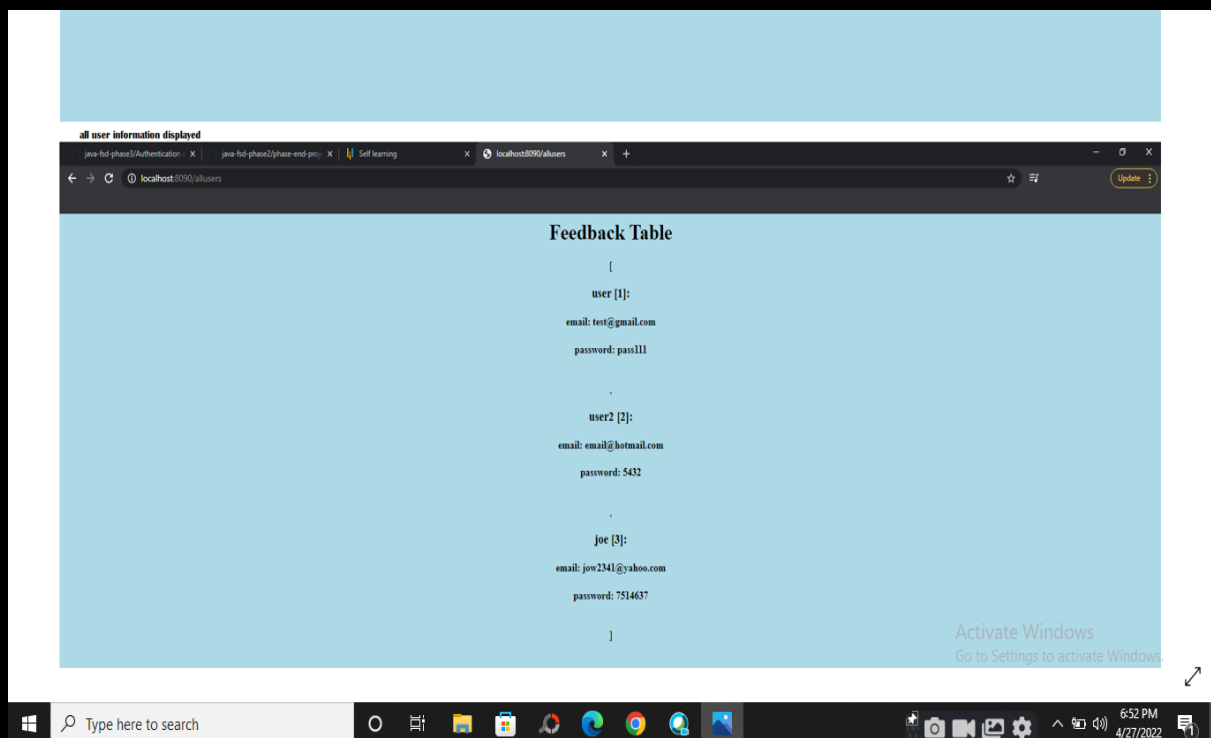
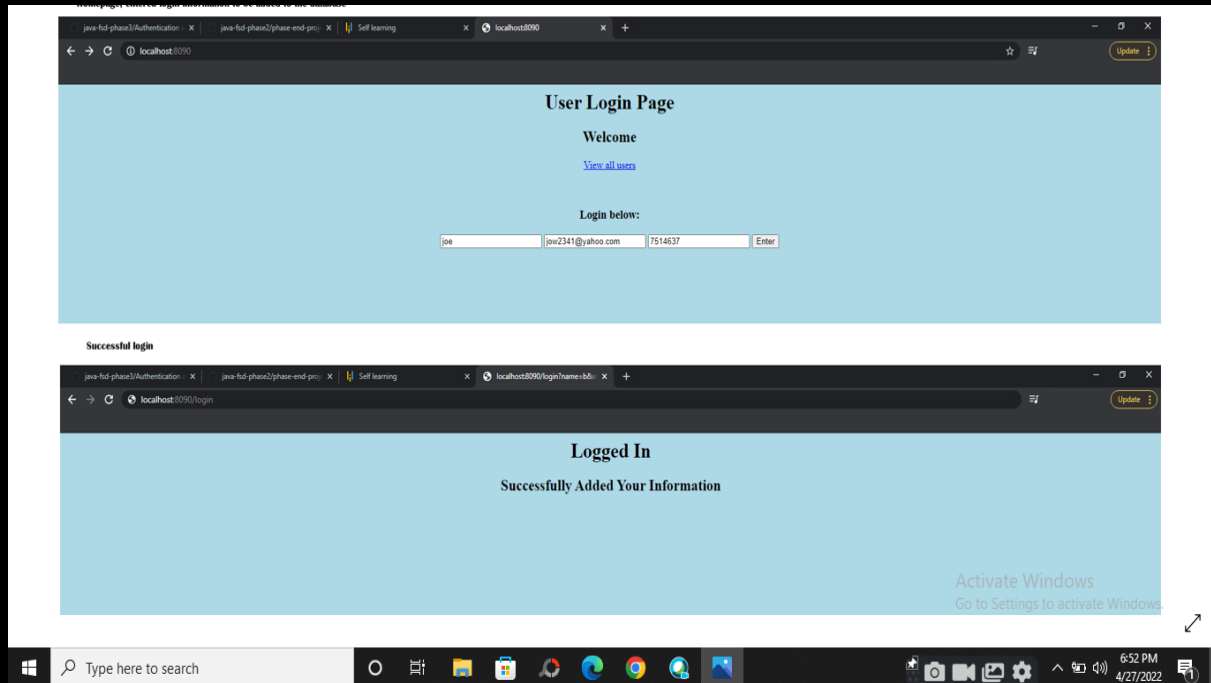


