

# IT 303 – Software Verification, Validation and Testing

## TESTING DOCUMENTATION

PROJECT NAME

Prepared by:

**ANID ALI**

Proposed to:

**Samed Jukić**, Assist. Prof. Dr.

**Adnan Miljković**, Teaching Assistant

**Benjamin Peljto**, Lecture Assistant

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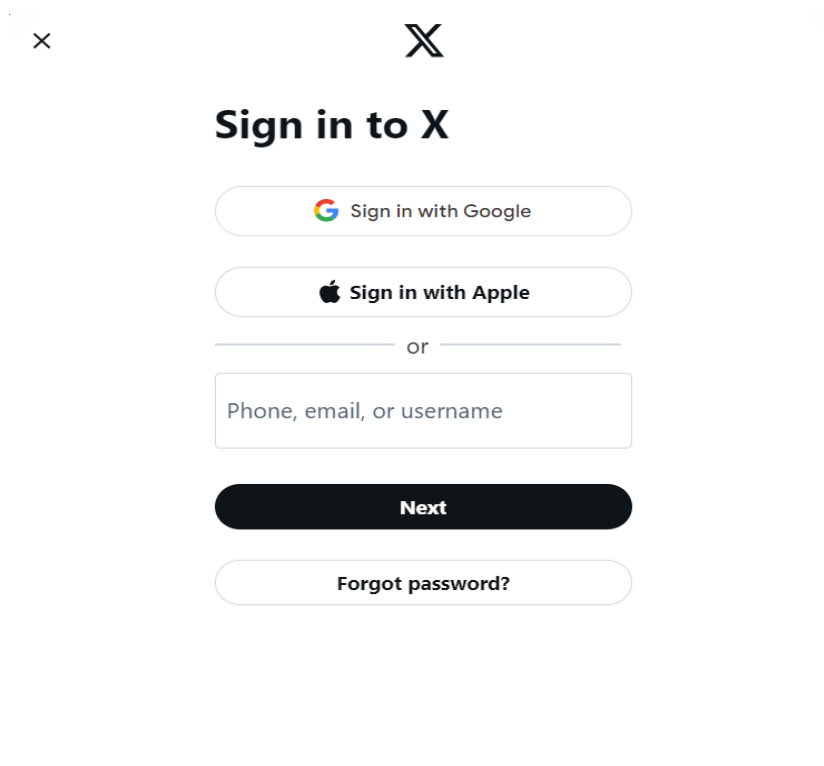
# 1. Introduction

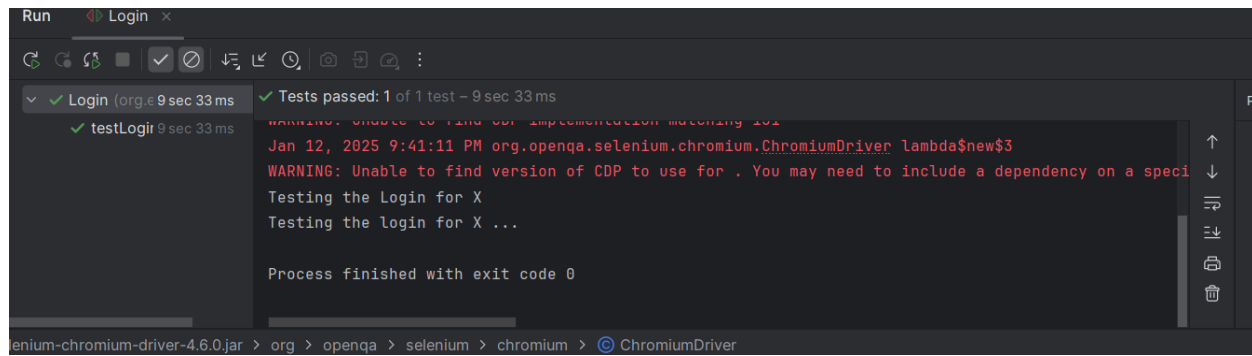
## 1.1. About the Project

This project focuses on testing the functionalities of X (fka. Twitter). It is the social media known for the short posts (tweets) and interactions with other people. The testing focused on the user operations, including login, profile updates, interaction with other users and managing posts. The tests ensures that those functions work as expected and the user can use them smoothly.

