



**Report of**  
**Manual and Automation test for Quiz plus login**

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## **Abstract:**

First I replied to the task email about what tools or framework do I use in automation and I have no answer so I choose cypress to make automation testing .

Before write the test cases I need requirements like Signup with Google ,Signup with Facebook ,Signup with Twitter , Signup with LinkedIn , Signup with Email and Password , Email and Password . Then I need to specifies required fields like email and password ,then specifies the validation of fields.

For manual test I read about test cases how to write and how to enforce it , thus I write and enforce over 160 manual test case.

About automation I search in Google in how to install cypress after that I read cypress documentation to be able for scripting automation test cases , then write some automation test cases around 20 test case.

## **Procedure:**

### **Manual:**

After specifies requirements , validation and required fields

Requirements:

1. Signup with Google
2. Signup with Facebook
3. Signup with Twitter
4. Signup with LinkedIn
5. Signup with Email and Password
6. Email
7. Password

Required fields:

1. Email
2. Password

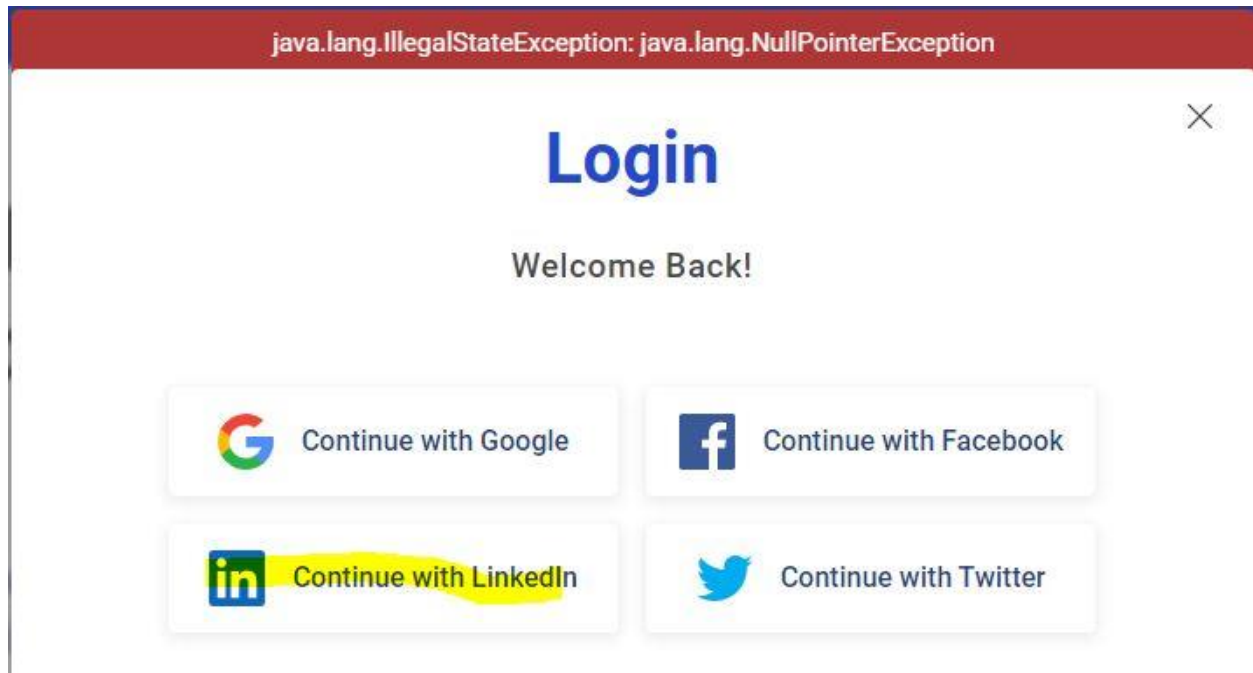
Validation for fields:

1. Email
2. Password : must be at least 6 characters

I write and enforce around 170 manual test case in “Manual\_loginTestCases\_quizplus” file thus I faced some failed test cases :

