, components, and styles.

Additional Resources

- https://openweathermap.org/
- http://erikflowers.github.io/weather-icons/
- Font-family: Inter
- Disclaimer Text:
  The information provided by this weather application is for general informational purposes only. All weather data, forecasts, and alerts are obtained from third-party sources and are provided "as is" without warranty of any kind, either express or implied. While we strive to provide accurate and timely information, we make no representations or warranties of any kind regarding the accuracy, completeness, reliability, or suitability of the weather data presented.
  Users are advised to consult official government sources and exercise their own judgment when making decisions based on weather conditions. The App and its developers are not liable for any direct, indirect, incidental, or consequential damages or losses arising from the use of or reliance on information provided by the App.
  By using this App, you agree to assume full responsibility for any decisions or actions taken based on its content.

PLEASE FIND A REFERENCE IMAGE ON THE NEXT PAGE

Search

Search by city

Weather

Chicago
80°

5-Day Forecast

Today	Tuesday	Wednesday	Thursday	Friday
L 69° H 81°	L 69° H 81°	L 69° H 81°	L 69° H 81°	L 69° H 81°