Evaluation Task: Fetching and Displaying Articles from Time.com API

Task Overview

You will build a React.js application using Vite.js and Tailwind CSS that fetches articles from the Time.com API. The task evaluates your ability to interact with external APIs, manage state, and create a responsive user interface.

Requirements

1. **Fetch Articles**:

   - Create a component that fetches the latest articles from the Time.com API.

   - Display the article titles and publication dates in a list format.

2. **Article Details**:

   - Allow users to click on an article title to view more details, such as the author and a brief summary.

   - Display the selected article's details below the list.

3. **Search Functionality**:

   - Implement a search bar that filters the articles based on the title.

   - The search should be case-insensitive and update the displayed list in real-time.

4. **Responsive Design**:

   - Ensure the layout is responsive and looks good on both mobile and desktop screens.

   - Use Tailwind CSS for styling, focusing on utility classes for responsiveness.

5. **Loading and Error States**:

- Display a loading indicator while fetching data.

- Handle errors gracefully with an appropriate message if the API request fails.

6. **Good UX Practices**:

- Provide feedback on interactions, such as highlighting the selected article and changing hover colors on buttons and links.

- Ensure smooth transitions and a clean, modern look using Tailwind CSS.

Evaluation Criteria

- **API Integration**: How well you fetch and handle data from an external API.

- **State Management**: Effective use of React state to manage fetched data and UI interactions.

- **UI/UX Design**: Adherence to responsive design principles and good UX practices.

- **Code Quality**: Clean, well-organized, and maintainable code.

- **Error Handling**: How gracefully the application handles errors and edge cases.

This task will assess your ability to create a functional, user-friendly interface that interacts with real-world data sources while adhering to best practices in front-end development.