**1- Test case 67 : Verify to login with LinkedIn before having signup with LinkedIn**

Non handled exception



**2- Test case 95 : Verify to click “Send Reset Password Link” button in “Forgot your password?” popup with valid “Email” thus send link to reset password**  
**Test case 142: Verify on click “Resend link” button in “Reset Password” popup will resend link to reset the password**

There is no link is send

**Automation:**

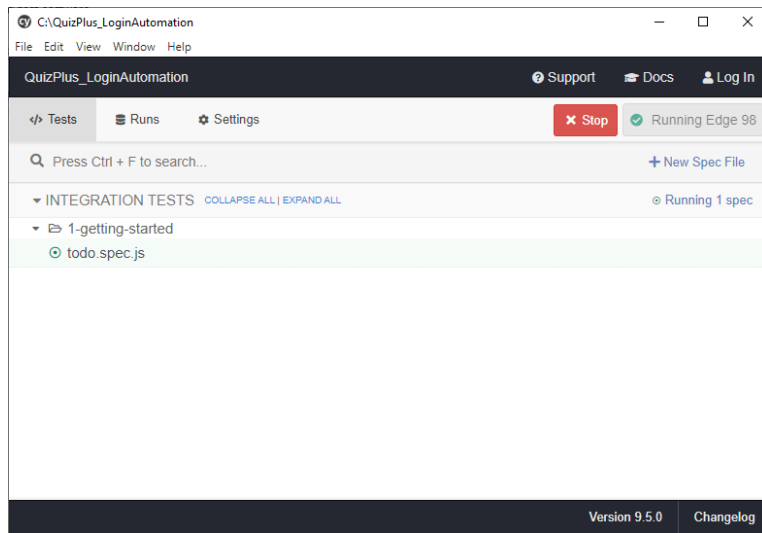
First I open visual studio code and open the terminal and enter these commands

npm init : install package.json

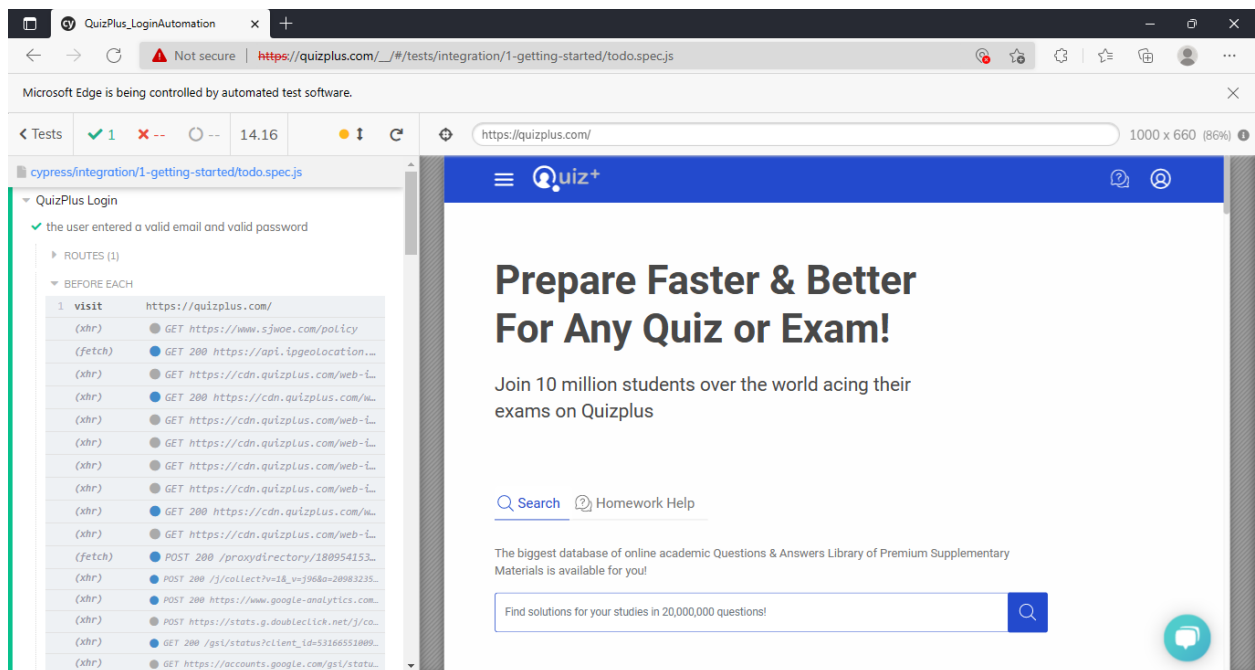
npm install cypress : install cypress framework

