徽标

描述已自动生成

B-BAY ECOMMERCE SYSTEM

**Unit InterATION Test Plan**

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Project Team

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**PREPARED FOR:**

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# a.1.2.1.1.1 Enter password

Date: November 30th 2022

Name: Habiba Karim Rinky

Objective: Write a test case to check if the user can enter a password. The user is expected to enter a password.

**Coverage Measurement:**

1. Compound Condition: 100%

2. Loop: 80%

3. Basis Test:80%

**Individual Test Cases**

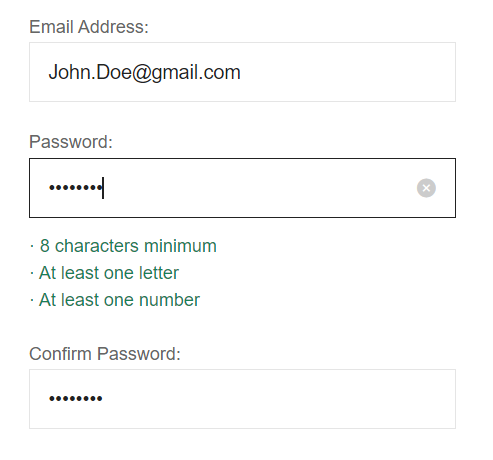
**1. Compound Condition**

a. Test case 1: Enter correct password

Input data: password= “John123@”

Expected output: See the picture below SS1

Actual output: Matches the expected output.



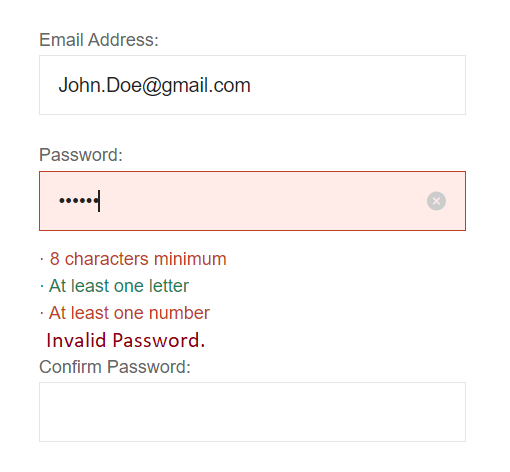
Pic: SS1

b. Test case 2: Enter invalid password

Input data: password = “123456ht”

Expected output: See the picture below SS2

Actual output: Matches the expected output.



Pic: SS2

**2.** **Branch Coverage**

For the if statement, has 2 possibilities

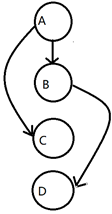
a. If password is valid

b. If password is not valid

**3.** **Basis Test**

4 nodes and 3 edges.

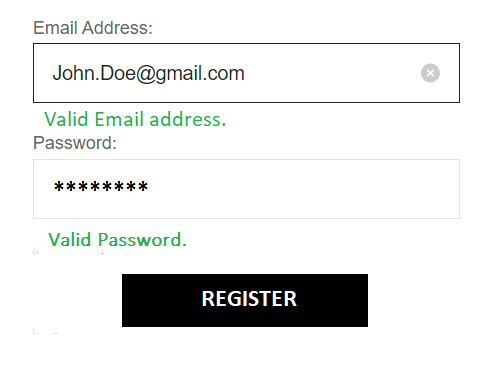
V(G) = E-N+2 = 1



Test Path: A->C

Input: Password =”John123@”

Expected output: see the pictures below SS3



Pic: SS3

**4.Final test case:**

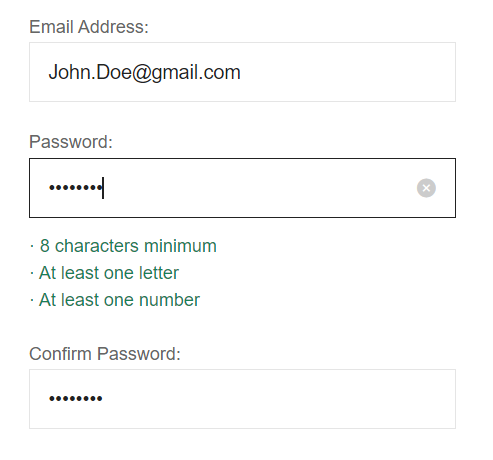
Test Case 1

Enter correct password

Input data: password= “John123@”

Expected output: See the picture below SS4

Actual output: Matches the expected output.



