

## Project Name: System Testing

## Test Cases

**Test Case ID:** Testcase\_001

**Test Designed by:** Group 5

**Test Priority (Low/Medium/High):** Med

**Test Designed date:** 23/11/2024

**Module Name:** Sign up test

**Test Executed by:** 6587059 Punyaphat waleesuksan

**Test Title:** sign up test

**Test Execution date:** 23/11/2024

**Description:** Test the ITDS362 Sign up page

**Pre-conditions:** User is on the website

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	LaunchWebsite	http://45.136.236.146:8081/	ITDS362 Forum	ITDS362 Forum	Pass	
2	Verify normal sign-up process	Username: "user1234" Password: "pass1234" Email: "user@example.com"	Registration is successful	Registration is successful	Pass	
3	Enter password less than 8 chars	Username: "user1234" Password: "pass" Email: "user@example.com"	Registration is unsuccessful	Registration is unsuccessful	Pass	
4	Enter duplicate username	Username: "user1234" Password: "pass1234" Email: "user@example.com"	Registration is unsuccessful	Registration is unsuccessful	Pass	'The username has already been taken.', 'The email has already been taken.'
5	Enter email in invalid format	Username: "user1234" Password: "pass1234" Email: "userexample.com"	Registration is unsuccessful	Registration is unsuccessful	Pass	'please include @ in the email address "userexample.com" missing @'
6	Leave all fields empty	Username: (blank) Password: (blank) Email: (blank)	Registration is unsuccessful	Registration is unsuccessful	Pass	
7	Enter password without a letter	Username: "plume" Password: "12345678" Email: "user@example.com"	Registration is unsuccessful	Registration is successful	Fail	
8	Enter duplicate email	Username: "user1234" Password: "pass1234" Email: "existing@example.com"	Registration is unsuccessful	Registration is unsuccessful	Pass	'The email has already been taken.'
9	Leave all fields empty	Username: "" Password: ""	Registration is unsuccessful	Registration is unsuccessful	Pass	The username field is required. The email field is required.

Email: ""

The password field is required.

**Post-conditions:**

**Valid Sign-Up:** When the sign-up is successful, the system sends a confirmation email to the provided email address for verification. The user account remains inactive until the email is verified.

**Test Case ID:** Testcase\_002

**Test Designed by:** Group 5

**Test Priority (Low/Medium/High):** Med

**Test Designed date:** November 23 2024

**Module Name:** ITDS362 Forum login screen

**Test Executed by:** 6587085 Panyapat Sangaroon

**Test Title:** Verify login with valid and invalid username and password

**Test Execution date:** November 23 2024

**Description:** Test the ITDS362 login page

**Pre-conditions:** User is on the website

**Dependencies:** -

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	LanchWebsite	<b>http://45.136.236.146:8081/</b>	ITDS362 Forum	ITDS362 Forum	Pass	
2	Login with valid username and password	Username : "punnykaleyunai" Password : "123456qwer"	Log in successfully	Log in successfully	Pass	
3	Login with valid uppercase username and password	Username : "PUNNYKALEYUNAI" Password : "123456qwer"	Log in unsuccessfully	Log in successfully	Fail	
4	Login with valid username and uppercase password	Username : "punnykaleyunai" Password : "123456QWER"	Log in unsuccessfully	Log in unsuccessfully	Pass	" Your login details were incorrect "
5	Login with valid email and password	Username : "panyapat.san@student.mahidol.edu" Password : "123456qwer"	Log in successfully	Log in successfully	Pass	
6	Login with valid uppercase email and password	Username : "PANYAPAT.SAN@STUDENT.MAHIDOL.EDU" Password : "123456qwer"	Log in successfully	Log in successfully	Pass	
7	Login with invalid username and valid password	Username : "sadamqwr" Password : "123456qwer"	Log in unsuccessfully	Log in unsuccessfully	Pass	" Your login details were incorrect "

8	Login with valid username and invalid password	Username : "punnykaleyunai" Password : "asdsqrews"	Log in unsuccessfully	Log in unsuccessfully	Pass	" Your login details were incorrect "
9	Login with didn't enter username and valid password	Username : " " Password : "123456qwer"	Log in unsuccessfully	Log in unsuccessfully	Pass	" Your login details were incorrect "
10	Login with valid username and didn't enter password	Username : "punnykaleyunai" Password : " "	Log in unsuccessfully	Log in unsuccessfully	Pass	" Your login details were incorrect "
11	Login with didn't enter username and password	Username : " " Password : " "	Log in unsuccessfully	Log in unsuccessfully	Pass	" Your login details were incorrect "

**Post-conditions: -**

**Test Case ID:** Testcase\_003

**Test Priority (Low/Medium/High):** Med

**Module Name:** Forgot Password Test

**Test Title:** Forgot Password Test

**Description:** Test the ITDS362 Forgot Password

**Test Designed by:** Group5

**Test Designed date:** November 23 2024

**Test Executed by:** 6587039 Sirawich Luengpaitoon

**Test Execution date:** November 23 2024

**Pre-conditions:** User is on the website

**Dependencies:**

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	LanchWebsite	http://45.136.236.146:8081/	ITDS362 Forum	ITDS362 Forum	Pass	
2	Click on "Forgot Password"		User is redirected to the "Forgot	User is redirected to the "Forgot Password"	Pass	

			Password" page	page		
3	Provide valid email address	User: "sirawich80447@gmail.com"	Forgot Password request is successfully	Forgot Password request is successfully	Pass	
4	Provide invalid email address	User: "sirawich8@gmail"	Forgot Password request is unsuccessfully	Forgot Password request is unsuccessfully	Pass	
5	The email field is required.		request is unsuccessfully	request is unsuccessfully	Pass	
6	missing an @	User: "sirawich80447gmail.com"	request is unsuccessfully	request is unsuccessfully	Pass	
7	uppercase email	User: "SIRAWICH80447@GMAIL.COM"	request is unsuccessfully	request is successfully	fail	

**Post-conditions:**

When the Forgot Password request is successful, the system sends a confirmation email to the provided email address for verification.