

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.001

Test Designed by: Chunxiao Wang

Test Priority: High

Test Designed date: 12/08/19

Module Name: Register

Test Executed by Test Team

Test Title: Register Validation test #1

Test Execution date: 12/11/19

Description:

This is a test case for module “Register” requiring the user to input valid registration info including name, email address, username, password and password confirmation.

Objective:

Test if the user can successfully register with the system when valid credentials are provided.

Pre-conditions:

The entered email address is a valid NYU email address. Then entered password is at least 8 characters. The password confirmation is the same as the password entered before.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester enter valid registration info including name, email address, username, password, and password confirmation	Name: Anna Email Address: aa108@nyu.edu Username: anna0130 Password: 19980130 Password Confirmation: 19980130	System returns registration status as “success” into the log file. User information stored in system. System displays “success” message and prompt the user to log in.	System returns registration status as “success” into the log file. User information stored in system. System displays “success” message and prompt the user to log in.	Pass	

Post-conditions:

System logs message: “Registration successful”. User information stored in the system data section. User prompt to log in.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.002

Test Designed by: Chunxiao Wang

Test Priority: High

Test Designed date: 12/08/19

Module Name: Register

Test Executed by Test Team

Test Title: Register Validation test #2

Test Execution date: 12/11/19

Description:

This is a test case for module “Register” requiring the user to input an invalid email address and valid registration info including name, username, password and password confirmation.

Objective:

Test if the system can detect an invalid email address.

Pre-conditions:

The entered email address is not a valid NYU email address. Then entered password is at least 8 characters. The password confirmation is the same as the password entered before.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester enter valid registration info including name, username, password, and password confirmation along with an invalid email address	Name: Anna Email Address: annasteisia@gmail.com Username: anna0130 Password: 19980130 Password Confirmation: 19980130	System returns error message “Invalid email address!”. and prompt the user to re-enter	System returns error message “Invalid email address!”. and prompt the user to re-enter	Pass	

Post-conditions:

System logs message: “ Invalid registration number”. System sends a prompt for the user to re-enter email address.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.003

Test Designed by: Chunxiao Wang

Test Priority: High

Test Designed date: 12/08/19

Module Name: Register

Test Executed by Test Team

Test Title: Register Validation test #3

Test Execution date: 12/11/19

Description:

This is a test case for module “Register” requiring the user to input an invalid password and valid registration info including name, username, and email address.

Objective:

Test if the system can detect an invalid password.

Pre-conditions:

The entered password is shorter than 8 characters. The entered email address is a valid NYU email address. The password confirmation is the same as the password entered before.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester enter valid registration info including name, username, and email address along with an invalid password	Name: Anna Email Address: Cw2721@nyu.edu Username: anna0130 Password: 1998 Password Confirmation: 1998	System returns error message “Password needs to be at least 8 characters” and prompt the user to re-enter	System returns error message “Password needs to be at least 8 characters” and prompt the user to re-enter	Pass	

Post-conditions:

System logs message: “ Password needs to be at least 8 characters”. System sends a prompt for the user to re-enter password.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.004

Test Designed by: Chunxiao Wang

Test Priority: High

Test Designed date: 12/08/19

Module Name: Register

Test Executed by Test Team

Test Title: Register Validation test #4

Test Execution date: 12/11/19

Description:

This is a test case for module “Register” requiring the user to input an invalid password confirmation which is different from the password first entered before and valid registration info including name, username, password and email address.

Objective:

Test if the system can detect when the password confirmation is different from the password entered before.

Pre-conditions:

The entered email address is a valid NYU email address. Then entered password is at least 8 characters.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester enter valid registration info including name, username, password and email address along with an invalid password confirmation	Name: Anna Email Address: Cw2721@nyu.edu Username: anna0130 Password: 19980130 Password Confirmation: 19981030	System returns error message “Password confirmation doesn’t match entered password” and prompt the user to re-enter	System returns error message “Password confirmation doesn’t match entered password” and prompt the user to re-enter	Pass	

Post-conditions:

System logs message: “ Password confirmation doesn’t match entered password”.
System sends a prompt for the user to re-enter password.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.005

Test Designed by: Chunxiao Wang

Test Priority: Medium

Test Designed date: 12/08/19

Module Name: Log In

Test Executed by Test Team

Test Title: Log in Validation test #1

Test Execution date: 12/11/19

Description:

This is a test case for module “Log In” requiring the user to input valid username and password to log in to the system.

Objective:

Test if the system can successfully log the user in when valid username and password are provided

Pre-conditions:

The entered username and password are valid registered inputs.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester enter valid log in info including username and password	Username: anna0130 Password: 19980130	System returns log in status as “success” into the log file. System displays “success” message and display user homepage.	System returns log in status as “success” into the log file. System displays “success” message and display user homepage.	Pass	

Post-conditions:

System logs message: “Log in successful”. System displays the user’s homepage.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.006

Test Designed by: Chunxiao Wang

Test Priority: Medium

Test Designed date: 12/08/19

Module Name: Log In

Test Executed by Test Team

Test Title: Log in Validation test #2

Test Execution date: 12/11/19

Description:

This is a test case for module “Log In” requiring the user to input a registered username with wrong password.

Objective:

Test if the system can detect a wrong password.