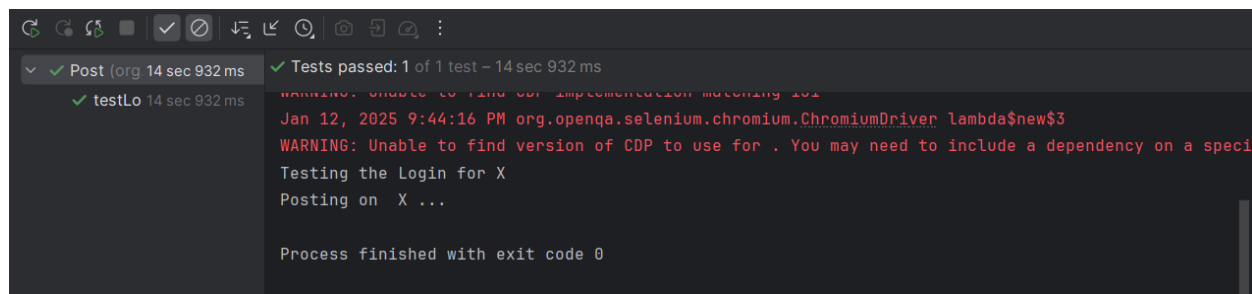
## 1.2. Project Functionalities and Screenshots

### 1. Login screen

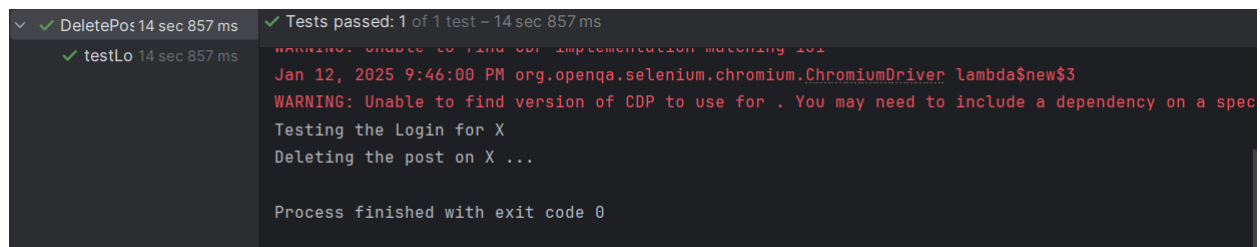
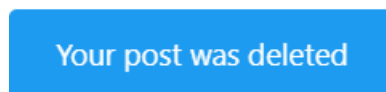





## 2. Post



### 3. Delete Post



#### 4. Edit profile



Name  
Student B

Bio 22 / 160  
New ProfileNew Profile

```

X EditProfile 11 sec 826 ms
X testLo 11 sec 826 ms
X Stopped. Tests passed: 0 of 1 test – 11 sec 826 ms
WARNING: Unable to find CDP implementation
Jan 12, 2025 9:50:51 PM org.openqa.selenium
WARNING: Unable to find version of CDP to u
Testing the Login for X
Editing the profile in X ...

Process finished with exit code 130
    
```

