Chapter 3 | System Testing

Test Case1: **Lecturer registers to the system** (URS-1.1)

Description:

The test is a testing system from the user requirement number 1.1. Lecturer can register to the system by information of lecturer.

Prerequisites or Test Input:

The test data is the Lecturer information

Test Script

1. Lecturer click register
2. Lecturer type the information for register
3. Lecturer click submit

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test ID | Input | | | | | | | | Expect Output |
| Lec ID | Lec username | Lec password | Lec Name | Lec Faculty | Lec Department | Lec Email | Lectel |
| 1 | 123456 | chaichan | 1234 | chaichan | camt | se | Cs@gmail.com | 0822686387 | “Registration Successful” |
| 2 | abcd | Chaichan | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer ID must be the number only” |
| 3 | 123456 | Cs | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s username must be only 4-16 alphabet characters” |
| 4 | 123456 | Chaichan | 123 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s password must be only 4-16 characters |
| 5 | 123456 | Chaichan | 1234 | palm@c | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s name must be the combination of alphabet and space only” |
| 6 | 123456 | Chaichan | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | TH0822686387 | The system shall display “The Lecturer’s tel must be number only” |
| 7 | 123456 | Chaichan | 1234 | Chaichan | Camt | Se | [Csgmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s email must be the character and only one @ symbol |
| 8 | 123456 | chaichan | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system “Existing Lecturer’s username, please using different Lecturer’s username” |
| 9 | Null | chaichan | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer ID must be the number only” |
| 10 | 123456 | Null | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s username must be only 4-16 alphabet characters” |
| 11 | 123456 | Chaichan | Null | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s password must be only 4-16 characters |
| 12 | 123456 | Chaichan | 1234 | Null | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s name must be the combination of alphabet |
| 15 | 123456 | Chaichan | 1234 | Chaichan | Camt | Se | Null | 0822686387 | The system shall display “The Lecturer’s email must be the character and only one @ symbol |
| 16 | 123456 | chaichan | 1234 | chaichan | camt | se | Cs@gmail.com | Null | The system shall display “The Lecturer’s tel must be number only” |

Test Case2: **Student registers to the system** (URS-2.1)

Description:

The test is a testing system from the user requirement number 2.1. Student can register to the system by information of lecturer.

Prerequisites or Test Input:

The test data is the Student information

Test Script

1. Student click register
2. Student type the information for register
3. Student click submit

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test ID | Input | | | | | | | | Expect Output |
| LecID | Lec username | Lec password | Lec Name | Lec Faculty | Lec Department | Lec Email | Lectel |
| 1 | 123456 | chaichan | 1234 | chaichan | camt | se | Cs@gmail.com | 0822686387 | “Registration Successful” |
| 2 | abcd | Chaichan | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student ID must be the number only” |
| 3 | 123456 | Cs | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s username must be only 4-16 alphabet characters” |
| 4 | 123456 | Chaichan | 123 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s password must be only 4-16 characters |
| 5 | 123456 | Chaichan | 1234 | palm@c | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s name must be the combination of alphabet and space only” |
| 6 | 123456 | Chaichan | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | TH0822686387 | The system shall display “The Student’s tel must be number only” |
| 7 | 123456 | Chaichan | 1234 | Chaichan | Camt | Se | [Csgmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s email must be the character and only one @ symbol |
| 8 | 123456 | chaichan | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system “Existing Student’s username, please using different Student’s username” |
| 9 | Null | chaichan | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student ID must be the number only” |
| 10 | 123456 | Null | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s username must be only 4-16 alphabet characters” |
| 11 | 123456 | Chaichan | Null | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s password must be only 4-16 characters |
| 12 | 123456 | Chaichan | 1234 | Null | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s name must be the combination of alphabet |
| 15 | 123456 | Chaichan | 1234 | Chaichan | Camt | Se | Null | 0822686387 | The system shall display “The Student’s email must be the character and only one @ symbol |
| 16 | 123456 | chaichan | 1234 | chaichan | camt | se | Cs@gmail.com | Null | The system shall display “The Student’s tel must be number only” |

Test Case3: **Administrator can approve Lecturer or Student account.** (URS-3.1)

Description:

The test is a testing system from the user requirement number 3.1. Administrator can approve Lecturer or student.

Prerequisites or Test Input:

The test data is the Lecturer and Student account.

