

Assignment (React)

1. Build an application in React JS with following features using a mock API server (<https://reqres.in>) (Important: Please refer to <https://reqres.in/> for API documentation)

- Authenticate the user on the login screen.
- Create a grid to list users available via <https://reqres.in/api/users> API call.

My Customers					
<input type="text" value="Search for names,username,email,phone.."/>					
					Add user
Name	Username	Email	Phone	Created Date	Action <input type="text"/>
Test1 Test1	test1	test1@gmail.com	1234567890	09-22-2020	Edit Delete
Test1 Test1	test1	test1@gmail.com	1234567890	09-22-2020	Edit Delete
Test2 Test2	test2	test2@gmail.com	1234587890	09-12-2020	Edit Delete
Test3 Test3	test3	test3@gmail.com	1234537890	03-02-2020	Edit Delete
Test4 Test4	test4	test4@gmail.com	1234567490	12-21-2020	Edit Delete

- 1. Provide buttons to edit user information, delete, add a new user and search buttons to search user on the basis of any field
- 2. On click of the Add button, there should be a new page with input fields in which you can add a new user's information. On submit, create a new user via CREATE API

Add User

Name:

username:

email:

Phone:

3. On Click of Edit user, should be navigated to the new page as shown below and update information.
4. The user should be able to delete the user from the server by clicking the delete button. Ask user confirmation before deleting the record.
5. You can use Redux (optional) to manage data.) => 5. You can either use Redux or context-api. Using a state-management tool is mandatory.

Evaluation Criteria

We would evaluate the solution on the following metrics

1. DRY code with help of Component (Class, functional component, Hooks)
2. redux integration and state management with Redux and react
3. React router dom integration for routing
4. Use of latest features of React like Hooks, Context
5. Mock API integration with redux action (optional)
6. Please include unit tests as much as possible

Please focus more on the React side rather than HTML design. Raw HTML is fine