## 5. Search

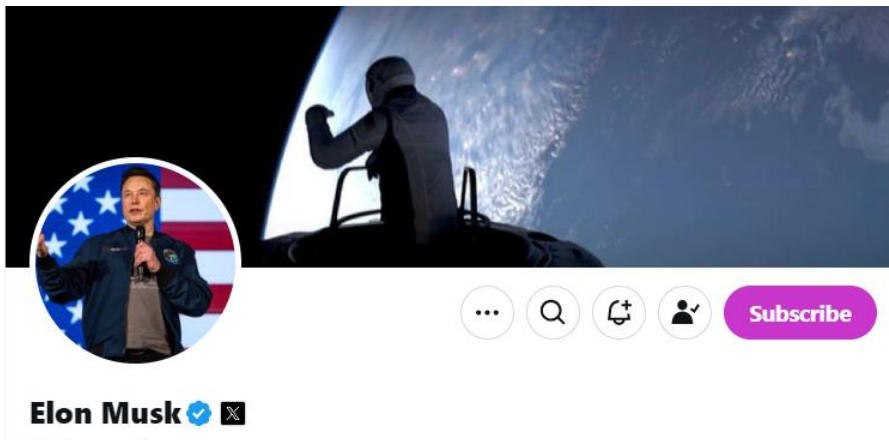
elton musk

```

✓ SearchSor 13 sec 791 ms
✓ testLo 13 sec 791 ms
✓ Tests passed: 1 of 1 test - 13 sec 791 ms
WARNING: Unable to find CDP implementation matching 102
Jan 12, 2025 9:52:06 PM org.openqa.selenium.chrom
WARNING: Unable to find version of CDP to use for
Testing the Login for X
Searching X ...

Process finished with exit code 0
    
```

## 6. Follow

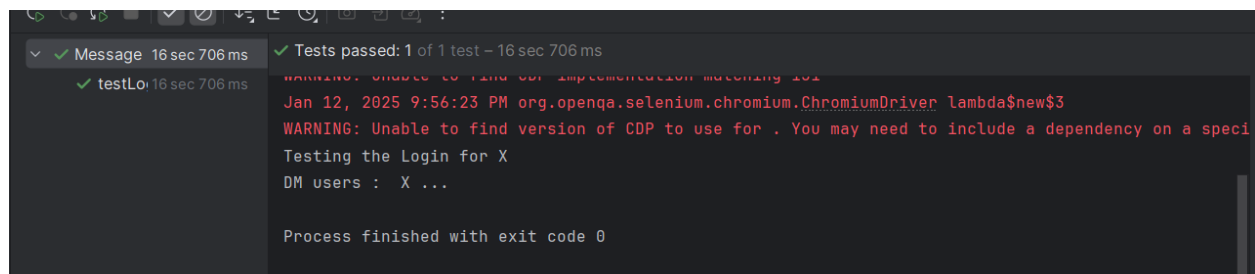
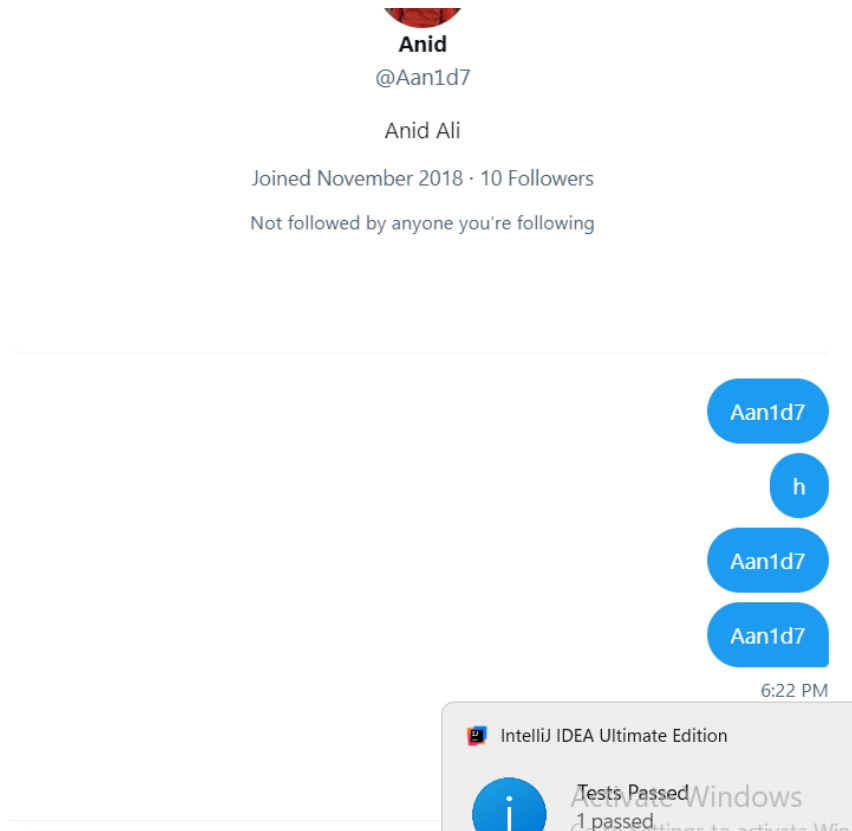


```

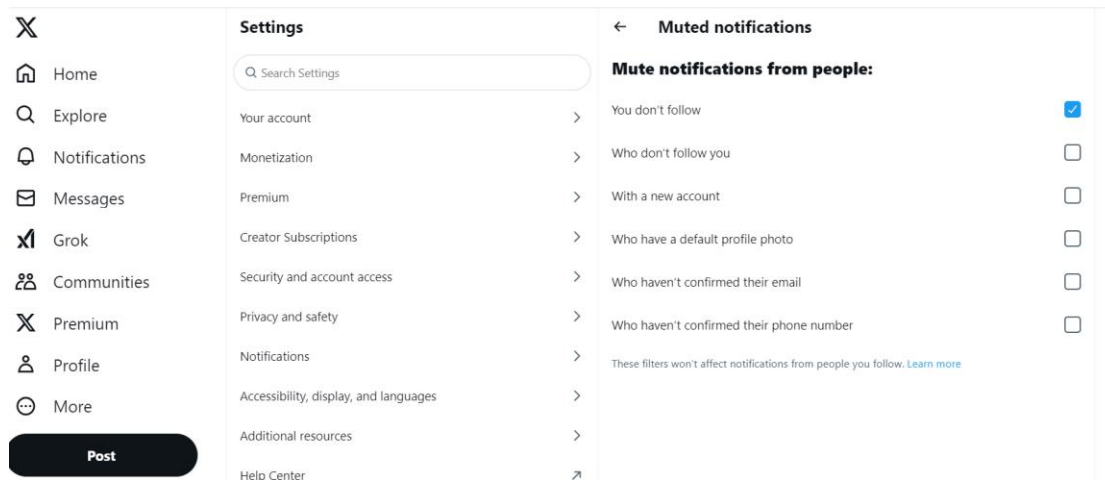
✓ Follow (or 15 sec 919 ms)
✓ testLo 15 sec 919 ms
✓ Tests passed: 1 of 1 test - 15 sec 919 ms
WARNING: Unable to find CDP implementation matching 102
Jan 12, 2025 9:54:52 PM org.openqa.selenium.chromium.ChromiumDriver lambda$new$3
WARNING: Unable to find version of CDP to use for . You may need to include a dependency on a sp
Testing the Login for X
Following users on X ...

Process finished with exit code 0
    
```

