

```
1  /**
2   * @module Classes
3   */
4
5  import "./style.css"
6  import TopBar from "./TopBar"
7  import Class from "./Class"
8  import { useState, useEffect } from "react"
9
10 /**
11  * Displays the classes a user is a part of.
12  * @function
13  * @returns {HTML}
14  */
15 export default function Classes(){
16
17   /**
18    * Sends request to backend, to get all the classes a user is in.
19    * @function
20    * @returns {Object}
21    */
22   function _GetUserClasses(){
23     /**
24      * @constant
25      * @typedef {Array.<String, Function>}
26      */
27     const [classes, set_classes] = useState([])
28     /**
29      * @constant
30      * @type {boolean} (true|false)
31      */
32     const student = localStorage.getItem("student")
33     /**
34      * @constant
35      * @type {string} id
36      */
37     const id = localStorage.getItem("id")
38     useEffect(()=>{
39       fetch("http://localhost:8000/user/classes",{
40         method: "POST",
41         headers: {
42           'accept': 'application/json',
43           'Content-Type': 'application/json',
44         },
45         body: JSON.stringify({
46           "student": student,
47           "id": id
48         })
49       })
50       .then(response => response.json())
51       .then(data => set_classes(data))
52     },[student, id])
53     return classes
54   }
55
56   return(
57     <div className="classes">
58       <TopBar />
59       <div className="all-classes">
```

```
60         {
61             _GetUserClasses().map((aclass, index) => (
62                 <Class key={index} class_name={aclass.name || "Year 11"}
class_image={aclass.image_path || ""} path={aclass.path || ""} />
63             ))
64         }
65     </div>
66 </div>
67 )
68 }
69
```