Test Script

1. Administrator type the username and pass word for login and then click login
2. Administrator click approve register

|  |  |  |
| --- | --- | --- |
| Test case ID | Description | output |
| 1 | Admin click approve | “approve ID Successful” |
| 2 | Admin click not | Go to next person |

Test Case4: **Lecturer can edit personal information** (URS-4.1)

Description:

The test is a testing system from the user requirement number 4.1. **Lecturer can edit personal information.**

Prerequisites or Test Input:

The test data is the Lecturer information

Test Script

1. Lecturer type username and password for login and then click login
2. Lecturer click Edit Information
3. Lecturer Edit Information
4. Lecturer click submit

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test ID |  | | Input | | | | | | | | Expect Output |
| LecID | Lec username | | Lec password | Confirm password | Lec Name | Lec Faculty | Lec Department | Lec Email | Lectel |
| 1 | 123456 | chaichan | | 1234 | 1234 | chaichan | camt | se | Cs@gmail.com | 0822686387 | “editing Successful” |
| 2 | abcd | Chaichan | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer ID must be the number only” |
| 3 | 123456 | Cs | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s username must be only 4-16 alphabet characters” |
| 4 | 123456 | Chaichan | | 123 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s password must be only 4-16 characters |
| 5 | 123456 | Chaichan | | 1234 | 1234 | palm@c | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s name must be the combination of alphabet and space only” |
| 6 | 123456 | Chaichan | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | TH0822686387 | The system shall display “The Lecturer’s tel must be number only” |
| 7 | 123456 | Chaichan | | 1234 | 1234 | Chaichan | Camt | Se | [Csgmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s email must be the character and only one @ symbol |
| 8 | 123456 | chaichan | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system “Existing Lecturer’s username, please using different Lecturer’s username” |
| 9 | Null | chaichan | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer ID must be the number only” |
| 10 | 123456 | Null | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s username must be only 4-16 alphabet characters” |
| 11 | 123456 | Chaichan | | Null | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s password must be only 4-16 characters |
| 12 | 123456 | Chaichan | | 1234 | 1234 | Null | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Lecturer’s name must be the combination of alphabet |
| 15 | 123456 | Chaichan | | 1234 | 1234 | Chaichan | Camt | Se | Null | 0822686387 | The system shall display “The Lecturer’s email must be the character and only one @ symbol |
| 16 | 123456 | chaichan | | 1234 | 1234 | chaichan | camt | se | Cs@gmail.com | Null | The system shall display “The Lecturer’s tel must be number only” |
| 17 | 123456 | chaichan | | 1234 | 1235 | chaichan | camt | se | Cs@gmail.com | 0822686387 | The system shall display “Password and confirm password is not matched” |

Test Case5: Student **can edit personal information** (URS-5.1)

Description:

The test is a testing system from the user requirement number 5.1. Student can edit personal information.

Prerequisites or Test Input:

The test data is the Student information

Test Script

1. Student type username and password for login and then click login
2. Student click Edit Information
3. Student Edit Information
4. Student click submit

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test ID |  | | Input | | | | | | | | Expect Output |
| StudentID | Student username | | Student password | Confirm password | Student Name | Student Faculty | Student Department | Student Email | Student tell |
| 1 | 123456 | chaichan | | 1234 | 1234 | chaichan | camt | se | Cs@gmail.com | 0822686387 | “Editing Successful” |
| 2 | abcd | Chaichan | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student ID must be the number only” |
| 3 | 123456 | Cs | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s username must be only 4-16 alphabet characters” |
| 4 | 123456 | Chaichan | | 123 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s password must be only 4-16 characters |
| 5 | 123456 | Chaichan | | 1234 | 1234 | palm@c | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s name must be the combination of alphabet and space only” |
| 6 | 123456 | Chaichan | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | TH0822686387 | The system shall display “The Student’s tel must be number only” |
| 7 | 123456 | Chaichan | | 1234 | 1234 | Chaichan | Camt | Se | [Csgmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s email must be the character and only one @ symbol |
| 8 | 123456 | chaichan | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system “Existing Student’s username, please using different Student’s username” |
| 9 | Null | chaichan | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student ID must be the number only” |
| 10 | 123456 | Null | | 1234 | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s username must be only 4-16 alphabet characters” |
| 11 | 123456 | Chaichan | | Null | 1234 | Chaichan | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s password must be only 4-16 characters |
| 12 | 123456 | Chaichan | | 1234 | 1234 | Null | Camt | Se | [Cs@gmail.com](mailto:Cs@gmail.com) | 0822686387 | The system shall display “The Student’s name must be the combination of alphabet |
| 15 | 123456 | Chaichan | | 1234 | 1234 | Chaichan | Camt | Se | Null | 0822686387 | The system shall display “The Student’s email must be the character and only one @ symbol |
| 16 | 123456 | chaichan | | 1234 | 1234 | chaichan | camt | se | Cs@gmail.com | Null | The system shall display “The Student’s tel must be number only” |
| 17 | 123456 | chaichan | | 1234 | 1235 | chaichan | camt | se | Cs@gmail.com | 0822686387 | The system shall display “Password and confirm password is not matched” |

