

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

User is able to register successfully- Registration API

OTP is sent – Login API

Student can change themes – Theme API

Student can search for courses – Course Search API

Student can register for courses – Course registration API

Student schedule visible – Calendar API

Professor schedule visible – Calendar API

Chat – Chat API

Admin can delete comments for course – Delete comment API

Profile picture upload – profile picture API

If student is able to login using facebook credential- OAuth API

If the professor can see the list of students enrolled in the particular course – Professor dashboard.

If user can update personal details – User profile

If the student can enrol in the courses with proper validation of the timings – Enrol course

Email receipt of payment confirmation- Payment API

1.5 Noted Omissions

NA

2. Test Cases

Step	Test Step	Test Data	Expected Result	Actual Result	Status
Successful registration	Home page available for user to fill in the details and sign up	Form available to fill in all the details for sign up	User can put in all the details in the form.	Details saved and activation link sent in email.	PASS
Activation link sent	Activation link available in the email id registered	Checking the registered email id for the activation link	Activation link sent in the registered email.	User registration successful. Login successful.	PASS
OTP verified, login successful	One time password sent in the mail verified	One time password sent in the email verified.	OTP sent in the email.	One time password verified. Login successful.	PASS
Course search	Courses can be searched for the	Courses searched on the basis of the name, id	In the search bar, all the courses searched and details displayed.	Course being searched for is available	PASS
Chat available, all users available online	The professor can see the students online	Successful login by professor and list of people online visible.	List of students available to chat visible	Chat option available with the list of students online	PASS
Comments for course available	Course comments and reviews are available	Successful login by the student and comments visible for the courses not enrolled for	Reviews and comments about the courses student is not enrolled for is visible.	Reviews and comments for the course visible.	PASS

Professor can see the schedule	The timings and schedule for the current semester visible.	Successful login by the professor and calendar available with the details of the classes	Calendar with the class schedule details available	Schedule available for the professor	PASS
Professor can see the list of students enrolled	Admin can view the list of the students enrolled	Successful login by admin and list of all the students visible	Option to view all the list of students enrolled.	All the students enrolled available	PASS
Admin can delete comments	Admin can delete course comments	Successful login by admin and be able to delete comments	Delete all the comments not needed for the course	Comments successfully deleted.	PASS
Admin can add new courses	Admin can add new courses for the semester	Successful login by admin and add new courses for semester	Add new courses to the existing semester	New course added to the current semester.	PASS
Admin can edit new courses	Admin can edit the details of the existing courses	Successful login by admin and edit the existing courses	Existing courses altered for the details requested.	Existing courses deleted.	PASS
Admin can add new professors	Admin can add new professors	Successful login by admin and			PASS
Admin can view list of all the professors	Admin can view the list of the professors enrolled	Successful login by admin and list of all the professors visible	Option to view all the list of professor teaching courses.	All the professors enrolled available	PASS
Admin can view all the students	Admin can view the list of the students enrolled	Successful login by admin and list of all the students visible	Option to view all the list of students enrolled.	All the students enrolled available	PASS
Professor can upload or change profile picture	The professor can upload the profile picture to his profile	Successful login by the professor and image of the personal profile can be updated	The personal profile has option to change the user photo	Profile picture for the professor updated	PASS
Professor can update the user profile details	Professor is able to update the personal information	Successful login by professor and details of personal profile can be updated.	The personal profile can be updated	The personal details of the professor updated.	PASS
Professor can chat with students online	The professor can see the students online	Successful login by professor and list of people online visible.	List of students available to chat visible	Chat option available with the list of students online	PASS
Professor can view grades of students	The grades of the students are visible for the professor	Successful login by professor and grades visible	Grades of the students visible to the professor	Grades visible for the students	PASS

Student can see the comments for courses which he/she has not taken	Display comments for courses he is searching	Successful login by student and reviews about course is available	Reviews seen for the courses he is searching and not enrolled.	Reviews visible.	PASS
Professor can change the theme of the dashboard	Display the option to change the theme	Successful login by professor and option to choose the desired theme	Theme option available to choose from.	Theme of the dashboard changed.	PASS
User profile	Display the user profile with details	Successful login by user and updating the details	Details successfully updated .	Details updated in the database	PASS
OAuth with Facebook	Alternate login of user by using facebook login credentials.	Login using correct facebook credentials.	Successful login using facebook.	User is able to successfully login using Facebook OAuth.	PASS
Professor can see students who are enrolled	Display list of students who have enrolled in subject taken by the professor.	Professors can use feature in their dashboard to see list of all enrolled students.	List of students displayed	Student list enrolled in the particular course displayed.	PASS
Validation of courses before enrolling	After student enters the courses in the cart, the timings are validated before enrolment	Trying to enrol to classes with same or clashing timings	Unable to enrol	The student is unable to enrol in the classes due to classed timings.	PASS

Revision History

NA