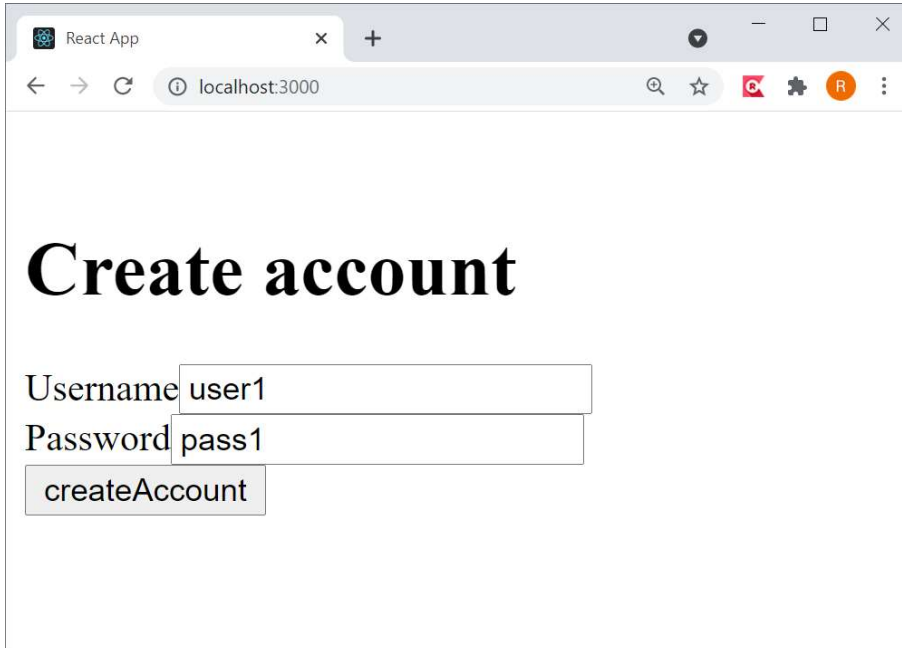


Write in one react project the following application:

Part 1:



React App

localhost:3000

Create account

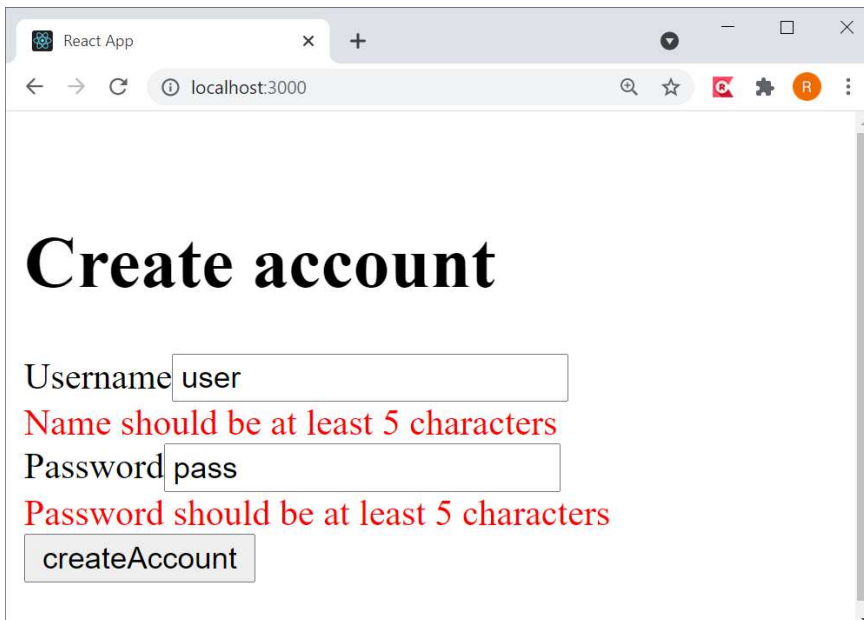
Username

Password

Show this create account page with the following validation:

- Username needs to be between 5 and 10 characters long
- Password should be at least 5 characters long

When you click the **createAccount** button, the validation errors should be shown:



