

IT350 : Software Engineering

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Assignment: Test Cases

Test	Test Description	Pre/Post Condition	Test Steps	Test Data	Expected Result	Actual Result	Test Result
Login	Checking login functionality for registered and unregistered users.		i ) Open web browser  ii) Enter the website URL  iii) Enter the username  iv) Enter the Password  v) Click Login button	i) Correct username Correct password  ii) Correct username Wrong password  iii) Wrong username Correct password  iv) Wrong username Wrong password	i) Should Login  ii) Should not Login  iii) Should not Login  iv) Should not Login	i) Logs in  ii) Doesn't Login  iii) Doesn't Login  iv) Doesn't Login	i) Pass  ii) Pass  iii) Pass  iv) Pass
Register	Checking Register functionality for new users.		i) Open web browser  ii) Enter the website URL	i) Username which does not already exist	i) Should successfully register.  ii) Should not	i) Successfully registers new user  ii)Does not	i) Pass  ii) Pass  iii) Pass

			iii) Click Register  iv) Fill in register form details.  v) Click Submit	ii) Username which already exists.  iii) Fields with data which are not valid.	register.  iii) Should not register and should be informed of the errors.	register new user.  iii) Doesn't register and user is notified of the invalid fields.	
Add Course	Checks if a student user can add a course from the list of courses.	Pre: i) Student must be logged in.	i) Login as student  ii) Open "Explore" tab and view courses.  iii) Click "Add course" button on an available course.	i) Student has already added the course before.  ii) Student does not have the course added.	i) The course should not be added, and student should be informed that they have already added the course.  ii) Course should be added to student's list.	i) Course is not added and the student is informed through a message.  ii) Course is added for the student, and they are informed.	i) Pass  ii) Pass
View Course	Checks the functionality of viewing the contents of a course.	Pre: i) Student/Instructor must be logged in.  ii) In case of a student, the	i) Login as student/instructor  ii) Open "My Courses" tab  iii) Click	i) Any user account and any course	i) The course and its contents should be displayed (Videos, description, etc) correctly.	i) The course content is displayed successfully.	i) Pass

		<p>student must have added the course.</p> <p>iii) In case of an instructor, they must have created the course.</p>	“View” button on the course.				
Remove Course	Checks whether a student can remove a course from his list.	<p>Pre:</p> <p>i) Student must be logged in</p> <p>ii) Student must have added the course to be removed.</p>	<p>i) Login as student</p> <p>ii) Add a course from “Explore” tab</p> <p>iii) Open “My Courses” tab</p> <p>iv) Click “Delete” button on the course to be removed.</p>	i) Any student user and any course	i) The course should be deleted from the student’s list and “My Courses” section.	i) Course is successfully removed from “My Courses”	i) Pass
Delete Course	Checks the functionality of an instructor deleting a course they have created.	<p>Pre:</p> <p>i) Instructor must be logged in</p> <p>ii) Instructor must have created the</p>	<p>i) Login as instructor</p> <p>ii) Go to “My Courses” tab.</p> <p>iii) Click “Delete”</p>	<p>i) No students with the course currently added.</p> <p>ii) Students</p>	<p>i) The course should be deleted for the instructor.</p> <p>ii) The course should be deleted for the</p>	<p>i) Course is successfully deleted.</p> <p>ii) Course is successfully deleted and is removed from</p>	<p>i) Pass</p> <p>ii) Pass</p>

		course.	button on the course to be deleted.	currently have the course added on their accounts.	instructor and should also be removed for students who have added it.	student's accounts who had it added.	
Create Course	Allow instructors to create new courses that students can view.	Pre: i) Instructor must be logged in  Post: i) Students can then add and view the course created.	i) Login as instructor  ii) Go to "Create Course" tab  iii) Fill form details and submit.	i) All input fields are valid.  ii) Input fields are invalid	i) The course should be created  ii) The course should not be created and the user is informed of the invalid fields.	i) Course is successfully created.  ii) Course is not created and user is informed of the wrong fields.	i) Pass  ii) Pass
Edit Course	Allow instructors to edit a course they have created before.	Pre: i) Instructor must be logged in  ii) Course must have been created.	i) Login as instructor  ii) Go to "My Courses" tab  iii) Click "Edit" button on the course  iii) Edit form details and submit.	i) Any instructor and any course	i) The changes to the course should be saved and updated.	i) The changes to the course are successfully saved and updated for all users.	i) Pass
Edit Profile	Allow users to	Pre:	i) Login as	i) Any user	i) The	i) The	i) Pass

	edit their profile information	i) User must be logged in.	<p>student/instructor</p> <p>ii) Go to “View Profile” tab</p> <p>iii) Click “Edit” button</p> <p>iv) Edit input fields and save.</p>		changes to the profile information should be saved and updated.	changes to the user’s profile information are saved and updated	
View Profile	Allow users to view their profile information	Pre: i) User must be logged in.	<p>i) Login as student/instructor</p> <p>ii) Go to “View Profile” tab</p>	i) Any user	i) The profile information should be displayed	i) The profile information is displayed.	i) Pass
Search Courses	Verify whether users can search for courses.	Pre: i) User must be logged in.	<p>i) Login as student</p> <p>ii) Search for keywords</p>	i) Any student user	i) The search results(list of courses) related to the search terms should be displayed.	i) The search result of courses is shown to the user.	i) Pass
Logout	Safely end a user session	Pre: i) User must be logged in	<p>i) Login as student/instructor</p> <p>ii) Click Logout button</p>	i) Any user account	i) Should Return to main login screen	i) Returns to main login screen	i) Pass