Pic: SS4

Test Case 2

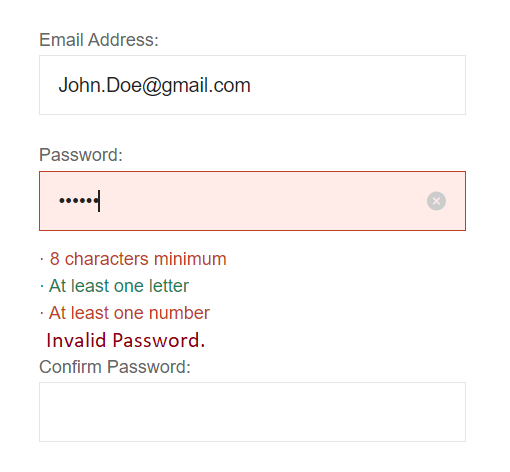
Enter invalid password

Input data: password = “123456ht”

Expected output: See the picture below SS5

Actual output: Matches the expected output.

Pic: SS5



# b. 1.2.1.1.2 Forgot password button

Date: November 30th 2022

Name: Fatoumata Ceesay

Objective: Write a test case to check if the user can generate a new password when they forget their password.

**Coverage Measurement:**

1. Compound Condition: 100%

2. Principal Path: 80%

3. Basis Test:80%

**Individual Test Cases**

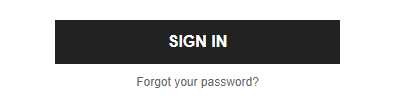
**1. Compound Condition**

a. Test case 1: Forgot password button

Input data = “Forget Password” Button

Expected output: See the picture below SS6

Actual output: Matches the expected output.



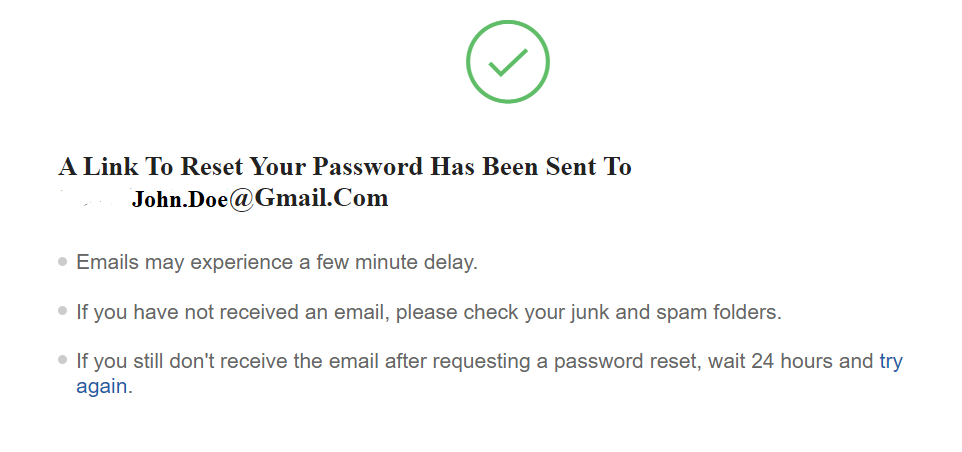
Pic: SS6

b. Test case 2: Send email to email address

Input data: Click to “Continue” button on forgotten password

Expected output: See the picture below SS7

Actual output: Matches the expected output.



Pic: SS7

**2.** **Branch Coverage**

For the if statement, has 2 possibilities

a. If clicked on “Forget Password” button

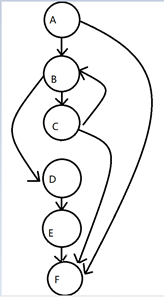
b. If email is sent to email address

**3.** **Basis Test**

8 nodes and 8 edges.

