

Web FE Homework assignment (pure)

Description

You are tasked with building a **"Posts Management Dashboard"** that will display, add or remove posts of a users fetched from an external API. The app will communicate with a mock API (provided below) to read a list of posts, fetch details for individual posts, and submit changes (i.e., adding or removing posts). It should also aggregate additional data (such as comments or user information) from other endpoints and display it in the UI.

User 1

Add

Post 1 Data

Delete

Comment 1 author
Body

Comment N author
Body

Post 2 Data

Delete

Comment 1 author
Body

Comment N author
Body

Post N Data

Delete

Comment 1 author
Body

Comment N author
Body

User N

Add

Post 1 Data

Delete

Comment 1 author
Body

Comment N author
Body

Post 2 Data

Delete

Comment 1 author
Body

Comment N author
Body

Post N Data

Delete

Comment 1 author
Body

Comment N author
Body

Task requirements

- **Create a web app** - as per description, using your choice of stack. Please use react.js
 - UI/UX part is left unspecified on purpose. Feel free to use whatever design you think fits best. There are no restrictions on what can be used to build out the UI.
 - There are no limitations of what libraries or utilities you prefer to use.
 - Show or explain how major parts of the application could be tested.
 - Consider that the app should be easily extendable for a future modifications.
- Prepare a documentation in a README.md file
 - Document how the app could be setup for local development as well as how to run in for testing purposes.
 - Briefly explain you decisions regards UI development and what methods you chose.
 - Please include anything, that you think, could further be improved in the app but wasn't yet implemented. This can include all sorts of improvements - technical, architectural, structural, design, product or even actual requirements for a tasks.
- **Mock API** that should be used for a task - <https://jsonplaceholder.typicode.com/>
 - **Note:** as this is a mocked API be aware that data changes will not be persisted on the server. Let's assume that the data is persisted on the server upon successful API response and make updates on the client side accordingly.

Feel free to reach out to vytautas.butkus@argyle.com anytime, for any questions or clarifications about the homework assignment.