Project Output

Handling User Authentication.



SQL table showing all users

id	email	name	password
1	test@gmail.com	user	pass123
2	email@hotmail.com	user2	5432
3	joh234@yahoo.com	joe	7514637

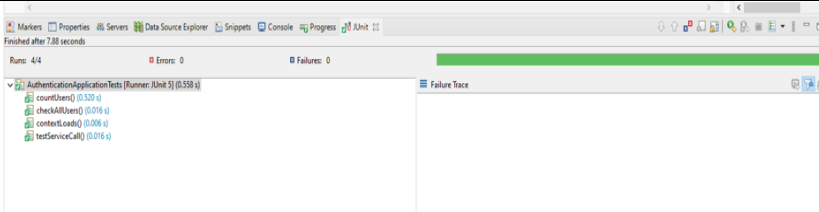
Tests:

```

14 @SpringBootTest
15 class AuthenticationApplicationTests {
16
17     @Autowired
18     private UserService userService;
19
20     @Test
21     void contextLoads() {
22     }
23
24
25     @Test
26     void testServiceCall() {
27         Iterable<User> users = userService.getAllUsers();
28         Integer count = 0;
29
30         for (User u: users)
31             count++;
32
33         assertEquals(count, 0);
34     }
35
36     @Test
37     void countUsers() {
38         Iterable<User> users = userService.getAllUsers();
39         Integer count = 0;
40
41         for (User u: users)
42             count++;
43
44         assertEquals(count, 4);
45     }
46
47     @Test
48     void checkAllUsers() {
49         Iterable<User> users = userService.getAllUsers();
50
51         for (User u: users)
52             assertNotNull(u);
53     }
54 }

```

Activate Windows
Go to Settings to activate Windows.