## 7. DM



## 8. Mute notification

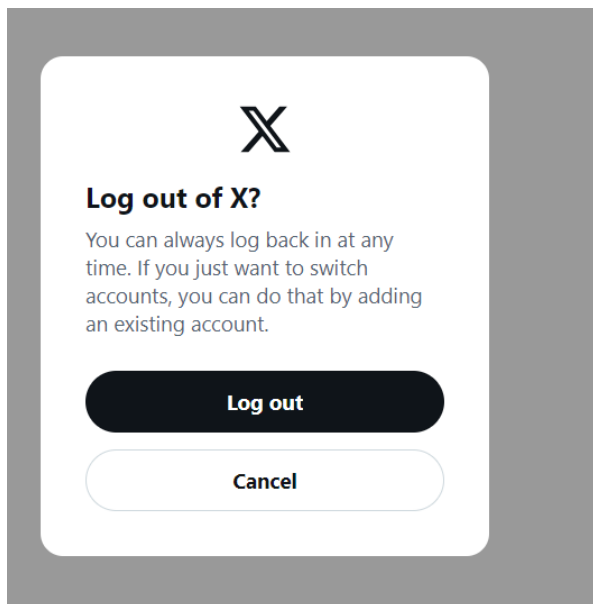




9. Block user



10. Log out





## 2. Test Plan

### 2.1. Scope

I focused on testing key functionalities of X to ensure core features work as expected. The tests included:

1. **Login:** Verifying secure authentication.
2. **Posting:** Creating, deleting, and managing posts.
3. **Profile Updates:** Editing the bio and profile details.
4. **User Interactions:** Following, messaging, blocking, and muting users.
5. **Search:** Testing for accurate search results.
6. **Notifications:** Muting specific notifications.
7. **Logout:** Ensuring secure logouts.