V(G) = E-N+2

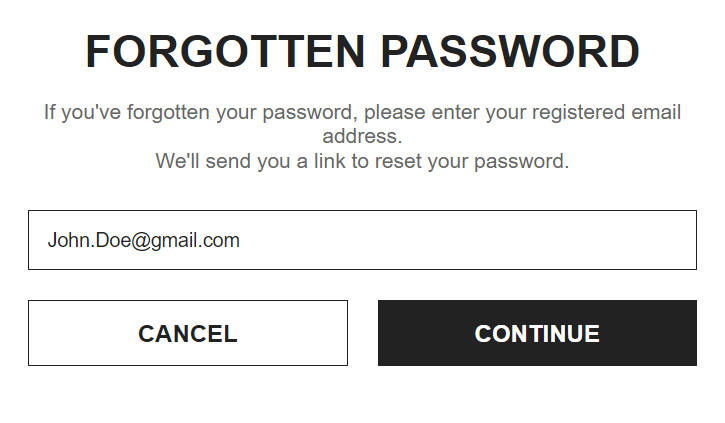
V(G) =8-8+2=2



Test Path： A -> B -> D -> E -> F

Test Data: Click to “Forget Password” Button

Expected output: See below SS8



Pic: SS8

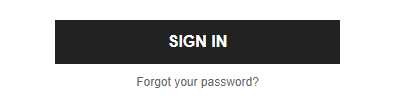
**4.Final test case:**

Test case 1: Forgot password button

Input data = “Forget Password” Button

Expected output: See the picture below SS6

Actual output: Matches the expected output.



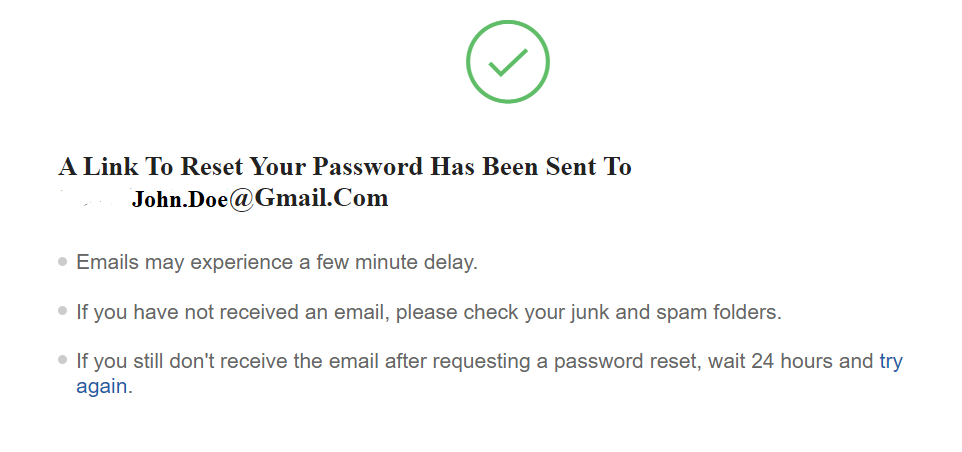
Pic: SS6

Test case 2: Send email to email address

Input data: Click to “Continue” button on forgotten password

Expected output: See the picture below SS7

Actual output: Matches the expected output.



Pic: SS7

# c. Integration Test Plan

**FWBS number & name** 1.2.1.1.1 Enter Password & 1.2.1.1.2 Forgot password button

**Date** : November 30th 2022

**Name**: Habiba Karim Rinky

**Purpose** To test the entering password interface of the user

**Coverage Measurement (%)**

a. Compound Conditions (90%)

b. Branch Coverage (80%)

c. Basis Test (100%)