React App

localhost:3000

Create account

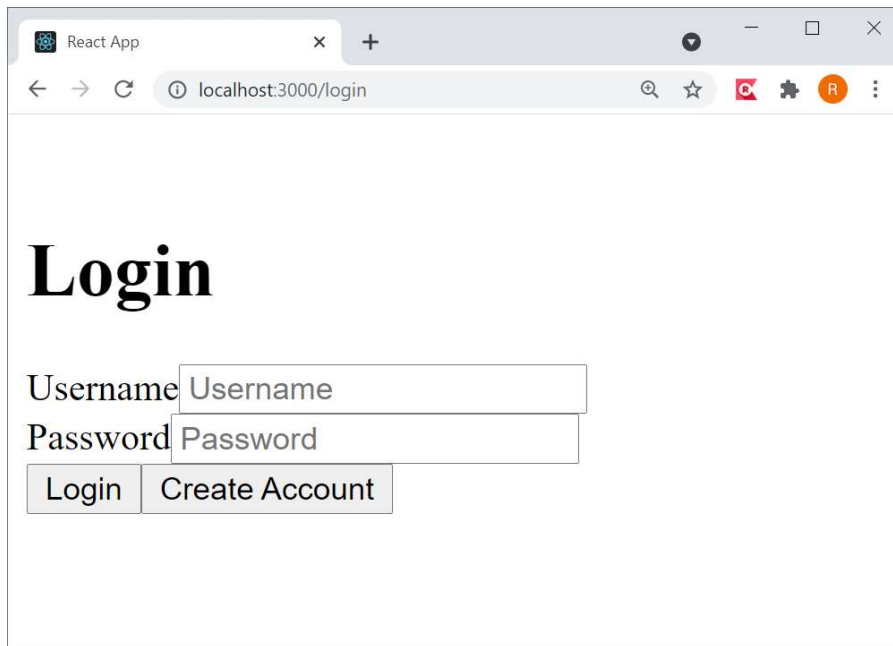
Username

Name should be at least 5 characters

Password

Password should be at least 5 characters

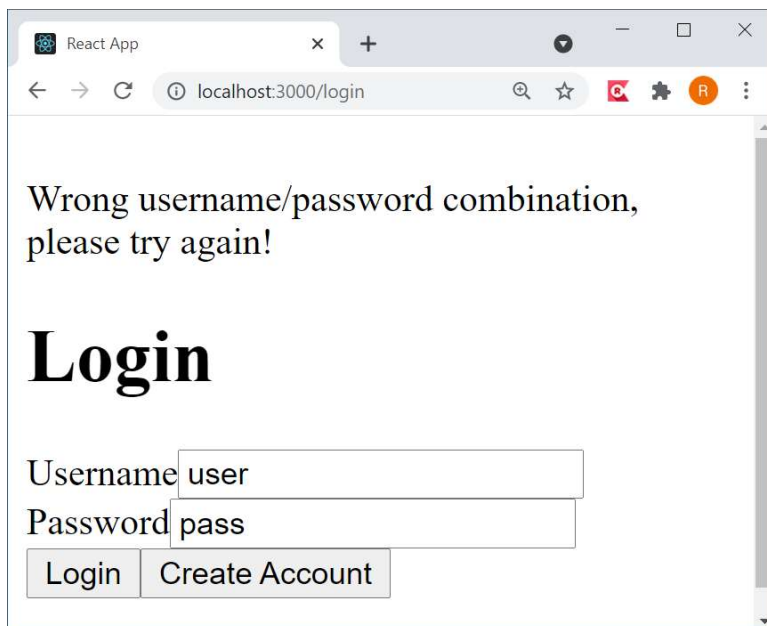
When the username and password are correctly validated when you click the **createAccount** button, then you should navigate to the **login** page:



