

Assignment (React Project)

Deadline : 17 th Aug 2022

1. In this assignment there will be a user store. There should be 2 fields which are **username** and **age**.
2. There should be a button named **Add User**.
3. When the button is clicked the user should be added to the store.
4. Button should be a custom component and button label should be passed from the parent component.

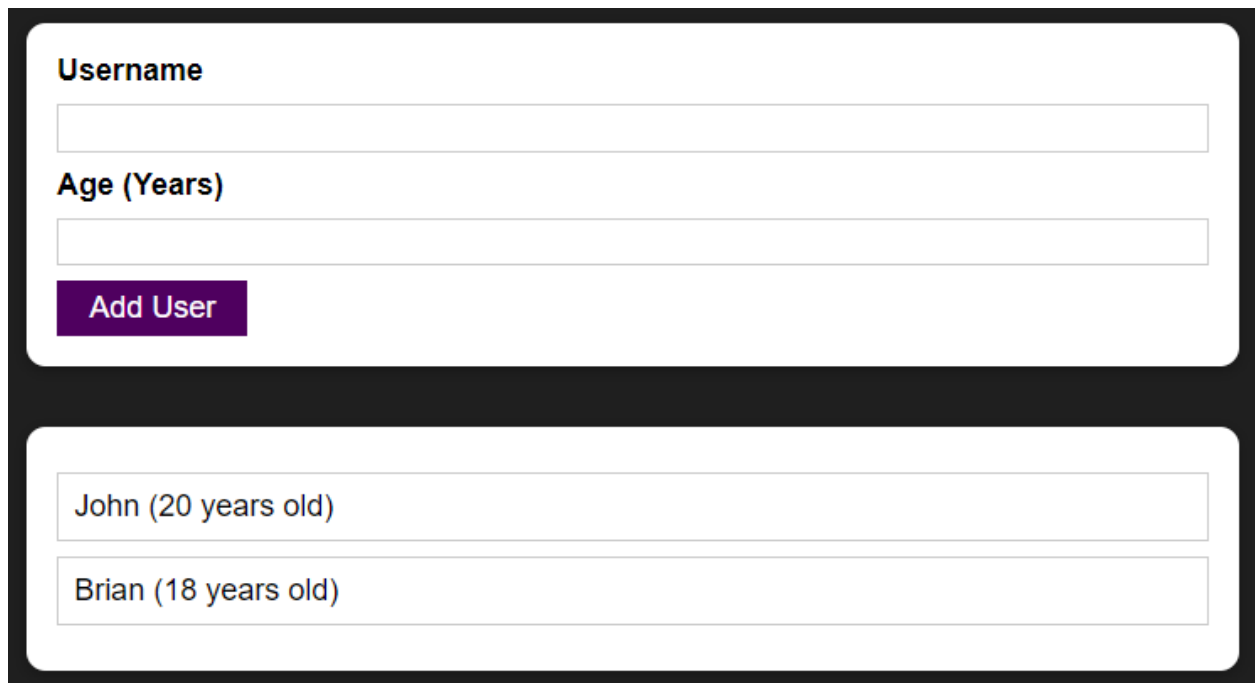
A user form with a white background and rounded corners, set against a dark background. It contains two text input fields: the first is labeled 'Username' and the second is labeled 'Age (Years)'. Below the 'Age (Years)' field is a purple button with the text 'Add User' in white.

Username

Age (Years)

Add User

5. Users list should be able to display under the users form.

The image shows two parts of the UI. The top part is the same user form as in the previous block, with 'Username', 'Age (Years)' fields, and an 'Add User' button. The bottom part is a list of users, consisting of two white boxes with rounded corners. The first box contains the text 'John (20 years old)' and the second box contains the text 'Brian (18 years old)'.

Username

Age (Years)

Add User

John (20 years old)

Brian (18 years old)

6. Use a custom Card component for the form and the users list component as in lecture 02.
7. Validation should be implemented.
 - a. Ex : numbers cannot be added to the username and age field can only accept numeric values.
8. Use a custom modal for error displays (use the ErrorModal.css). This could be a component.
9. As an example you can use the following component structure.

Components

UI

Button.js
Button.module.css
Card.js
Card.module.css
ErrorModal.js
ErrorModal.module.css

Users

AddUser.js
AddUser.module.css
UsersList.js
UsersList.module.css

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Help :

- *You can use the css files as attached to the assignment.*
- *Use the following syntax for rendering lists.*

```
{props.users.map((user) => (  
  <li key={user.id}>  
    {user.name} ({user.age} years old)  
  </li>  
))}
```

Doc : [Array.prototype.map\(\) - JavaScript | MDN \(mozilla.org\)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/prototype/map)