



Frontend Task

Task:

Create an Angular application with a search feature for GitHub users. Implement this functionality using RxJS for handling asynchronous operations and NgRx for managing the application state.

Details:

The application should include a search box for entering a GitHub username.

The application should not make a request to the GitHub API until the user has stopped typing for at least 300 milliseconds.

The application should use NgRx to manage its state and handle the API requests.

The application should display a list of users returned from the GitHub API.

The application should handle potential errors from the API and display an appropriate message.

Requirements:

Use Angular for the application framework.

Use RxJS for handling the typing debounce in the search box and for handling the API requests.

Use NgRx for managing the application state.

Evaluation:

The task will be evaluated based on the following criteria:

Correctness: The application should implement the described functionality and meet all the requirements.

Code Quality: The code should be clean, easy to read, and well-organized.

Error Handling: The application should handle potential errors, such as a failed API request.

Understanding of Angular, RxJS, and NgRx: The application should demonstrate a good understanding of Angular, RxJS, and NgRx.