

5.4 Test Cases

Login Page:

Test ID	Test Name	Test Description	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Valid Credentials	Verify user can login with valid credentials	1. Navigate to the login page. 2. Enter valid username and password. 3. Click on the login button.	Valid username and password	User should be logged in and directed to the dashboard.	User is logged in successfully.	Pass

2	Invalid Credentials	Ensure user cannot login with invalid credentials	1. Navigate to the login page. 2. Enter invalid username or password. 3. Click on the login button.	Invalid username or password	User should see an error message indicating invalid credentials.	Error message displayed for invalid credentials.	Pass
3	Empty Fields	Verify user cannot login with empty fields	1. Navigate to the login page. 2. Leave username or password field empty. 3. Click on the login button.	Empty username or password field	User should see a validation message to fill in all fields.	Validation message displayed for empty fields.	Pass

4	Forgot Password	Test the "Forgot Password" functionality	1. Navigate to the login page. 2. Click on the "Forgot Password" link.3. Enter the registered email address.4. Click on the submit button.	Registered email address	User should receive an email with password reset instructions.	Password reset email sent successfully.	Pass
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5	Remember Me	Verify "Remember Me" functionality	1. Navigate to the login page. 2. Check the "Remember Me" checkbox.3. Enter valid username and password. 4. Click on the login button.	Valid username and password	User's session should be remembered even after logging out.	User's session remembered after logging out.	P
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Registration Page:

Test ID	Test Name	Test Description	Test Steps	Test Data	Expected Result	Actual Result	Status
6	Valid Registration	Test user registration with valid details	1. Navigate to the registration page. 2. Enter all required fields with valid information. 3. Click on the submit button.	Valid user details (name, email, password)	User should be registered successfully and directed to the login page.	User registered successfully.	Pass
7	Existing Email	Ensure user cannot register with an existing email	1. Navigate to the registration page. 2. Enter an email address that is already registered. 3. Fill in other required fields. 4. Click on the submit button.	Existing email address	User should see an error message indicating the email is already in use.	Error message displayed for existing email.	Pass
8	Weak Password	Test registration with a weak password	1. Navigate to the registration page. 2. Enter a password that does not meet the minimum strength requirements. 3. Fill in other required fields. 4. Click on the submit button.	Weak password	User should see a validation message indicating the password strength requirement.	Validation message displayed for weak password.	Pass

9	Terms and Conditions	Ensure users agree to terms and conditions during registration	1. Navigate to the registration page. 2. Attempt to submit the registration form without accepting terms and conditions.	N/A	User should see a validation message to accept terms and conditions.	Validation message displayed for not accepting terms.	Pass
10	Captcha Verification	Verify Captcha functionality during registration	1. Navigate to the registration page. 2. Complete all required fields. 3. Enter the correct Captcha code. 4. Click on the submit button.	Correct Captcha code	User should be able to register only after entering the correct Captcha code.	Captcha verification passed.	Pass

user Course Details Page:

Test ID	Test Name	Test Description	Test Steps	Test Data	Expected Result	Actual Result	Status
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11	Create New Course	Test creation of a new course	1. Login as admin	Course details	New course created successfully	New course created successfully	Pass
12	View Course Details	Ensure course details are displayed correctly	1. Navigate to course details page	Course ID	Course details displayed correctly	Course details displayed correctly	Pass
13	Enroll User	Test enrolling a user to a course	1. Login as admin	user details	user enrolled successfully	user enrolled successfully	Pass
14	Edit Course Details	Test editing course details	1. Login as admin	Updated course details	Course details updated successfully	Course details updated successfully	Pass
15	Delete Course	Verify deletion of a course	1. Login as admin	Course ID	Course deleted successfully	Course deleted successfully	Pass

user Details:

Test ID	Test Name	Test Description	Test Steps	Test Data	Expected Result	Actual Result	Status
16	Mark Reporting	Verify marking functionality	1. Login as instructor/admin	user details	marked successfully	marked successfully	Pass
17	View Reporting	Ensure records are displayed	1. Navigate to page	Course ID/Date	records displayed correctly	records displayed correctly	Pass
18	Edit Course Details	Test editing course details	1. Login as admin	Updated course details	Course details updated successfully	Course details updated successfully	Pass
19	Delete Course	Verify deletion of a course	1. Login as admin	Course ID	Course deleted successfully	Course deleted successfully	Pass
20	Generate Report	Test generating report	1. Login as instructor/admin	Course ID/Date	report generated successfully	report generated successfully	Pass

user update profile:

