

Test Cases

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| Test Focus | Test Description | Pre and Post condition | Test Steps | Test Data | Expected Result | Actual Result | Test Result |
|---------------------------|---|---|---|---|--|--|--|
| Login as Admin | To test admin login functionality | X | 1.Open browser 2.Enter url 3.Enter admin username 4.Enter admin password | 1. Correct username correct password of admin 2. Correct username wrong password 3. Wrong username correct password 4. Wrong username wrong password 5. Empty username field non-empty password 6. Non-empty username field empty password | 1. Should login to admin home page. 2. Should not login 3. Should not login 4. Should not login 5. Should not login 6. Should not login | 1. Correct 2. Correct 3. Correct 4. Correct 5. Correct 6. Correct | 1. Pass 2. Pass 3. Pass 4. Pass 5. Pass 6. Pass |
| Add other admin | To test add admin functionality | The current admin account should already exist. | 1.Open browser 2.Login to the website using admin credentials. 3.Navigate to admins tab 4.Click on the create button. 5.Enter the credentials. 6.Click on create button. | 1.Entered Admin details. | 1.Stores admin details in the database. | 1.Correct | 1.Pass |
| Add Student by admin | To test add student functionality | X | 1.Open browser 2.Login to the website using admin credentials. 3.Navigate to students tab 4.Click on the create button. 5.Enter the student credentials. 6.Click on create button. | 1.Entered Student details. | 1.Stores student details in the database. | 1.Correct | 1.Pass |
| Add teacher | To test add teacher functionality | X | 1.Open browser 2.Login to the website using admin credentials. 3.Navigate to teacher tab 4.Click on the create button. 5.Enter the credentials. 6.Click on create button. | 1.Entered Teacher details. | 1.Stores teacher details in the database. | 1.Correct | 1.Pass |
| Add Course | To test add course functionality | X | 1.Open browser 2.Login to the website using admin credentials. 3.Navigate to course tab 4.Click on the create button. 5.Enter the course details. 6.Click on create button. | 1.Entered Course details. | 1.Stores course details in the database. | 1.Correct | 1.Pass |
| Add Announcement by admin | To test add announcements functionality | X | 1.Open browser 2.Login to the website using admin credentials. 3.Navigate to course tab | 1.Entered Announcement details. | 1.Stores announcement details in the database. | 1.Correct | 1.Pass |

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| | | | 4.Click on the create button. 5.Enter the announcements details. 6.Click on create button. | | | | |
| Edit Admin details by himself | To test the Edit Profile function. | The admin should already exist in the database. | 1.Open browser 2.Login to the website using admin credentials. 3.Navigate to profile(settings) tab. 4.Enter the credentials that you want to change. 6.Click on save changes button. | 1.Changed admin details. | 1.Updates the changed admin details in the database. | 1.Correct | 1.Pass |
| Login as Teacher | To test teacher login functionality | X | 1.Open browser 2.Enter url 3.Enter teacher username 4.Enter teacher password | 1. Correct username correct password of teacher 2. Correct username wrong password 3. Wrong username correct password 4. Wrong username wrong password 5. Empty username field non-empty password 6. Non-empty username field empty password | 1. Should login to teacher home page. 2. Should not login 3. Should not login 4. Should not login 5. Should not login 6. Should not login | 1. Correct 2. Correct 3. Correct 4. Correct 5. Correct 6. Correct | 1. Pass 2. Pass 3. Pass 4. Pass 5. Pass 6. Pass |
| Add Student by teacher to a course | To test add student to a course functionality | X | 1.Open browser 2.Login to the website using teacher credentials. 3.Navigate to the corresponding course tab 4.Enter the student ID. 6.Click on Add student button. | 1.Correct Student username. 2.Wrong Student username. | 1.adds student to the corresponding course in the database. 2.Does not add student to the corresponding course in the database. | 1.Correct 2.Correct | 1.Pass 2.Pass |
| Delete Student by teacher from a course | To test remove student from a course functionality | X | 1.Open browser 2.Login to the website using teacher credentials. 3.Navigate to the corresponding course tab 4.click on the X button corresponding to the student to be removed | 1.user data corresponding to the clicked X button.. | 1.deletes student from the corresponding course in the database. | 1.Correct | 1.Pass |
| Make Announcements | To test the make announcement functionality | X | 1.Open browser 2.Login to the website using teacher credentials. 3.Enter the announcement to be made in the subject text area. 4.Select the courses to which the announcement has to be made. 5.Click on the send button. | 1.Entered Announcement data | 1.The announcements will be stored in all the students collection corresponding to the selected course. | 1.Correct | 1.Pass |
| Edit Teacher details by the | To test the Edit Profile function. | The teacher account should | 1.Open browser 2.Login to the website using the corresponding teacher credentials. | 1.Changed teacher details. | 1.Updates the changed teacher details in the database. | 1.Correct | 1.Pass |

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| user(teacher) himself. | | already exist in the database. | 3.Navigate to profile(settings) tab. 4.Enter the credentials that you want to change. 6.Click on save changes button. | | | | |
| Login as Student | To test student login functionality | X | 1.Open browser 2.Enter url 3.Enter student username 4.Enter student password | 1. Correct username correct password 2. Correct username wrong password 3. Wrong username correct password 4. Wrong username wrong password 5. Empty username field non-empty password 6. Non-empty username field empty password | 1. Should login to admin home page. 2. Should not login 3. Should not login 4. Should not login 5. Should not login 6. Should not login | 1. Correct 2. Correct 3. Correct 4. Correct 5. Correct 6. Correct | 1. Pass 2. Pass 3. Pass 4. Pass 5. Pass 6. Pass |
| Edit Student details by the user(Student) himself. | To test the Edit Profile function. | The Student account should already exist in the database. | 1.Open browser 2.Login to the website using the corresponding student credentials. 3.Navigate to profile(settings) tab. 4.Enter the credentials that you want to change. 6.Click on save changes button. | 1.Changed Student details. | 1.Updates the changed student details in the database. | 1.Correct | 1.Pass |