Weather Dashboard application (Forte Group FE assignment)

Create a Weather Dashboard application where users can:

1. **Search for a city to get current weather details.**
2. **View the current weather, including temperature, humidity, and wind speed.**
3. **Save favorite cities and view their weather data.**
4. **Remove a city from the list of favorites.**

API:

Use the OpenWeatherMap API to fetch weather data. You can sign up for a free API key here. (**first 1000 API calls per day are free**)
- Geocoding API (to obtain city coordinates **lat** and **log**)

Requirements:

- **HTML/CSS:**
  - Design a simple and user-friendly interface using semantic HTML5.
  - Style the application with custom CSS, ensuring a responsive design.
- **React:**
  - Use functional components.
  - Manage state with React hooks (useState, useEffect) for local component state.
- **Redux:**
  - Use Redux for global state management.
  - Manage the list of favorite cities in the global state.
- **API Integration:**
  - Use fetch or axios to make API calls to OpenWeatherMap.
  - Handle loading states and errors gracefully (e.g., display a loading spinner or error message).

Bonus Points:

- Implement local storage so that the list of favorite cities persists when the page is refreshed.
- Utilize Redux Toolkit to set up the store, slices, and actions.
- Add unit tests for Redux slices and actions.
- Display additional weather details, such as a 5-day forecast.

Submission Instructions:

- Create a private GitHub repository.
- Implement the required features in your repository.
- Push your code to the repository.
- Provide a link to the repository

Evaluation Criteria:

- **Code Quality:** Clean, well-organized, and well-commented code.
- **Functionality:** Does the app meet the basic requirements?
- **State Management:** Proper use of Redux and Redux Toolkit.
- **API Integration:** Correct use of the REST API.
- **User Interface:** Aesthetic and usability of the UI.
- **Bonus Features:** Implementation of bonus points.