npx cypress open : open cypress

Then cypress will be opened



Then it will open the browser



Then script the first test case

1-Verify to login with valid “Email” and valid “password”

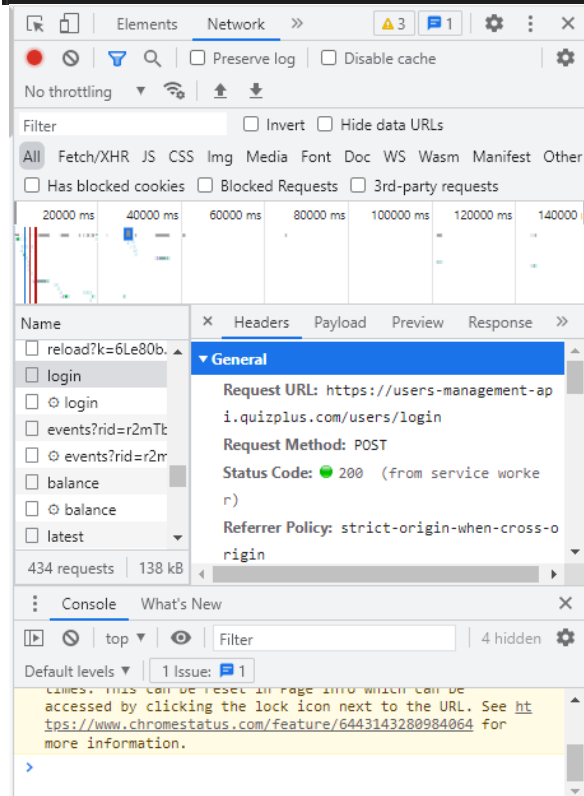
```

it('the user entered a valid email and valid password', () => {

  cy.get('.sign-up-login-link').click(); //click on login-logout in nav bar
  cy.contains("Login").click({force: true}) // by default will open signup popup , click on login button
  cy.get("#form").last().within(()=>{ //there is two popups opened .Last() mean the first popup showing
    cy.get("#email").type("bb.mx.fr@gmail.com") //typing email in Email field
    cy.get("#password").type("Alqam@123") //typing password in password field
    cy.intercept({method: "POST", url:"**/users/login"}).as("LoginRequest") //save the post result in LoginRequest
    cy.contains("Login").click() //if success the value must be 200
  })

  cy.wait("@LoginRequest").then((intercept)=>{
    assert.equal(intercept.response.statusCode, 200)
  })
})

```



That will be the output :

QuizPlus\_LoginAutomation x +

Not secure | [https://quizplus.com/\\_/#/tests/integration/1-getting-started/todo.spec.js](https://quizplus.com/_/#/tests/integration/1-getting-started/todo.spec.js)

Microsoft Edge is being controlled by automated test software.

