

GROUP 42

Quote Collection

Members:

Anas Hussain (100753311)

Kenil Patel (100751516)

Quratulain Qurat-UI-Ain (100786105)

INFR3120U Web and Script Programming



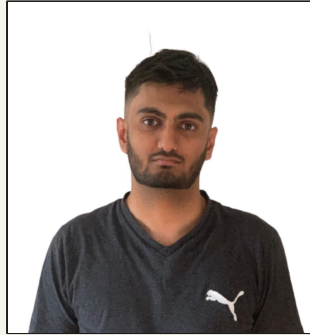
Meet the Team



Anas Hussain

Project Role:

Fix bugs, project submission, code functionality demonstration, description of code to allow user to update or delete data depending on their status (logged in or logged out).



Kenil Patel

Project Role: Presentation, description of code, fix bugs, updated README, allowed the navigation bar to show login when user is not logged in and logout when user is logged in, based on the user's status.



Quratulain
Qurat-UI-Ain

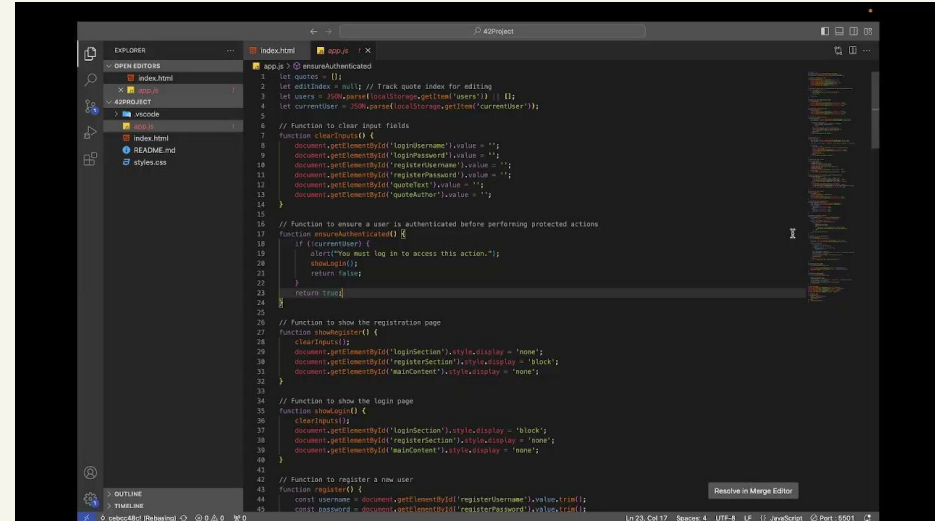
Project Role:

Allow user to Login and Register, description of code,

Description of Code

(Anas Hussain)

For my contribution, I focused on debugging and adding authentication parameters. I also forseed the project, made sure the structure was applied correctly and website was working properly.



The screenshot shows a VS Code editor with a file explorer on the left and a code editor in the center. The file explorer shows a project structure with files like index.html, app.js, and styles.css. The code editor displays JavaScript code for authentication, including functions for ensuring a user is authenticated, clearing input fields, showing the registration page, and registering a new user.

```
1 let quote = {}  
2 let editIndex = null // Track quote index for editing  
3 let users = JSON.parse(localStorage.getItem('users')) || []  
4 let currentUser = JSON.parse(localStorage.getItem('currentUser'))  
5  
6 // Function to clear input fields  
7 function clearInputs() {  
8     document.getElementById('loginUsername').value = ''  
9     document.getElementById('loginPassword').value = ''  
10    document.getElementById('registerUsername').value = ''  
11    document.getElementById('registerPassword').value = ''  
12    document.getElementById('quoteText').value = ''  
13    document.getElementById('quoteAuthor').value = ''  
14 }  
15  
16 // Function to ensure a user is authenticated before performing protected actions  
17 function ensureAuthenticated() {  
18     if (!currentUser) {  
19         alert("You must log in to access this action.");  
20         showLogin();  
21         return false;  
22     }  
23     return true;  
24 }  
25  
26 // Function to show the registration page  
27 function showRegister() {  
28     clearInputs();  
29     document.getElementById('loginSection').style.display = 'none';  
30     document.getElementById('registerSection').style.display = 'block';  
31     document.getElementById('mainContent').style.display = 'none';  
32 }  
33  
34 // Function to show the login page  
35 function showLogin() {  
36     clearInputs();  
37     document.getElementById('loginSection').style.display = 'block';  
38     document.getElementById('registerSection').style.display = 'none';  
39     document.getElementById('mainContent').style.display = 'none';  
40 }  
41  
42 // Function to register a new user  
43 function register() {  
44     const username = document.getElementById('registerUsername').value.trim();  
45     const password = document.getElementById('registerPassword').value.trim();  
46 }
```

