```js
import React, {useState, useEffect} from "react";
import AccountDataService from "../../services/accountsService";
const LoginPage = props => {
    let initialUsernameState = ""
    let initialPasswordState = ""

    const [username, setUsername] = useState(initialUsernameState);
    const [password, setPassword] = useState(initialPasswordState);

    let user = {
        username: "",
        password: "",
    }
    const handleUsernameInputChange = event => {
        setUsername(event.target.value);
    }
    const handlePasswordInputChange = event => {
        setPassword(event.target.value);
    }

    const loginToAccount = (event) => {
        event.preventDefault()
        AccountDataService.getByCredentials(username, password)
            .then(response => {
                console.log(response.data)
                user.username = username
                user.password = password
                login()
            })
            .catch(e =>{
                console.log(e);
            });
    };

    const login = () => {
        props.login(user)
        props.history.push('/')
    }

```

```
38              }
39
40          return(
41          <div className="submit-form">
42            <div>
43              <form onSubmit={loginToAccount}>
44                  <div>
45                      <label htmlFor="user">Username</label>
46                      <input
47                          type="text"
48                          className="form-control"
49                          id="name"
50                          value={username}
51                          onChange={handleUsernameInputChange}
52                          name="name"
53                          required
54                      />
55                  </div>
56                  <div>
57                      <label htmlFor="password">Password</label>
58                      <input
59                          type="text"
60                          className="form-control"
61                          id="password"
62                          value={password}
63                          onChange={handlePasswordInputChange}
64                          name="password"
65                          required
66                      />
67                  </div>
68                  <button type="submit" className="btn btn-success">
69                  Login
70                  </button>
71              </form>
72            </div>
73          </div>
74          )
75      }
76      export default LoginPage;
```

```js
function App() {

  const[user, setUser] = React.useState("");

  async function login(user = null){
    setUser(user);
  }

  async function logout(){
    setUser(null);
    window.location.reload();
  }
```