< Tests 1 14.16 <https://manager.eu.smartlook.cloud/rec/init?lookup=find> 1000 x 660 (86%)

cypress/integration/1-getting-started/todo.spec.js

```
(xhr) GET https://accounts.google.com/gsi/statu...
(xhr) GET 200 https://accounts.google.com/gsi/s...
(xhr) GET 200 https://api.hubspot.com/livechat...
(xhr) GET https://forms.hubspot.com/colL...

TEST BODY
1 get .sign-up-login-link
2 -click
(xhr) POST https://manager.eu.smartlook...
3 contains Login
4 -click {force: true}
5 get .form
6 -last
7 -within
8 get #email
9 -type bb.mx.fr@gmail.com
10 POST https://manager.eu.smartlook...
11 -type Alqam@123
12 contains Login
13 -click
(xhr) POST 204 https://web-writer.sg.smartlook...
(xhr) POST 200 https://assets-proxy.smar...
```

Login

Welcome Back!

Continue with Google Continue with Facebook

Continue with LinkedIn Continue with Twitter

OR

Email  
bb.mx.fr@gmail.co

Password

Forgot your password?

DOM Snapshot: request

Type here to search

47°F 5:05 PM 2/26/2022

QuizPlus\_LoginAutomation x +

Not secure | [https://quizplus.com/\\_/#/tests/integration/1-getting-started/todo.spec.js](https://quizplus.com/_/#/tests/integration/1-getting-started/todo.spec.js)

Microsoft Edge is being controlled by automated test software.

< Tests 1 14.16 <https://quizplus.com/> 1000 x 660 (86%)

cypress/integration/1-getting-started/todo.spec.js

```
(xhr) GET https://accounts.google.com/gsi/statu...
(xhr) GET 200 https://accounts.google.com/gsi/s...
(xhr) GET 200 https://api.hubspot.com/livechat...
(xhr) GET https://forms.hubspot.com/colL...

TEST BODY
1 get .sign-up-login-link
2 -click
(xhr) POST https://manager.eu.smartlook...
3 contains Login
4 -click {force: true}
5 get .form
6 -last
7 -within
8 get #email
9 -type bb.mx.fr@gmail.com
10 POST https://manager.eu.smartlook...
11 get #password
12 -type Alqam@123
13 -click
(xhr) POST 204 https://web-writer.sg.smartlook...
(xhr) POST 200 https://assets-proxy.smar...
```

Welcome Back!

Continue with Google Continue with Facebook

Continue with LinkedIn Continue with Twitter

OR

Email  
bb.mx.fr@gmail.com

Password

Forgot your password?