Authentication Tests

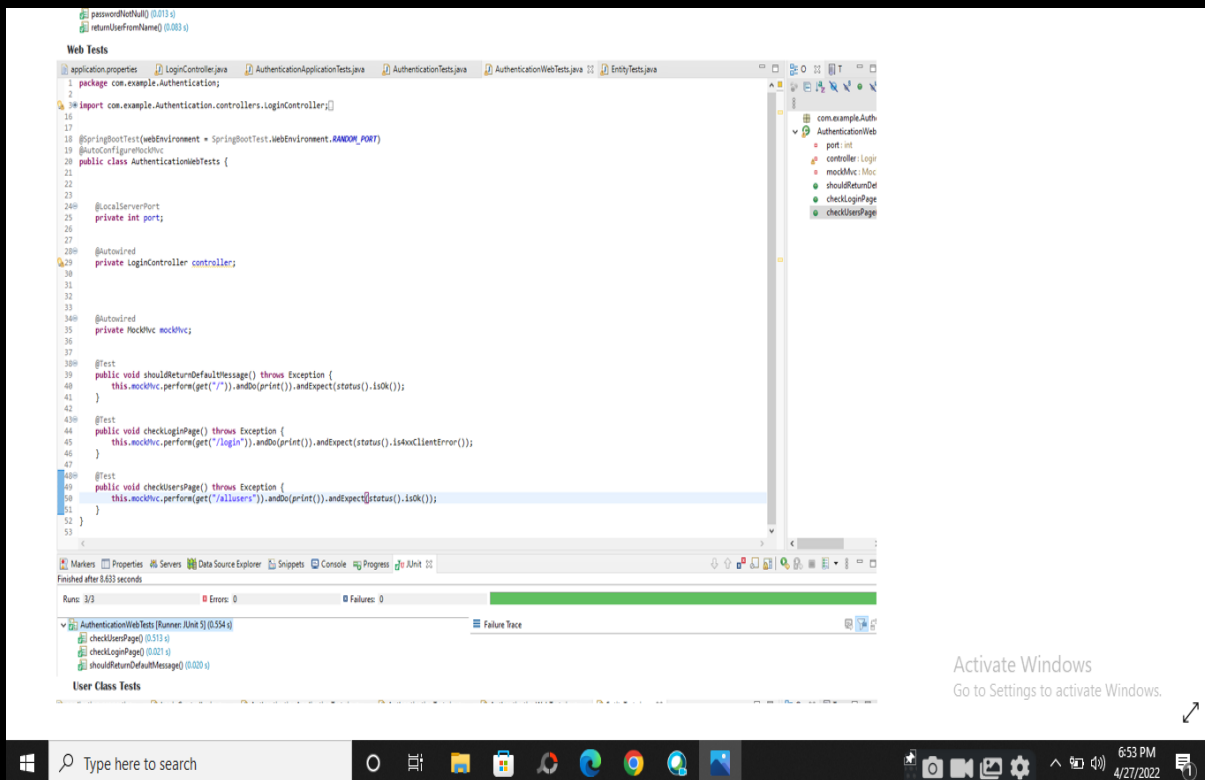
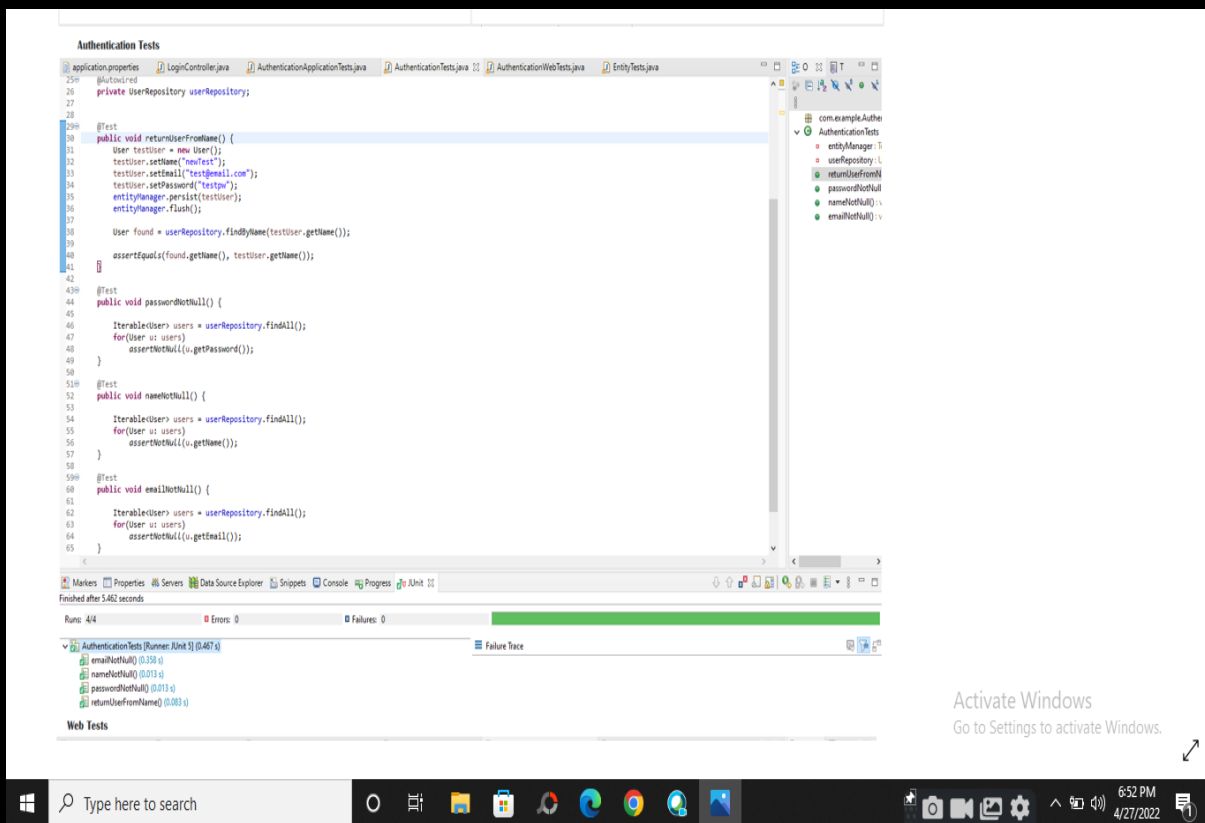
```

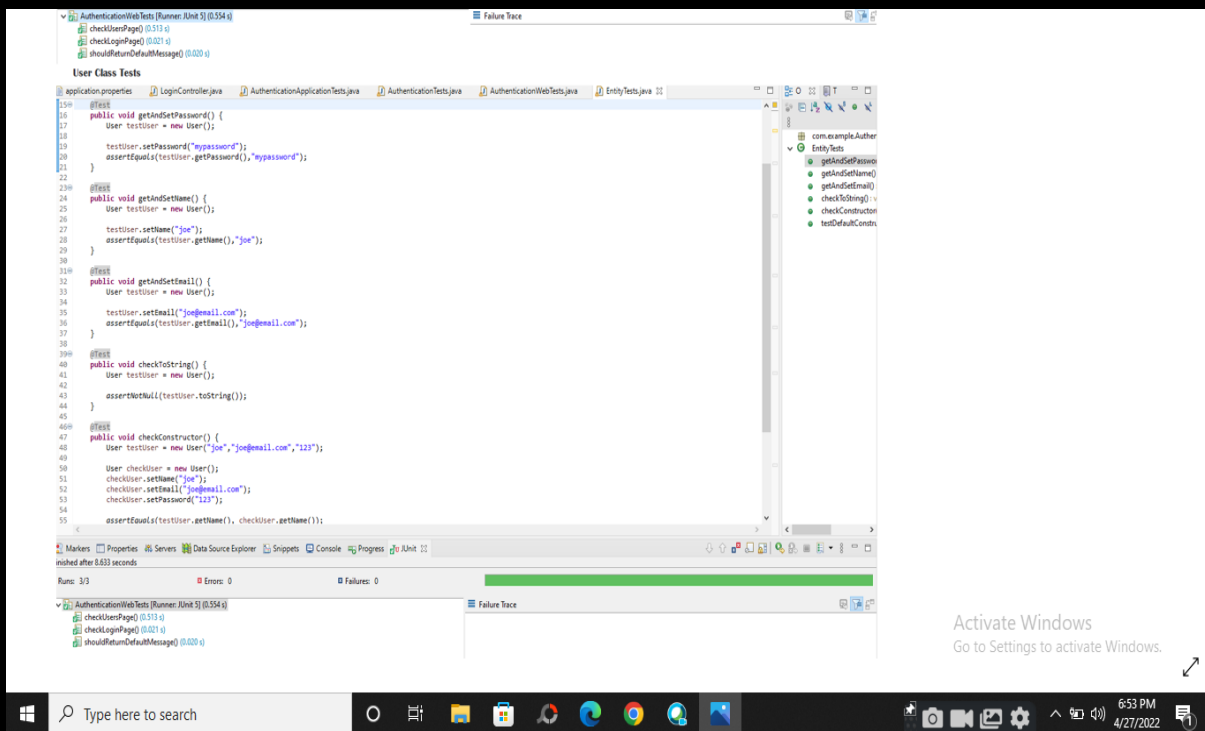
25 @Autowired
26 private UserRepository userRepository;
27
28 @Test
29 public void returnUserFromName() {
30     User testUser = new User();
31     testUser.setName("testUser");
32     testUser.setEmail("test@gmail.com");
33     testUser.setPassword("testpw");
34     entityManager.persist(testUser);
35     entityManager.flush();
36
37     User found = userRepository.findByName(testUser.getName());
38     assertEquals(found.getName(), testUser.getName());
39 }
40
41
42
43 @Test
44 public void passwordNotNull() {
45     Iterable<User> users = userRepository.findAll();
46     for (User u: users)
47         assertNotNull(u.getPassword());
48 }
49
50
51 @Test
52 public void nameNotNull() {
53     Iterable<User> users = userRepository.findAll();
54     for (User u: users)
55         assertNotNull(u.getName());
56 }
57
58
59 @Test
60 public void emailNotNull() {
61     Iterable<User> users = userRepository.findAll();
62     for (User u: users)
63         assertNotNull(u.getEmail());
64 }
65 }