### 2.2. Testing Environment and Tools

For testing of X I used :

1. Selenium;
2. Junit 5;
3. ChromeDriver;
4. Programming languages : Java.

## 3. Test Execution

### 3.1. Test Scenario Name

<b>Test Name:</b> Login on X				
<b>Description:</b> Login on X with valid credentials				
<b>Pre-condition(s):</b> We have to have an account on X already, so the test may work				
<b>Test Steps:</b>	<b>Test Data:</b>	<b>Expected Result:</b>	<b>Actual Result:</b>	<b>Status:</b>

1. Open X 2. Located the “Login button” 3. Uses Google to login 4. Enters the credentials 5. First page of X	Valid credentials New Google account My phone number to verify	To run the test smoothly	Logged in	PASS
--	--	--------------------------	-----------	------

```
public class Login {  
    private WebDriver webDriver; 5 usages  
    private final String baseUrl = "https://x.com/?mx=2"; 3 usages  
  
    @BeforeEach new *  
    public void setup() {  
        System.setProperty("webdriver.chrome.driver", "C:\\chromedriver-win64\\chromedriver.exe");  
  
        ChromeOptions options = new ChromeOptions();  
        options.addArguments("--start-maximized"); // Maximize the window  
        options.addArguments("--disable-blink-features=AutomationControlled"); // Disable animations  
        options.addArguments("--remote-allow-origins=*"); // Allow all origins  
  
        webDriver = new ChromeDriver(options);  
        webDriver.get(baseUrl);  
        System.out.println("Testing the Login for X");  
    }  
}
```

```
public class Login {  
    public void testLoginToX() {  
        System.out.println("Testing the login for X ...");  
  
        String currentUrl = webDriver.getCurrentUrl();  
        if (!currentUrl.equals(baseUrl)) {  
            webDriver.get(baseUrl);  
        }  
  
        // Wait for the "Sign In" button to be clickable  
        WebDriverWait wait = new WebDriverWait(webDriver, Duration.ofSeconds(30));  
        WebElement signInButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath(xpathExpression: "//*[@id='react-root']/div/div/div[2]/main/div/div/div[1]/div/sign-in-button")));  
  
        // Click the "Sign In" button  
        signInButton.click();  
  
        WebElement MailOrUsernameButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath(xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div/div[2]/div/mail-or-username-button")));  
        MailOrUsernameButton.click();  
        MailOrUsernameButton.sendKeys(KeysToSend: "Student8881221");  
  
        WebElement NextButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath(xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div/div[2]/div[2]/div/next-button")));  
        NextButton.click();  
        WebElement PassButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath(xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div/div[2]/div[2]/div/pass-button")));  
        PassButton.click();  
        PassButton.sendKeys(KeysToSend: "BurchStudent123456");  
        WebElement LoginButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath(xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div/div[2]/div[2]/div/login-button")));  
        LoginButton.click();  
    }  
}
```