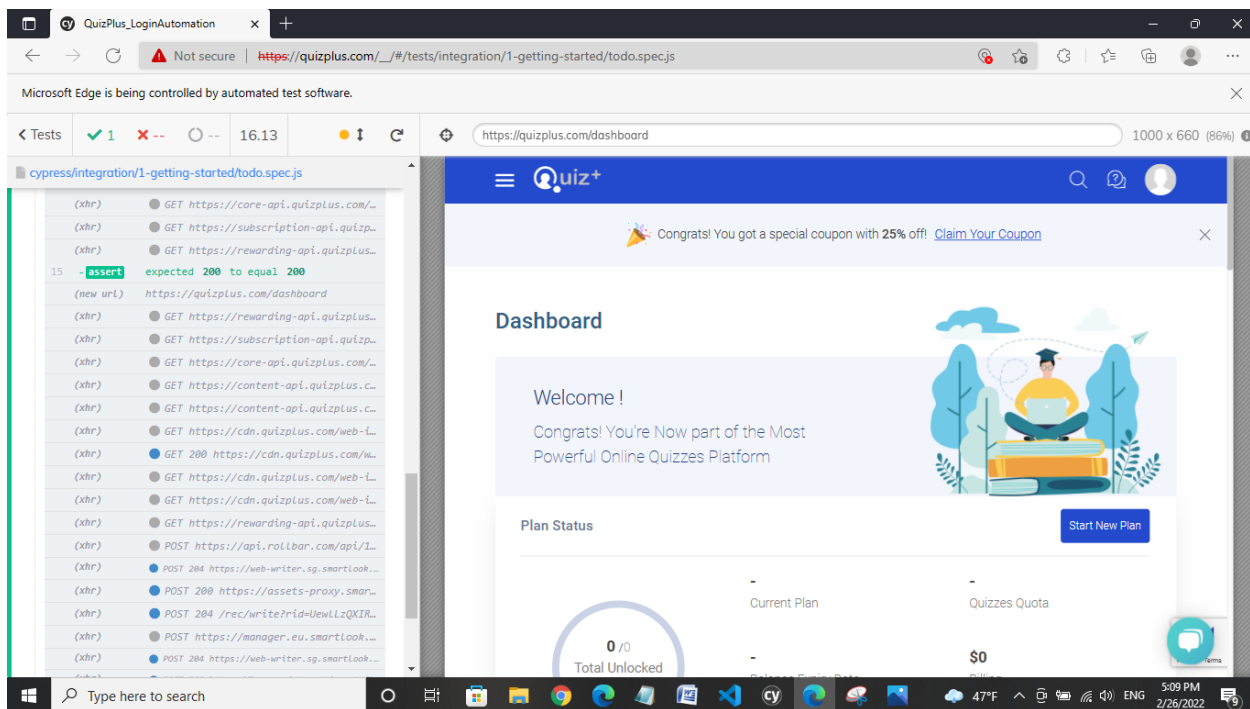
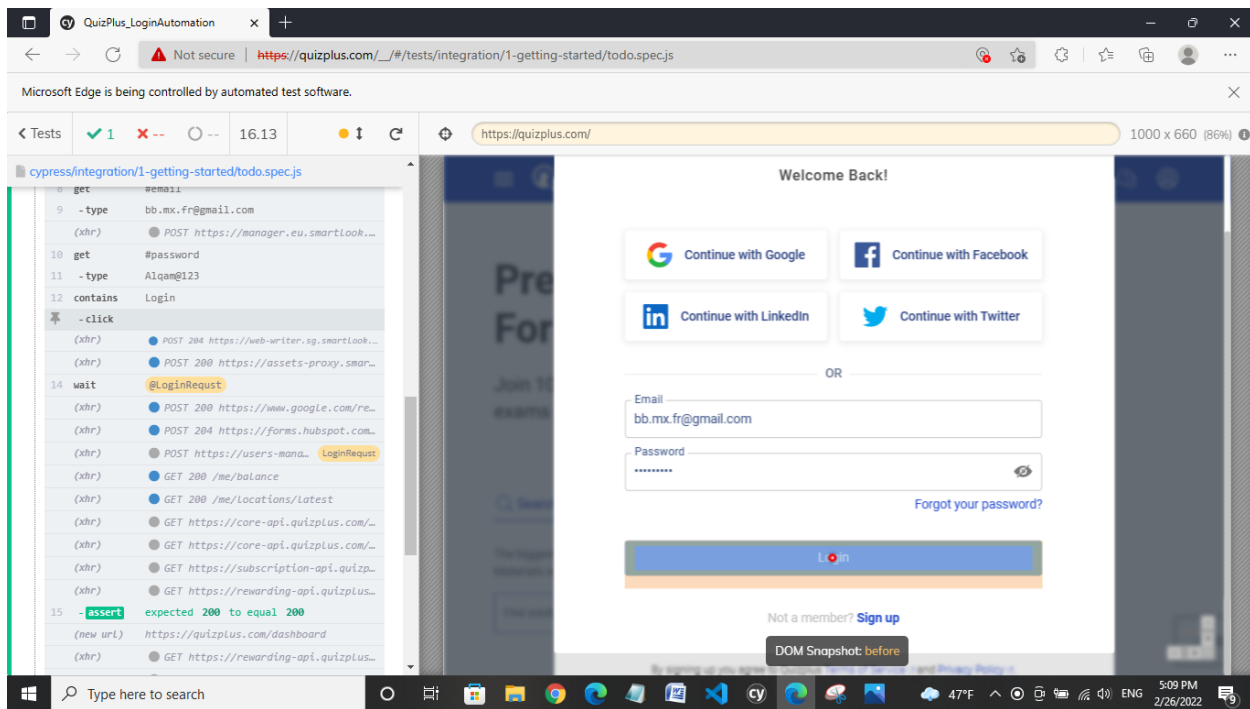
Login

