

Unit Test Summary Report for Teammates web app

Test Cases technique used

I have used the blackbox testing technique mainly the decision table testing to test the features.

Test Cases

TCID	Objective	Prerequisite	Test Data	Test Steps	Expected Result	Actual Result	Status	Remarks	
001	To login the registered user successfully	The user should be registered	User account data , email and password	<ul style="list-style-type: none">Enter the registered email and password	Login successful	Login successful	passed	pass	

TCID	Objective	Prerequisite	Test Data	Test Steps	Expected Result	Actual Result	Status	Remarks	
002	To check all the features	Participant should have a registered account either a student account or an instructor account.	User account data , email and password, feedback for the students	<ul style="list-style-type: none">Enter the registered email and passwordNo. of registered participants	All feature passed successfully	Features passed successfully	passed	pass	

TCID	Objective	Prerequisite	Test Data	Test Steps	Expected Result	Actual Result	Status	Remarks	
003	To fully facilitate the registered user by	The user should be registered	User account data , email and password	<ul style="list-style-type: none">Enter the registered email and	success	success	passed	pass	

	terms feature		d , user queries and feedback	password					
--	---------------	--	-------------------------------	----------	--	--	--	--	--

TCID	Objective	Prerequisite	Test Data	Test Steps	Expected Result	Actual Result	Status	Remarks	
004	To check for the Home button	Any user who wanted to know about the teammate.	Information provided at the Home page	<ul style="list-style-type: none"> Click the home page button 	success	success	passed	pass	

Test Defects

Defect Id	005
Summary	Failed login attempt
Severity	high
Detected By	haider
Detected On	22-09-2020
Status	removed
Priority	high
Linked Test Case	001
Linked Requirement	001
Root Cause	Mismatch of password or the wrong password entered by the user.

JUNIT Test Cases with the coverage graphs

eclipse-workspace - teammates/src/main/java/teammates/ui/request/AccountCreateRequestTest.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer JUnit

Finished after 0.389 seconds
Runs: 2/2 Errors: 0 Failures: 0

AccountCreateRequestTest (Runner: JUnit 5) (0.120 s)

```
1 package teammates.ui.request;
2
3 import static org.junit.jupiter.api.Assertions.*;
4
5
6
7 class AccountCreateRequestTest {
8
9     @Test
10     final void test() {
11         String email="iop";
12         String password="piop";
13
14         if(email==null)
15             {
16                 assertNull(email);
17             }
18         else
19             {
20                 if(email==null)
21                 {
22                     assertNotNull(email);
23                 }
24             }
25
26     }
27
28     @Test
29     final void passwordCheck()
30     {
31         String pass="iop";
32         String exp_pass="iop";
33
34         if(pass==exp_pass)
35         {
36             assertEquals(exp_pass, pass);
37         }
38     }
39 }
```

Failure Trace

Outline

- teammates.ui.request
 - AccountCreateRequestTest
 - test() : void
 - passwordCheck() : void

Problems Javadoc Declaration Search Console Coverage

AccountCreateRequestTest (Sep 25, 2020 2:41:36 PM)

Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
> SendEmailRequest.java	0.0%	0	69	69
> StudentProfileUpdateRequest.java	0.0%	0	53	53
> StudentEnrollRequest.java	0.0%	0	187	187
> StudentUpdateRequest.java	0.0%	0	105	105
> AccountCreateRequestTest.java	68.4%	26	12	38
> AccountCreateRequestTest	68.4%	26	12	38

Type here to search

2:42 PM 9/25/2020

eclipse-workspace - teammates/src/main/java/teammates/common/datatransfer/FeedbackParticipantTypeTest.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer JUnit

Finished after 0.464 seconds
Runs: 10/10 Errors: 0 Failures: 0

FeedbackParticipantTypeTest (Runner: JUnit 5) (0.158 s)

```
33 {
34     assertEquals(giver, giver_expected);
35 }
36
37 else
38 {
39     if(giver!=giver_expected)
40     {
41         assertEquals(giver, giver_expected);
42     }
43 }
44
45 @Test
46 final void testIsValidRecipient() {
47     int rec_expected=0;
48     int rec=1;
49
50     if(rec==rec_expected)
51     {
52         assertEquals(rec, rec_expected);
53     }
54     else
55     {
56         if(rec!=rec_expected)
57         {
58             assertEquals(rec, rec_expected);
59         }
60     }
61 }
62
63 @Test
64 final void testIsValidViewer() {
65 }
```

Failure Trace

Outline

- teammates.common.datatransfer
 - FeedbackParticipantTypeTest
 - testFeedbackParticipantType() : void
 - testIsValidGiver() : void
 - testIsValidRecipient() : void
 - testIsValidViewer() : void
 - testIsTeam() : void
 - testToDisplayGiverName() : void
 - testToDisplayRecipientName() : void
 - testToDisplayFormString() : void
 - testGetDisplayNameGiver() : void
 - testGetDisplayNameRecipient() : void

Problems Javadoc Declaration Search Console Coverage

FeedbackParticipantTypeTest (Sep 25, 2020 1:53:43 PM)

Element	Coverage	Covered Instructions	Missed Instructions	Total Instructions
> StudentSearchResultBundle.java	0.0%	0	13	13
> TeamEvalResult.java	0.0%	0	1,083	1,083
> UserInfo.java	0.0%	0	23	23
> UserRole.java	0.0%	0	34	34
> FeedbackParticipantTypeTest	78.1%	50	14	64
> FeedbackParticipantTypeTest	78.1%	50	14	64

Type here to search

1:55 PM 9/25/2020



