|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test case no | Test focus | Test description | Pre and post conditions | test-steps | test -data | Expected results | Actual results | Test results |
| 1. | Check the validation and authenticity | Check response when valid username and password is entered | Signup | 1.open the elearning website  2.Go to the right side of the page  3Click on username  field  4.Enter the username  5.Click on the password input field  6.Enter the password  7.Click on the sign in button | Username and password | User should login into the website | User logins into the website | pass |
| 2. | Check the validation,security and authenticity | Check response when invalid username and password is entered | Signup | 1.open the elearning website  2.Go to the right side of the page  3Click on username  field  4.Enter the username  5.Click on the password input field  6.Enter the password  7.Click on the sign in button | Username and password | User should not be able to login into the website | User is not able to login to the website and message is displayed to enter the correct login credentials | pass |
| 3. | Check the accessibility | Check response when a valid student downloads course  materials | Login | 1.open the elearning website  2.login to the website using username and password  3.  Click on sign in button  4.Go to the right side of the page  5.Click on the myclass tab  6.Select a particular class  7.Go to the right side of the webpage  8.Click on the downloadable materials tab  9.Click on the checkbox of the materials to be downloaded  9.Click on the download button | Course and course material | Student should be able to download the materials | Student downloads the course materials. | PASS |
| 4. | Check the accessibility and assessment | Check the response when a valid student takes the quiz | Login  And course selection | 1.open the elearning website  2.login to the website using username and password  3.  Click on sign in button  4.Go to the right side of the page  5.Click on the myclass tab  6.Select a particular class  7.Go to the right side of the webpage  8.Click on the quiz tab  9.Select the particular quiz to attempted | Quiz details | Student should be able to take the quiz successfully | Students takes the quiz successfully | PASS |
| 5. | Check sorting functionality after add/edit/delete operations on any record by the admin | Check the response when we sort any field | Login  And data must be available | 1.open the elearning website  2.login to the website using username and password  3.  Click on sign in button  4.Go to the right side of the page  5.Click on the students tab  6.Go to the left side of the page  7.Click on the sort arrow of the field according to which the list need to be sorted | Data about that particular fields | Admin should be able to sort the field. | Admin is successfully able to sort that particular field of data | PASS |
| 6. | Check the insert functionality and scalability | Check the response when subjects are added by the admin | Login | 1.open the elearning website  2.login to the website using username and password  3.  Click on sign in button  4.Go to the right side of the page  5.Click on the subject tab  6.Click on Add subject button on the top of the webpage  7.Click on the subject code field  8.Enter the subject code  9.Click on the subject title field  10.Enter the subject title  11.Click on the No. of units  field  12.Enter the No. of units  13.Click on the dropdown button of semester field  14.Select the semester  15.Click on the  source button in  the toolbar of the editor  16.Click on the description field  17.Enter the description  18.Click on the save button | Subject details | Admin should be able to add the subjects | Admin successfully adds the subject | PASS |
| 7. | Check the admin functionality of deleting the Teacher | Check the response when admin deletes a particular Teacher from the list | Login | 1.open the elearning website  2.login to the website using username and password  3.  Click on sign in button  4.Go to the right side of the page  5.Click on the teachers tab  6.Click on the checkbox corresponding to the teacher to be removed  7.Select the delete button  8.Click on yes button on pop-up window | Details of the Teacher | Admin should be able to successfully remove the selected teacher from the List | Admin successfully removes the selected teacher from the list. | PASS |
| 8 | Check the functionality of teacher to communicate with students  . | Check the response when teacher send any message to the student | Login and student list | 1.open the elearning website  2.login to the website using username and password  3.  Click on sign in button  4.click on message tab on the left side of webpage.  5.click on the “for student” tab at the right side of the website  6.click on the drop down button  7.select the student from the dropdown list.  8.add the content to be sent.  9.click on the send button. | message | Teacher should successfully send the data to a particular student | Teacher successfully sends the message to the student. | PASS |
| 9 | Check the functionality of the teacher to notify students | Check the response when teacher adds a notification to the group of students under same class. | Login | 1.open the elearning website  2.login to the website using username and password  3.  Click on sign in button  4.go to the  left side of webpage.  5.click on the add announcement tab  6.click on source button on the toolbar  7.enter the contents of the notice.  8.go to the right side of the page  9.select the checkbox of the particular class  10.click on the post bottom | Notification content  Class and subject details | Teacher should be able to send notification to the selected class | Teacher successfully sends the notification to the selected class | pass |
| 10. | Check the admin functionality to access and search the courses available in the e-learning system | Check the response when admin searches for a particular course | Login and Course details | 1.open the elearning website  2.login to the website using username and password  3.  Click on sign in button  4.Go to the left side of the page  5.Click on the subject tab  6.Go to the rightmost side of the website  7.Click on the input field of the search bar  8.write a the name of the particular subject to be searched | Subject name | Admin should be able  to get the entered subject details | Admin successfully gets the list of the subject details according to the search keyword | PASS |