**Test Name:** EDIT PROFILE

## Test for editing the BIO on X profiles

<b>Pre-condition(s):</b> Have a profile				
<b>Test Steps:</b>	<b>Test Data:</b>	<b>Expected Result:</b>	<b>Actual Result:</b>	<b>Status:</b>
1. Login to your account 2. Profile option 3. Choose BIO 4. Edit bio	Login to your account. Edit bio	I wanted to edit anything on the profile, this time I chose “bio”	Bio edited	PASS

```
public class EditProfileTest {  
    public void testLoginToX() {  
        // Click the "Sign In" button  
        signInButton.click();  
  
        WebElement MailOrUsernameButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div/div[2]/div[2]")));  
        MailOrUsernameButton.click();  
        MailOrUsernameButton.sendKeys(...keysToSend: "StudentB881221");  
  
        WebElement NextButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div/div[2]/div[2]/div[2]")));  
        NextButton.click();  
        WebElement PassButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div/div[2]/div[2]/div[2]")));  
        PassButton.click();  
        PassButton.sendKeys(...keysToSend: "BurchStudent123456");  
        WebElement LoginButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div/div[2]/div[2]/div[2]")));  
        LoginButton.click();  
  
        WebElement ProfileButtonn = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"react-root\"]/div/div/div[2]/main/div/div/div/div/div/div[2]")));  
        ProfileButtonn.click();  
        WebElement EditProfileButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"react-root\"]/div/div/div[2]/main/div/div/div/div/div/div[2]")));  
        EditProfileButton.click();  
  
        // ... more code ...  
  
        WebElement BioButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div/div[2]/div[2]/div[2]")));  
        BioButton.click();  
        BioButton.sendKeys(...keysToSend: "New Profile");  
        WebElement SaveButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div/div[2]/div[2]/div[2]")));  
        SaveButton.click();  
    }  
}
```

<b>Test Name:</b> POSTING ON X				
<b>Description:</b> Test used for posting on X				
<b>Pre-condition(s):</b> Have an account				
<b>Test Steps:</b>	<b>Test Data:</b>	<b>Expected Result:</b>	<b>Actual Result:</b>	<b>Status:</b>
1. Login 2. Write a post 3. Post	<b>Account on X</b>	A random post	An expected post	<b>PASS</b>

```

16 public class Post { new*
17     public void testLoginToX() {
18         signInButton.click();
19
20         WebElement MailOrUsernameButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div[2]/div[2]
21         MailOrUsernameButton.click();
22         MailOrUsernameButton.sendKeys( ...keysToSend: "Student8881221");
23
24         WebElement NextButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div[2]/div[2]/div/div/
25         NextButton.click();
26         WebElement PassButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div[2]/div[2]/div/div/
27         PassButton.click();
28         PassButton.sendKeys( ...keysToSend: "BurchStudent123456");
29         WebElement LoginButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div[2]/div[2]/div/div/
30         LoginButton.click();
31
32         WebElement PostButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='react-root']/div/div/div[2]/header/div/div/div/div[1]/div[1]
33         PostButton.click();
34
35         WebElement PostButton2 = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div[2]/div[2]/div/div/
36         PostButton2.click();
37         PostButton2.sendKeys( ...keysToSend: "SVT1 " );
38
39         WebElement PostButton3 = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div[2]/div[2]/div/div/
40         PostButton3.click();
41
42     }
43 }

```

Test Name: Search users on C				
Description: Testing the searching on X				
Pre-condition(s): We have to have an account on X already, and find an user				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Login 2. Search 3. Open profile	X account, both for me and the other user	To search someone	Searched the right user	PASS

```

4 WebDriverWait wait = new WebDriverWait(webDriver, Duration.ofSeconds(30));
5 WebElement signInButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='react-root']/div/div/div[2]/main/div/div/div/div[1]/div[1]
6
7     signInButton.click();
8
9     WebElement MailOrUsernameButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div[2]/div[2]
10    MailOrUsernameButton.click();
11    MailOrUsernameButton.sendKeys( ...keysToSend: "Student8881221");
12
13    WebElement NextButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div[2]/div[2]/div/div/
14    NextButton.click();
15    WebElement PassButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div[2]/div[2]/div/div/
16    PassButton.click();
17    PassButton.sendKeys( ...keysToSend: "BurchStudent123456");
18    WebElement LoginButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='layers']/div[2]/div/div/div/div/div[2]/div[2]/div/div/
19    LoginButton.click();
20
21    /* WebElement ExploreButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='react-root']/div/div/div[2]/header/div/div/div/div[1]/div[1]
22    ExploreButton.click();
23
24    */
25
26    WebElement SearchButton = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath( xpathExpression: "//*[@id='react-root']/div/div/div[2]/main/div/div/div/div[1]/div[1]
27    SearchButton.click();
28    SearchButton.sendKeys( ...keysToSend: "Elon Musk " + Keys.ENTER);
29
30    WebElement ElonButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id='react-root']/div/div/div[2]/main/div/div/div/div[1]/div[1]
31    ElonButton.click();
32
33 }