Pre-conditions:

The entered username is registered.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester enter a registered username with a wrong password	Username: Anna0130 Password: 19981030	System returns error message “Wrong password” and prompt the user to re-enter	System returns error message “Wrong password” and prompt the user to re-enter	Pass	

Post-conditions:

System logs message: “ Wrong password”. System sends a prompt for the user to re-enter username.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.007

Test Designed by: Chunxiao Wang

Test Priority: Medium

Test Designed date: 12/08/19

Module Name: Log In

Test Executed by Test Team

Test Title: Log in Validation test #3

Test Execution date: 12/11/19

Description:

This is a test case for module “Log In” requiring the user to input unregistered username and password.

Objective:

Test if the system can detect an unregistered username.

Pre-conditions:

The entered username is not registered.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester enter unregistered username and password	Username: anna Password: 19980130	System returns error message “Username not registered” and prompt the user to re-enter	System returns error message “Username not registered” and prompt the user to re-enter	Pass	

Post-conditions:

System logs message: “ Username not registered”. System sends a prompt for the user to re-enter username.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.008

Test Designed by: Chunxiao Wang

Test Priority: Medium

Test Designed date: 12/08/19

Module Name: Enroll in Class

Test Executed by Test Team

Test Title: Enroll in Class Validation
test #1

Test Execution date: 12/11/19

Description:

This is a test case for module “Enroll In Class” requiring the user to select an unfilled class within the add and drop deadline.

Objective:

Test if the system successful enroll a student in a class.

Pre-conditions:

The user already logs into a valid student account.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester select a course with remaining seats and within the add and drop deadline.	User select class “Mandarin101”	System returns log in status as “success” into the log file. System displays “success” message and display user homepage.	System returns log in status as “success” into the log file. System displays “success” message and display user homepage.	Pass	

Post-conditions:

System logs message: “ Enroll successful”. System displays the user’s homepage.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.009

Test Designed by: Chunxiao Wang

Test Priority: Medium

Test Designed date: 12/08/19

Module Name: Enroll in Class

Test Executed by Test Team

Test Title: Enroll in Class Validation
test #2

Test Execution date: 12/11/19

Description:

This is a test case for module “Enroll in Class” requiring the user to select a full class.

Objective:

Test if the system can stop user from enrolling in a fully occupied class.

Pre-conditions:

The user already logs into a valid student account.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester select a course that's already filled to full capacity.	User select class "French101"	System returns error message "Class Full" and display user homepage.	System returns error message "Class Full" and display user homepage.	Pass	

Post-conditions:

System logs message: " Class Full". System displays the user's homepage.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.010

Test Designed by: Chunxiao Wang

Test Priority: Medium

Test Designed date: 12/08/19

Module Name: Enroll in Class

Test Executed by Test Team

Test Title: Enroll in Class Validation
test #3

Test Execution date: 12/11/19

Description:

This is a test case for module “Enroll in Class” requiring the user to select a class that has passed its add and drop deadline.

Objective:

Test if the system can stop user from enrolling in a class after its add and drop deadline has passed.

Pre-conditions:

The user already logs into a valid student account.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester select a course whose add and drop deadline has already passed.	User select class “Mandarin201”	System returns error message “Deadline Passed” and display user homepage.	System returns error message “Deadline Passed” and display user homepage.	Pass	

Post-conditions:

System logs message: “Deadline Passed”. System displays the user’s homepage.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.011

Test Designed by: Chunxiao Wang

Test Priority: Medium

Test Designed date: 12/08/19

Module Name: Search for a Class

Test Executed by Test Team

Test Title: Search for a Class

Test Execution date: 12/11/19

Validation test #1

Description:

This is a test case for module “Search for a Class” requiring the user to enter a valid course title to search for a class.

Objective:

Test if the system can accurately process course search requests.

Pre-conditions:

The user already logs into a valid student account. The searched course is a valid course in the course catalog.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester search for a existing course.	User search for class “Mandarin101”	System returns log in status as “success” into the log file. System displays course info page.	System returns log in status as “success” into the log file. System displays course info page.	Pass	

Post-conditions:

System logs message: “ Search successful”. System displays course info page.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.012

Test Designed by: Chunxiao Wang

Test Priority: Medium

Test Designed date: 12/08/19

Module Name: Search for a Class

Test Executed by Test Team

Test Title: Search for a Class

Test Execution date: 12/11/19

Validation test #2

Description:

This is a test case for module “Search for a Class” requiring the user to enter an invalid course title to search for a class.

Objective:

Test if the system can display corresponding error message when the entered course title is not in the course catalog.

Pre-conditions:

The user already logs into a valid student account. The searched course is an invalid course not in the course catalog.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester search for a non-existing course.	User search for class “Mandarin111”	System returns error message “Course not exist” and prompt the user to re-enter.	System returns error message “Course not exist” and prompt the user to re-enter.	Pass	

Post-conditions:

System logs message: “ Username not registered”. System sends a prompt for the user to re-enter course title.

Test Case

Project Name: Tower of Babel Learning Management System

Test Case ID: No.013

Test Designed by: Chunxiao Wang

Test Priority: Low

Test Designed date: 12/08/19

Module Name: Upload a File

Test Executed by Test Team

Test Title: Upload a File Validation
test #1

Test Execution date: 12/11/19

Description:

This is a test case for module "Upload a File" requiring the user to upload a file to the forum of the system.

Objective:

Test if the system can allow user to upload a file to its forum and display corresponding message.

Pre-conditions:

The user already logs into a valid account.

Step	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Tester upload a file to the forum.	Upload file "Poster.png"	System returns log in status as "success" into the log file. File uploaded onto the forum. System displays success message.	System returns log in status as "success" into the log file. File uploaded onto the forum. System displays success message.	Pass	

Post-conditions:

System logs message: "Upload successful". File is stored in the forum and success message is displayed.