Not a member? Sign up

DOM Snapshot

Type here to search

47°F 5:07 PM 2/26/2022



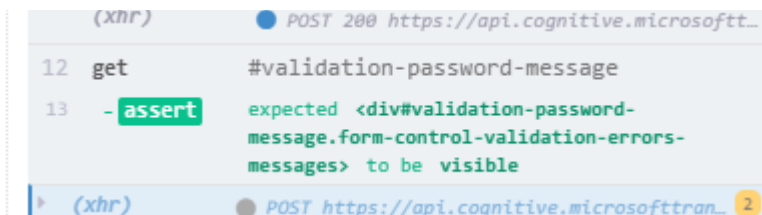
2- Verify to login with valid "Email" and blank "Password" field

```

it('the user entered a valid email without entering password', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.get(".form").last().within(()=>{
    cy.get("#email").type("bb.mx.fr@gmail.com")
    cy.contains("Login").click()
    cy.get("#validation-password-message").should("be.visible")
  })
})

```



### 3- Verify to login with valid "Password" and blank "Email" field

```

it('the user entered a valid password without entering email', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.get(".form").last().within(()=>{
    cy.get("#password").type("Alqam@123")
    cy.contains("Login").click()
    cy.get("#validation-email-message").should("be.visible")
  })
})

```



### 4- Verify to login with blank "Password" field and blank "Email" field

```

it('the user click login button when both fields are blank', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.get(".form").last().within(()=>{
    cy.contains("Login").click()
    cy.wait(2000)
    cy.get("#validation-email-message").should("be.visible")
    cy.get("#validation-password-message").should("be.visible")
  })
})

```



11	get	#validation-email-message
12	- assert	expected <div#validation-email-message.form-control-validation-errors-messages> to be visible
	(xhr)	POST 200 https://api.cognitive.microsoft...
	(xhr)	POST 200 https://www.google.com/re...
	(xhr)	POST 204 https://web-writer.sg.smartLook...
	(xhr)	POST 200 https://api.cognitive.microsoft...
13	get	#validation-password-message
14	- assert	expected <div#validation-password-message.form-control-validation-errors-messages> to be visible
	(xhr)	POST 200 https://api.cognitive.microsoft...

## 5- Verify to login with valid “Email” and invalid “Password”

```
it('the user entered valid email and invalid password', () => {
  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.get(".form").last().within(()=>{
    cy.get("#email").type("bb.mx.fr@gmail.com")
    cy.get("#password").type("Alqam@1234")
    cy.contains("Login").click()
  })
})
```

```
it('the user entered a valid email and different language password', () => {
  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.get(".form").last().within(()=>{
    cy.get("#email").type("bb.mx.fr@gmail.com")
    cy.get("#password").type("123@مشفة")
    cy.contains("Login").click()
  })
})
```

## 6-Verify on click “login” button with invalid “Email” and valid “Password”

```
it('the user entered invalid email and valid password', () => {
  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.get(".form").last().within(()=>{
    cy.get("#email").type("bb.mx.fr.zu@gmail.com")
    cy.get("#password").type("Alqam@123")
    cy.contains("Login").click()
  })
})
```

```

it('the user entered valid email and space before email', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.get(".form").last().within(()=>{
    cy.get("#email").type(" bb.mx.fr@gmail.com")
    cy.get("#password").type("Alqam@123")
    cy.contains("Login").click()
  })
})

  it('the user entered valid email and space after email', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.get(".form").last().within(()=>{
    cy.get("#email").type("bb.mx.fr@gmail.com ")
    cy.get("#password").type("Alqam@123")
    cy.contains("Login").click()
  })
})

