

```
1 /** @module StudentLoginRegister/Login */
2
3 import "./style.css"
4 import {useState} from "react"
5 import {useNavigate} from "react-router-dom"
6
7 /**
8  * This function, displays the login section, and handles the logic behind the login.
9  * @function
10  * @return {HTML}
11  */
12 export default function Login(){
13     /**
14      * "email" stores the users email, and "set_email" is a function, which is used
15      * to change the value of "email".
16      * @constant
17      * @typedef {Array.<String, Function>}
18      */
19     const [email, set_email] = useState("")
20     /**
21      * "password" stores the users email, and "set_password" is a function, which is
22      * used to change the value of "password".
23      * @constant
24      * @typedef {Array.<String, Function>}
25      */
26     const [password, set_password] = useState("")
27
28     let navigate = useNavigate()
29
30     /**
31      * This function sends a login request to the backend.
32      * @function
33      * @param {Object} user_details
34      * @returns {null}
35      */
36     function _Login(e, user_details){
37         e.preventDefault() /* Added this line, to stop page from refreshing, before a
38         response is recieved from the backend. */
39         fetch("http://localhost:8000/login/student",{
40             method: "POST",
41             headers: {
42                 'Content-Type': 'application/json',
43             },
44             body: JSON.stringify(user_details)
45         })
46         .then(response => response.json())
47         .then(user => {
48             if (user["exists"] === true){
49                 console.log("success")
50                 localStorage.setItem("logged_in", true)
51                 localStorage.setItem("student", true)
52                 localStorage.setItem("id", user["user_id"])
53                 localStorage.setItem("name", user["name"]) /* This is added, to
54                 enable the use of custom usernames. */
55
56                 navigate("/user")
57                 window.location.reload() /* Addition of this line fixes the issue of
58                 the navbar not re-rendering, when user logs in. */
59             }
60         })
61     }
62 }
```

```
55         else{
56             localStorage.setItem("logged_in", false)
57         }
58     })
59 }
60
61 return(
62     <form className="login" onSubmit={(e) => _Login(e, {"email": email,
63 "password": password})}>
64         <label>
65             Email
66             <input className="email" type="email" value={email} onChange={(e) =>
67 set_email(e.target.value)} />
68         </label>
69         <label>
70             Password
71             <input className="password" type="password" value={password}
72 onChange={(e) => set_password(e.target.value)} />
73         </label>
74         <input type="submit" value="Login" />
75     </form>
76 )
77 }
```