Course 360

Software Test Plan

CSCI-P465/565 (Software Engineering I)

Project Team

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1. Overview

To check the proper working and correct functionality.

1.1 Test Objectives
Objective is to check the proper functionality of sign in, forgot password and user registration.

1.2 Test Environment

MacOS and windows operating systems were used for testing

1.3 Test Personnel

Manual testing was involved in the project to test different scenarios.

1.4 Acceptance Criteria

If user is able to register successfully after filling out the required details - Registration

If user can login successfully after providing email and password- Login

If user can able to reset his password based on one time password generated and shared over his mail- Forgot password

1.5 Noted Omissions

NA

2. Test Cases

Step	Test Step	Test Data	Expected Result	Actual Result	Status
Registration	New user should be able to login and get the activation link in email	Enter the details and send activation link	Activation link must be received by the new user	Link received	PASS
Login	Registered user should be able to login with the correct password	Password = 1234	Successful login and dashboard visible.	Login successful for the user	PASS
Forgot Password	In case user has forgot his/he password, a OTP with the answer to security question is required.	Correct answer to security question	OTP Generated and sent in email for reset.	Password reset successfully.	PASS
Add courses by registrar	The registrar should only be able to add courses.	Registrar login successful by matching his user id with role.	Option to add courses should only be available to registrar	Registrar able to add courses.	PASS
No other user is able to add courses.	The student and professor should not have to option to add courses	Login successful and getting the user role matched.	Student and professor not able to add courses	No option available for student or professor to add courses.	PASS
Edit courses by registrar	The registrar should only be able to edit courses.	Registrar login successful by matching his user id with role.	Option to edit courses should only be available to registrar	Registrar able to edit courses.	PASS
No other user is able to edit courses.	The student and professor should not have to option to edit courses	Login successful and getting the user role matched.	Student and professor not able to edit courses	No option available for student or professor to edit courses.	PASS
Delete courses by registrar	The registrar should only be able to delete courses.	Registrar login successful by matching his user id with role.	Option to delete courses should only be available to registrar	Registrar able to delete courses.	PASS
No other user is able to delete courses.	The student and professor should not have to option to delete courses	Login successful and getting the user role matched.	Student and professor not able to delete courses	No option available for student or professor to delete courses.	PASS
View all courses	The registrar, student and professor all must be able to view the list of all courses	Successful login and the option to view all the courses should be available.	The list of all the courses must be available	All the courses are listed	PASS
List of all professors so that registrar	Ability of the registrar to view a list of all the professors	Successful login by the registrar and option to view	A complete professor list must be available	List of professors displayed.	PASS

can allot courses		the list of all the professors			
Fetch the professor's schedule	On the basis of the professor id, the schedule must be displayed.	On successful login, given user_id, list all the days of the week when professor has classes	Number of days in a week the professor has classes scheduled	The list with the days displayed.	PASS

Revision History

NA

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