```

8-Verify on click “Sign Up” button in “Login” popup will open “Sign Up” popup

```

it('the user click on Sign up button', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.contains("Sign up").click({force: true})
})

```

9- Verify on click “Forgot your password?” button in “Login” popup will open “Forgot your password?” popup

```

  it('the user click on Forgot your password? button', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.contains("Forgot your password?").click({force: true})

  })

```

10- Verify on click “Forgot your password?” button in “Login” popup then click on “Back to login” in “Forgot your password?” popup

```

it('the user entered click on Forgot your password? button then click on back to login button', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.contains("Forgot your password?").click({force: true})
  cy.contains("Back to Login").click({force: true})
})

```

11- Verify on click “Forgot your password?” button in “Login” popup then click on “Send Reset Password Link” in “Forgot your password?” popup thus the button can’t be pressed

```

it('the user entered click on Forgot your password? button then click on send Reset password link button', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.contains("Forgot your password?").click({force: true})
  cy.contains(" Send Reset Password Link").click({force: true})
})

```

12- Verify on click “Forgot your password?” button in “Login” popup then type a valid “Email” then click on “Send Reset Password Link” in “Forgot your password?” popup that will open “Reset Password” popup

```

it('the user click on Forgot your password? button then typing valid email then click on Reset password button', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.contains("Forgot your password?").click({force: true})
  cy.get(".form-group-with-validation").last().within(()=>{
    cy.get("#email").type("bb.mx.fr@gmail.com")
    cy.wait(2000)
  })
  cy.contains(" Send Reset Password Link").click({force: true})
})

```

13-Verify on click “Forgot your password?” button in “Login” popup then click on “Contact Us” button in “Forgot your password?” popup that will open inbox

```

it('the user click on Contact Us button in Forgot your password? popup', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.contains("Forgot your password?").click({force: true})
  cy.contains(" Need Help? ").within(()=>{
    cy.contains("Contact Us").click({force: true})
  })
})

```

14- Verify on click “Continue with Facebook”

```

it('the user click on Continue with Facebook', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.contains(" Continue with Facebook ").click({force: true})
})

```

15- Verify on click “Continue with Google”

```

it('the user click on Continue with Google', () => {

  cy.get('.sign-up-login-link').click();
  cy.contains("Login").click({force: true})
  cy.contains(" Continue with Google ").click({force: true})
})

```

## 16- Verify on click “Continue with LinkedIn”

```
it('the user click on Continue with LinkedIn', () => {  
  cy.get('.sign-up-login-link').click();  
  cy.contains("Login").click({force: true})  
  cy.contains(" Continue with LinkedIn ").click({force: true})  
})
```

## 17- Verify on click “Continue with Twitter”

```
it('the user click on Continue with Twitter', () => {  
  cy.get('.sign-up-login-link').click();  
  cy.contains("Login").click({force: true})  
  cy.contains(" Continue with Twitter ").click({force: true})  
})
```

## 18- Verify on click close button will close “Login” popup

```
it('the user open login popup and close it using close(X) button', () => {  
  cy.get('.sign-up-login-link').click();  
  cy.contains("Login").click({force: true})  
  cy.get(".close-wrapper").within(()=>{  
    cy.get('[alt="close modal"]').last().click()  
  })  
})
```

#### ▼ QuizPlus Login

- ✓ the user entered a valid email and valid password
- ✓ the user entered a valid email without entering password
- ✓ the user entered a valid password without entering email
- ✓ the user click login button when both fields are blank
- ✓ the user entered valid email and invalid password
- ✓ the user entered a valid email and different language password
- ✓ the user entered invalid email and valid password
- ✓ the user entered valid email and space before email
- ✓ the user entered valid email and space after email
- ✓ the user click on Sign up button
- ✓ the user click on Forgot your password? button
- ✓ the user entered click on Forgot your password? button then click on back to login button
- ✓ the user entered click on Forgot your password? button then click on send Reset password link button
- ✓ the user click on Forgot your password? button then typing valid email then click on Reset password button