```

Test Name: Mute notification				
Description: Muting notification on X				
Pre-condition(s): We have to have an account on X already and notification turned on				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:

1. Login 2. Open notification settings 3. Mute them	X account	Muting the notification	Notification muted	PASS
---	-----------	-------------------------	--------------------	------

```

48 signInButton.click();
49
50 WebElement MailOrUsernameButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]]/div[2]/div/div/div/div/div[2]
51 MailOrUsernameButton.click();
52 MailOrUsernameButton.sendKeys( ...keysToSend: "Student8881221");
53
54 WebElement NextButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]]/div[2]/div/div/div/div/div[2]/div[2]/di
55 NextButton.click();
56 WebElement PassButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]]/div[2]/div/div/div/div/div[2]/div[2]/di
57 PassButton.click();
58 PassButton.sendKeys( ...keysToSend: "BurchStudent123456");
59 WebElement LoginButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]]/div[2]/div/div/div/div/div[2]/div[2]/d
60 LoginButton.click();
61
62 WebElement MmoreButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"react-root\"]]/div/div/div[2]/header/div/div/div/div[1
63 MmoreButton.click();
64 WebElement SettingsButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]]/div[2]/div/div/div[2]/div/div[3]/div
65 SettingsButton.click();
66 WebElement NotificationButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"react-root\"]]/div/div/div[2]/main/div/div/div/
67 NotificationButton.click();
68 //works okay
69 WebElement FilterButton = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath( xpathExpression: "//*[@id=\"react-root\"]]/div/div/div[2]/main/div/div/div/
70 FilterButton.click();
71 WebElement MutedNotifButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"react-root\"]]/div/div/div[2]/main/div/div/div/se
72 MutedNotifButton.click();
73 WebElement MutedNotButton2 = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"react-root\"]]/div/div/div[2]/main/div/div/div/sec
74 MutedNotButton2.click();
75

```

Test Name: Follow				
Description: Follow a random user on x				
Pre-condition(s): We have to have an account on X already, find an account to follow				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Login 2. Find user 3. Follow	Have an account, find an user	To follow an user	User followed	PASS

```

36 public void testLoginToX() {
45     WebElement signInButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"react-root\"]/div/div/div[2]/main/div/div/div[1]/div
46
47     signInButton.click();
48
49     WebElement MailOrUsernameButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div[2]/div
50     MailOrUsernameButton.click();
51     MailOrUsernameButton.sendKeys( ...keysToSend: "StudentB881221");
52
53     WebElement NextButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div[2]/div[2]/div
54     NextButton.click();
55     WebElement PassButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div[2]/div[2]/div
56     PassButton.click();
57     PassButton.sendKeys( ...keysToSend: "BurchStudent123456");
58     WebElement LoginButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div[2]/div[2]/div
59     LoginButton.click();
60
61
62
63     WebElement SearchButton = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath( xpathExpression: "//*[@id=\"react-root\"]/div/div/div[2]/main/div/div/div/
64     SearchButton.click();
65     SearchButton.sendKeys( ...keysToSend: "Elon Musk " + Keys.ENTER);
66
67     WebElement ElonButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"react-root\"]/div/div/div[2]/main/div/div/div/div/div/
68     ElonButton.click();
69
70     WebElement FollowButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"react-root\"]/div/div/div[2]/main/div/div/div/div/div/
71     FollowButton.click();
72