Part 2

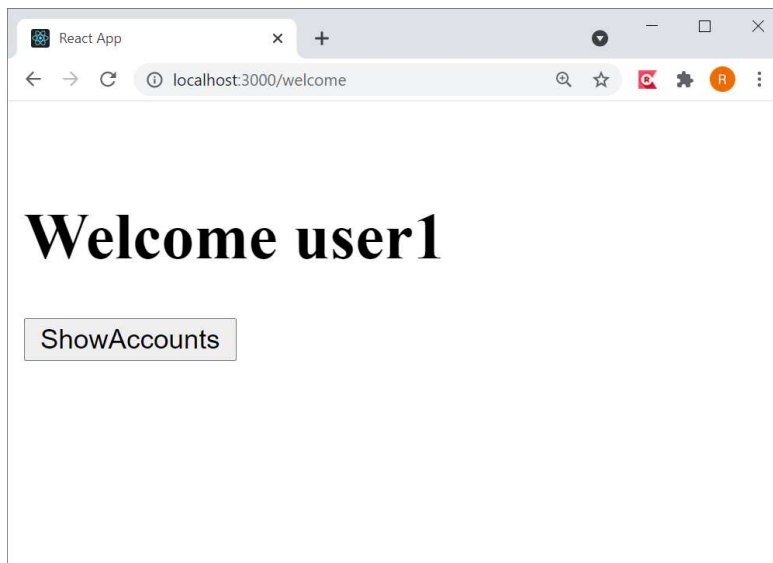
On the **login** page, when you click the **Create Account** button you navigate back to the **create account** page. You can create as many account as you like.

Store every account that you create in the redux store



When you enter the wrong username/password combination, and you click the **Login** button, an error will be shown. **You can only login with the username/password combination that corresponds with the created account(s) that are saved in the redux store.**

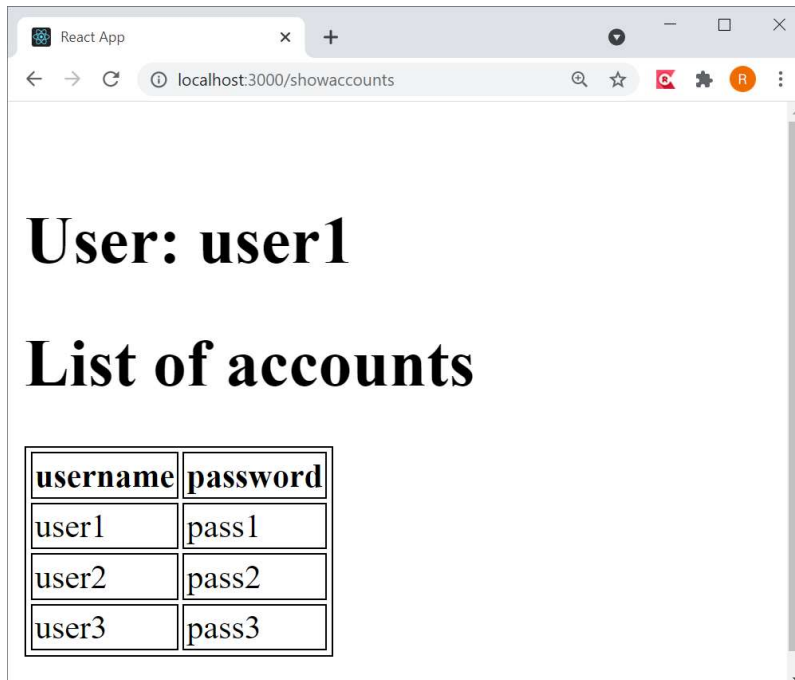
When you enter the correct username/password combination, and you click the **Login** button, you navigate to the *welcome* page:



This page shows the text **Welcome** followed by the username that is currently logged in (the username is not static text). For this application, it does not matter that you can navigate to this page without being logged on by just entering the URL directly.

Part 3

When you click the **ShowAccounts** button, you navigate to the *show accounts* page:



The page shows both the username of the current user and a list of all account that are created on the *create account* page. For this application, it does not matter that you can navigate to this page without being logged on by just entering the URL directly.

Part 4

Write the following selenium test :

- Write 1 test that test if you create an account with username = **user1** and password = **pass1** that you navigate to the login page.
- Write 1 test that test the login functionality with a wrong username and password.
- Write 1 test the test the login functionality with a correct username and password.

Use the best practices we learned in this course.