Test ID	Test Name	Test Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TC001	Update Name	Verify that a user can update their name successfully.	1. Log in to the user management system. 2. Navigate to the profile settings. 3. Click on "Edit".	user ID: 1234 Current Name: John Doe New Name: Jane Doe	The User's name is successfully updated to "Jane Doe".	The User's name was successfully updated.	Pass

TC002	Update Email	Verify that a user can update their email successfully.	1. Log in to the user management system. 2. Navigate to the profile settings. 3. Click on "Edit".	user ID: 1234 Current Email: john@example.com New Email: jane@example.com	The User's email is successfully updated to "jane@example.com".	The User's email was successfully updated.	Pass
TC003	Update Contact Number	Verify that a user can update their contact number.	1. Log in to the user management system. 2. Navigate to the profile settings. 3. Click on "Edit".	user ID: 1234 Current Contact Number: +1234567890 New Contact Number: +1987654321	The User's contact number is successfully updated to "+1987654321".	The User's contact number was successfully updated.	Pass

TC004	Update Address	Verify that a user can update their address.	1. Log in to the user management system. 2. Navigate to the profile settings. 3. Click on "Edit".	user ID: 1234 Current Address: 123 Main St, City, Country New Address: 456 Oak Ave, Town, Country	The User's address is successfully updated to "456 Oak Ave, Town, Country".	The User's address was successfully updated.	Pass
TC005	Update Profile Picture	Verify that a user can update their profile picture.	1. Log in to the user management system. 2. Navigate to the profile settings. 3. Click on "Edit".	user ID: 1234 New Profile Picture: [image file]	The User's profile picture is successfully updated.	The User's profile picture was successfully updated.	Pass

TC006	Update Password	Verify that a user can update their password.	1. Log in to the user management system. 2. Navigate to the profile settings. 3. Click on "Edit".	user ID: 1234 Current Password: oldpassword New Password: newpassword123	The User's password is successfully updated to "newpassword123".	The User's password was successfully updated.	Pass
TC007	Attempt Empty Name Update	Verify that an error is displayed when the user attempts to update their name field with empty data.	1. Log in to the user management system. 2. Navigate to the profile settings. 3. Click on "Edit".	user ID: 1234 New Name: "" (empty)	System displays an error message indicating that the name field cannot be empty, and the profile remains unchanged.	An error message was displayed for empty name field.	Pass

user add menu:

Test ID	Test Name	Test Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TC001	Add menu	Verify that an administrator can add a new menu.	1. Log in to the user management system as an administrator. 2. Navigate to the menu management section. 3. Click on "Add menu".	Administrator ID: 1234 menu Name: Mathematics menu Code: MATH101	The menu "Mathematics" with code "MATH101" is successfully added to the system.	The menu "Mathematics" with code "MATH101" was successfully added.	Pass

TC002	Attempt Empty menu Name	Verify that an error is displayed when attempting to add a menu with an empty name.	1. Log in to the user management system as an administrator. 2. Navigate to the menu management section. 3. Click on "Add menu".	Administrator ID: 1234 menu Name: "" (empty) menu Code: PHY101	System displays an error message indicating that the menu name field cannot be empty, and the menu is not added.	An error message was displayed for empty menu name.	Pass
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user manage menu:

Test ID	Test Name	Test Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TC001	Add menu	Verify that an administrator can add a new menu.	1. Log in to the user management system as an administrator. 2. Navigate to the menu management section. 3. Click on "Add menu".	Administrator ID: 1234 menu Name: Mathematics menu Code: MATH101	The menu "Mathematics" with code "MATH101" is successfully added to the system.	The menu "Mathematics" with code "MATH101" was successfully added.	Pass

TC002	Update menu Name	Verify that an administrator can update the name of a menu.	1. Log in to the user management system as an administrator. 2. Navigate to the menu management section. 3. Select the menu to be updated. 4. Click on "Edit menu".	Administrator ID: 1234 menu ID: 101 New menu Name: Biology	The menu name is successfully updated to "Biology".	The menu name was successfully updated to "Biology".	Pass
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TC004	Delete menu	Verify that an administrator can delete a menu.	1. Log in to the user management system as an administrator. 2. Navigate to the menu management section. 3. Select the menu to be deleted. 4. Click on "Delete menu".	Administrator ID: 1234 menu ID: 101	The menu "Biology" is successfully deleted from the system.	The menu "Biology" was successfully deleted.	Pass
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