```

Test Name: DeletePost				
Description: Delete an already existing post				
Pre-condition(s): Have a post on x				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Login 2. Find your post 3. Delete it	X account and a post	Deleting a post	Post deleted	PASS

```

public void testLoginToX() {
// ...
signInButton.click();

WebElement MailOrUsernameButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div[2]/div
MailOrUsernameButton.click();
MailOrUsernameButton.sendKeys( ...keysToSend: "StudentB881221");

WebElement NextButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div[2]/div[2]/div
NextButton.click();
WebElement PassButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div[2]/div[2]/div
PassButton.click();
PassButton.sendKeys( ...keysToSend: "BurchStudent123456");
WebElement LoginButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div[2]/div[2]/div
LoginButton.click();

WebElement ProfileButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"react-root\"]/div/div/div[2]/main/div/div/div/d
ProfileButton.click();

WebElement MoreButton1 = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath( xpathExpression: "//*[@id=\"react-root\"]/div/div/div[2]/main/div/div/d
MoreButton1.click();

WebElement DeleteButton = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div[2]/div/di
DeleteButton.click();

WebElement DeleteButton1 = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div[2]/div/di
DeleteButton1.click();

```

Test Name: Block
Description: Blocking a random user on X
Pre-condition(s): We have to have an account on X already, find an account to block

Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1. Login 2. Find a profile 3. Block the profile	X account, other profile to block	To block an user	User blocked	PASS

```

public void testLoginToX() {
    MailOrUsernameButton.sendKeys( ...keysToSend: "Student8881221");

    WebElement NextButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div/div[2]/div[2]/div/d
    NextButton.click();
    WebElement PassButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div/div[2]/div[2]/div/d
    PassButton.click();
    PassButton.sendKeys( ...keysToSend: "BurchStudent123456");
    WebElement LoginButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div/div[2]/div[2]/div/d
    LoginButton.click();
    |

    WebElement SearchButton = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath( xpathExpression: "//*[@id=\"react-root\"]/div/div/div[2]/main/div/div/div/di
    SearchButton.click();
    SearchButton.sendKeys( ...keysToSend: "Jake Paul " + Keys.ENTER);

    WebElement PaulButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"react-root\"]/div/div/div[2]/main/div/div/div/div/div/di
    PaulButton.click();

    /*works fine*/
    WebElement MoreButton = wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath( xpathExpression: "//*[@id=\"react-root\"]/div/div/div[2]/main/div/div/div/div/di
    MoreButton.click();

    WebElement BlockButton = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div[2]/div[2]/div/di
    BlockButton.click();

    WebElement BlockButton2 = wait.until(ExpectedConditions.elementToBeClickable(By.xpath( xpathExpression: "//*[@id=\"layers\"]/div[2]/div/div/div/div/div[2]/div[2]/div/di
    BlockButton2.click();

```

Test Name: Message				
Description: DM someone on X				
Pre-condition(s): We have to have an account on X already and find someone to DM				
Test Steps:	Test Data:	Expected Result:	Actual Result:	Status:
1.Login 2. Find an user 3. DM that user	X account, other account to DM	To run the test smoothly	Message sent	PASS



[illegible]

<b>Test Name:</b> Logout				
<b>Description:</b> Logout				
<b>Pre-condition(s):</b> We have to have an account on X already, so the test may work				
<b>Test Steps:</b>	<b>Test Data:</b>	<b>Expected Result:</b>	<b>Actual Result:</b>	<b>Status:</b>
1. Login 2. Logout	X account	To run the test smoothly	Logged out	PASS

[illegible]

...

## 9. Conclusion

### 9.1. Testing Summary

Testing Tool	Total Tests	Passed Tests	Failed Tests
Selenium, WebDriver JUnit5 Java	10	10	0

### 9.2. Final Thoughts

Overall, X performed well during testing, with most core features functioning as expected. A few minor issues, such as problems with element visibility and clickability, were observed. I had some problems with XPath's, later I found the mistake and it worked well. There were few problems with it on the Registration form. That's the reason why I avoided the Registration form and the elements on it.

Overall, everything seemed well.