**Individual Test Cases**

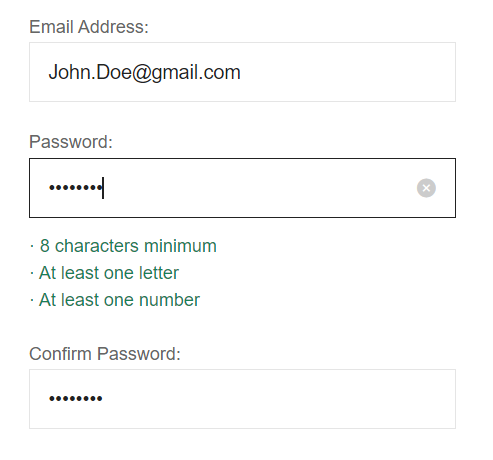
1. Compound Condition

a. Test case 1: Enter correct password

Input data: password= “John123@”

Expected output: See the picture below SS1

Actual output: Matches the expected output.



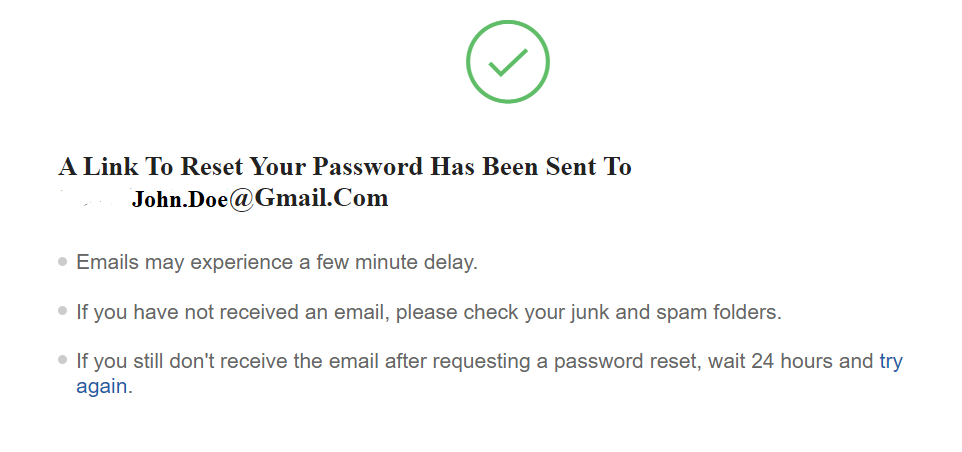
Pic: SS1

b. Test case 2: Send email to email address

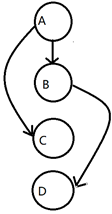
Input data: Click to “Continue” button on forgotten password

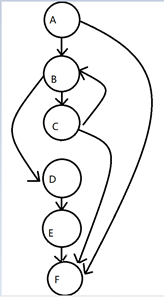
Expected output: See the picture below SS7

Actual output: Matches the expected output.



**3.** **Basis Test**





10 nodes 11 edges

V(G) = E – N + 2 = 3

Test path: A->C

A -> B -> D -> E -> F

A -> B -> C -> F

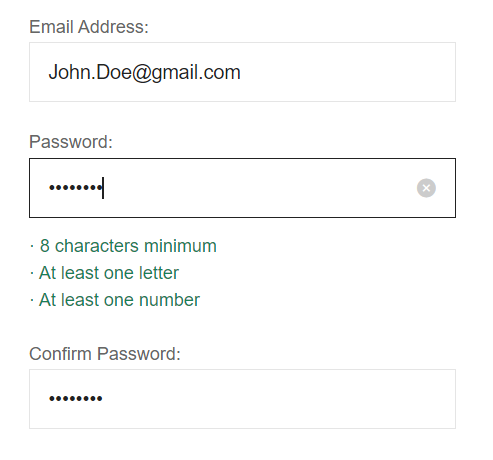
**4.Final test case:**

a. Test case 1: Enter correct password

Input data: password= “John123@”

Expected output: See the picture below SS1

Actual output: Matches the expected output.



Pic: SS1

b. Test case 2: Send email to email address

Input data: Click to “Continue” button on forgotten password

Expected output: See the picture below SS7

Actual output: Matches the expected output.