```

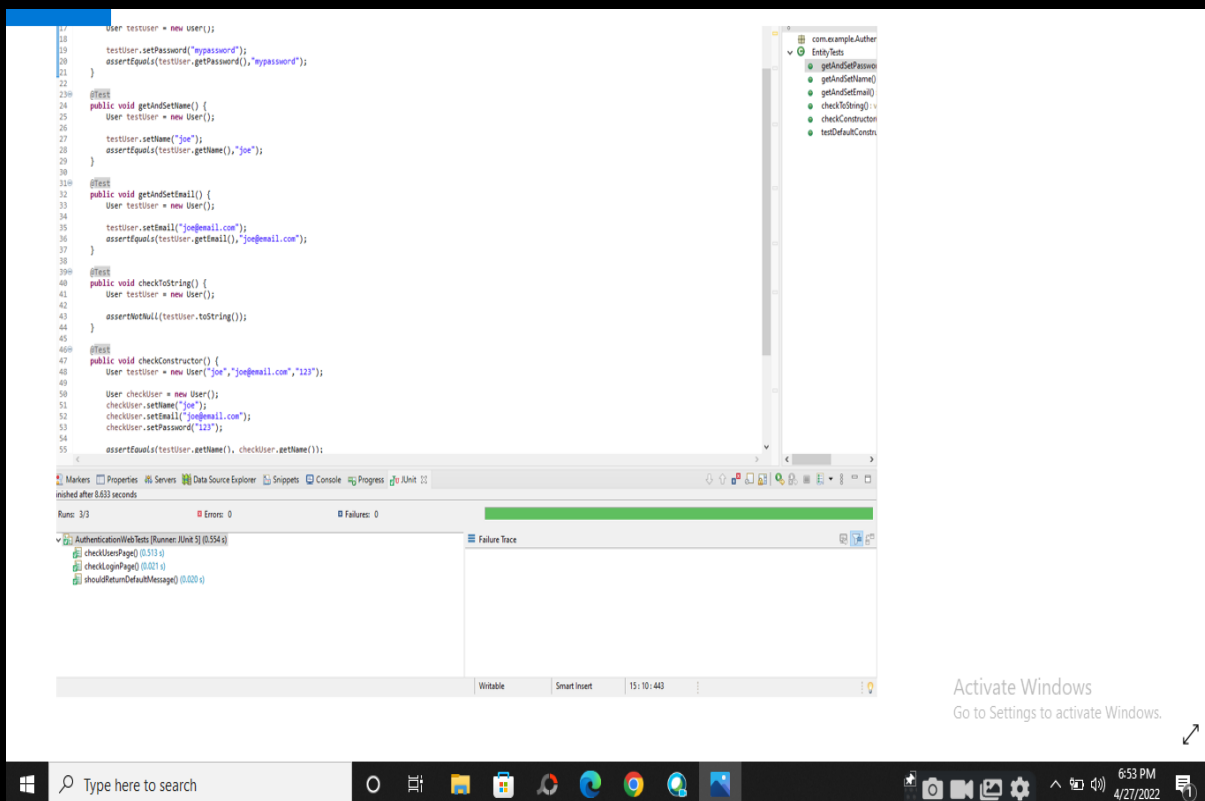
Activate Windows
Go to Settings to activate Windows.







Activate Windows
Go to Settings to activate Windows.



Activate Windows
Go to Settings to activate Windows.

===== THE END =====