

Trip app with countdown timer and weather forecast

Using React.js (preferably, but you can use Angular or any other framework), implement a Trip app where users can see the weather forecast for their upcoming journeys, following these requirements:

1. Visualization of the page: **Main.png**.
2. Upon starting the application, user should already have a static list of trips (1 trip is enough). The list should be scrollable.
3. When user selects a trip from the list, a **forecast for each day of the trip** should be displayed.
4. On the top:
 - a. There should be a possibility to **search** for a trip
5. The app should include a button for **adding a new trip**. When the user clicks on "Add trip," a modal window should appear. Inside the modal, the user should have the ability to:
 - a. Choose a city from a predefined list (you should have a mock list of cities that the API supports, with images).
 - b. Enter the start date of the trip (the start date should be within the next 15 days).
 - c. Enter the end date of the trip (the end date should be within the next 15 days).

Upon clicking "Done," the trip should be added to the list.

Modal visualization **Modal.png**

6. On the right side of the page:
 - a. When user selects a trip, **today's** weather forecast for that city should be displayed.
 - b. There should be a countdown timer **from the current date to the start date of the trip**.

Additionally:

1. Implement next and previous buttons for the list to handle scrolling better
2. Sort trips by start trip date
3. Implement login through third-party providers (Gmail, Facebook, etc.) - at least one of
4. Implement store data (trips) after reloading page

Please, don't use any UI components libraries, only HTML/CSS

Free weather API:

<https://www.visualcrossing.com/resources/documentation/weather-api/timeline-weather-api/>

Notes:

1. To get YOUR_API_KEY you need to register an account
2. Available 1000 records/day for free

API for getting forecast from - to for the city

[https://weather.visualcrossing.com/VisualCrossingWebServices/rest/services/timeline/\[city\]/\[date1\]/\[date2\]?unitGroup=metric&include=days&key=YOUR_API_KEY&contentType=json](https://weather.visualcrossing.com/VisualCrossingWebServices/rest/services/timeline/[city]/[date1]/[date2]?unitGroup=metric&include=days&key=YOUR_API_KEY&contentType=json)

API for getting today's weather for the city

[https://weather.visualcrossing.com/VisualCrossingWebServices/rest/services/timeline/\[city\]/today?unitGroup=metric&include=days&key=YOUR_API_KEY&contentType=json](https://weather.visualcrossing.com/VisualCrossingWebServices/rest/services/timeline/[city]/today?unitGroup=metric&include=days&key=YOUR_API_KEY&contentType=json)