

Weather Forecast App

Prepared For:

The Quantum Insider

Prepared By:

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Brief:

Weather Forecast App task for “The Quantum Insider” for Front-End position.

Deliverables :

- User can select his location from dropdown lists.
- User switch the temperature unit from Celsius to Fahrenheit and vice versa.
- Current temperature is displayed and temperature every 3 hours.
- Weather details are displayed Real Feel temperature, Humidity , Cloud Cover , Min Temp and Max Temp.
- Weather condition (e.g. Rainy, Sunny, etc) is displayed with icon.

Software Tools:

- HTML
- CSS
- Bootstrap
- Tailwind

- ReactJs
- Axios
- Fetch
- API for Cities: [API](#)
- API for Weather: [API](#)
- Jest
- testing-library (React)

Sample Use-Cases:

Use Case Name:	Get Weather	
Actors:	User	
Pre-conditions:	User select City and Unit of Temp.	
Post-conditions:	User Successfully get Temp.	
Flow of events:	User Action	System Action
	1- User Enters required information: Country, State, City and Unit	
		2- System get Weather Successfully.
Exceptions:	User Action	System Action
	1- User Enters	

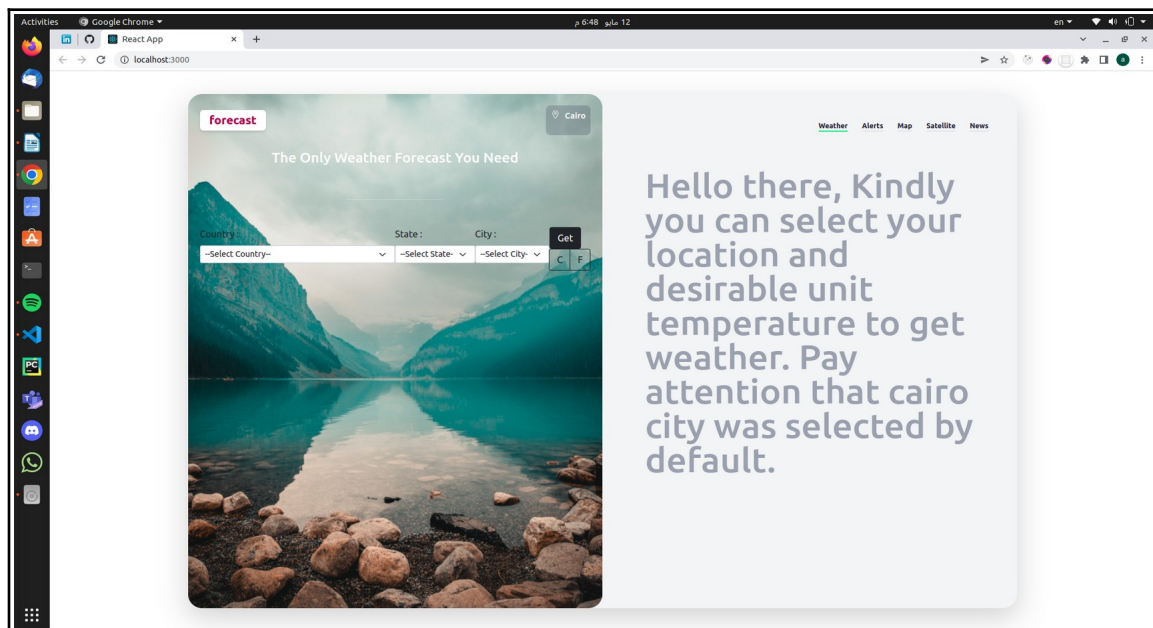
	Invalid Information doesn't match the requirements.	
		2-System Still display instructions
Includes:	Get Weather	
Notes and Issues:		

Github:

- Link: <https://github.com/abrar4799/weather-forecast-app>

How it works?

User follow instructions to get Weather.



User Can get Weather in celsius and convert in to fahrenheit.

