

Dig-it-ally hiring task

Create an app, that has a login-like screen containing 1 input field for username and a Login button. On clicking the Login button, call the provided `checkUsername` function. If the provided username is valid, `checkUsername` will return an email address. Handle returned errors. After successful login, show a new screen with the returned email address.

Requirements

- use React function components
- use Material-UI
- use provided `checkUsername` function
- use state handling (e.g. no email address as url argument)

checkUsername function

```
export async function checkUsername(username) {
  // simulate API response delay
  await new Promise((res) => setTimeout(res, 100));

  if (RegExp(/^[a-z-_.]+$ /i).test(username) === false) {
    return { error: "InvalidFormat", data: "username can only consist of
characters a-z, A-Z, '-', '_' and '.'" };
  }

  if (["admin", "null", "root"].includes(username)) {
    return { error: "AlreadyExists", data: "this username is already taken"
};
  }

  return {
    error: null,
    data: `${username.toLowerCase()}@dig-it-ally.com`,
  };
}
```