Description of Code

(Kenil Patel)



```
51 // Function to log in
52 function login() {
53     const username = document.getElementById('loginUsername').value.trim();
54     const password = document.getElementById('loginPassword').value.trim();
55
56     const user = users.find(u => u.username === username && u.password === password);
57
58     if (user) {
59         currentUser = user;
60         quotes = user.quotes;
61         document.getElementById('loginSection').style.display = 'none';
62         document.getElementById('mainContent').style.display = 'block';
63         displayQuotes();
64     } else {
65         alert('Invalid username or password.');
```

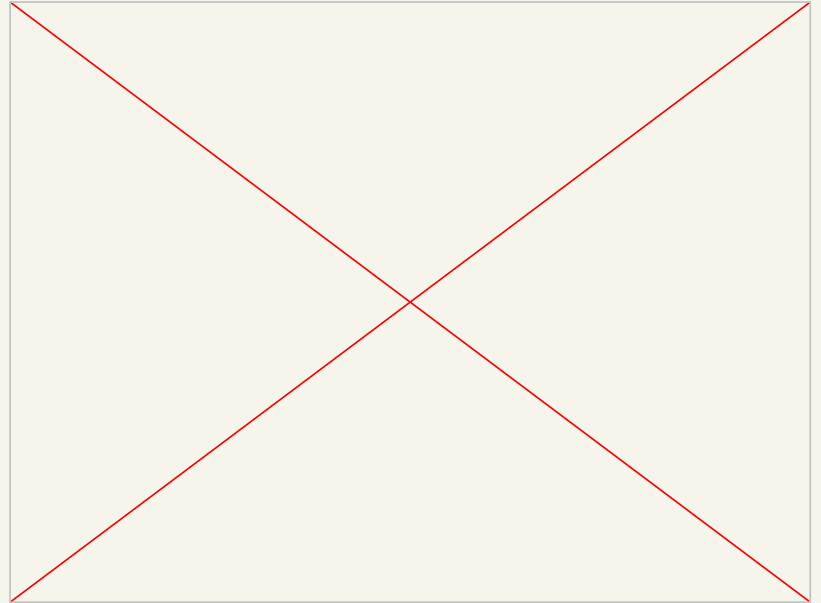
```
83 //Function to check user status and update the navigation bar
84 function updateNavigationBar() {
85     if (currentUser) {
86         // If the user is logged in, hide the login link
87         document.getElementById('loginLink').style.display = 'none';
88         // If the user is logged out show the logout link
89         document.getElementById('logoutLink').style.display = 'block';
90     } else {
91         // Show login link and allow the user to login in
92         document.getElementById('loginLink').style.display = 'block';
93         // Hide the logout link because the user is not logged in and cannot log out
94         document.getElementById('logoutLink').style.display = 'none';
95     }
96 }
```

```
69 // Function for user log out
70 function logout() {
71     // Clear logged user
72     currentUser = null;
73     // Remove user data from local storage
74     localStorage.removeItem('currentUser');
75     // Update and show login link and hide logout link
76     updateNavigationBar();
77     // Show main content
78     document.getElementById('mainContent').style.display = 'none';
79     // Show login
80     document.getElementById('loginSection').style.display = 'block';
81 }
```

Description of Code

(Quratulain Qurat-UI-Ain)

My part of the consists of two section, one the login page and second the registration page. The login form requires user to enter their and and their password, it can be any character no specification. If the user has not created an account, they can create the account in the registration page, where again the user is required to enter a username and a password. Both pages include form validation to ensure no field is left empty. After the submission either the user is logged in or been registered with the message of confirmation.



Project Functionality Demo

Demo Video