Test Case 6: user can login (UC-6.1)

Description:

The test is a testing system from the use case number 6.1. **Lecturer can login via username and password**

Prerequisites or Test Input:

Username and password of user

Test Script

1. User click type Username and password and then click login

|  |  |  |  |
| --- | --- | --- | --- |
| Test case id | Input | | output |
| Username | password |
| 1 | Chaichan | 1234 | Go to lecturer main page |
| 2 | Aaasc | 54321 | System show error message “Invalid Username and/or Password” |

Test Case 7: user can logout (UC-7.1)

Description:

The test is a testing system from the user requirement number 7.1. **User can logout via username and password**

Prerequisites or Test Input:

User login status

Test script

1. User click Login button

|  |  |  |
| --- | --- | --- |
| Test case id | Input Description | Expect output |
| 1 | User click log out | Go to Login page |

Test Case 8: Administrator can create semester (URS-8.1)

Description:

The test is a testing system from the user requirement number 8.1. Administrator can create semester

Prerequisites or Test Input: Semester information

Test Script

1. Administrator login to system

2.click Semester management

3. click Create semester

|  |  |  |  |
| --- | --- | --- | --- |
| Test case | Input | | output |
| Name | description |  |
| 1 | Year 4 | 1/2557 | “Addition Semester Successful” message. |
| 2 |  | one | “Semester academic year must be S/YYYY form. Which S is a semester and YYYY is an academic year” |
| 3 |  |  | ” The semester and academic year that already exist please type the another semester or academic year” |

Test Case 9: Administrator can edit semester (URS-9.1)

Description:

The test is a testing system from the user requirement number 9.1. Administrator can edit semester

Prerequisites or Test Input: Semester information

Test Script

1. Administrator login to system

2. click Semester management

3. click Edit semester

4. Select semester for edit

|  |  |  |  |
| --- | --- | --- | --- |
| Test case | Input | | output |
| Name | description |  |
| 1 | Year 4 | 1/2557 | editting Semester Successful” message. |
| 2 |  | one | “Semester academic year must be S/YYYY form. Which S is a semester and YYYY is an academic year” |
| 3 | Year 4 | 1/2557 | ” The semester and academic year that already exist please type the another semester or academic year” |

Test Case 10: Administrator can delete semester (URS-10.1)

Description:

The test is a testing system from the user requirement number 10.1. Administrator can delete semester

Prerequisites or Test Input: Semester information

Test Script

1. Administrator login to system

2. click Semester management

3. click Edit semester

4. Select semester for Delete

|  |  |  |
| --- | --- | --- |
| Test case | Input description | output |
| 1 | Click “delete semester” | The system show “deleting Semester Successful” message. |

Test Case 11: Administrator can create course (URS-1.1)

Description:

The test is a testing system from the user requirement number 11.1. Administrator can create course

Prerequisites or Test Input :Course information

Test Script

1. Administrator login to system

2. Click Course management

3. Click Create Course

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case | Input | | | | output |
| Course name | Course credit | Course description | Lecturer Name |  |
| 1 | Se101 | 1 | Basic | chaichan | “Adding Course Successful” message. |
| 2 | Se101 | one | Basic | Chaichan | “The course credit must be number only” |

Test Case 12: Administrator can edit course (URS-12.1)

Description:

The test is a testing system from the user requirement number 12.1. Administrator can edit course

Prerequisites or Test Input : Course information

Test Script

1. Administrator login to system

2. Click Course management  
3.Click Edit Course  
4. Select Course for edit

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case | Input | | | | output |
| Course name | Course credit | Course description | Lecturer Name |  |
| 1 | Se101 | 1 | Basic | chaichan | “Editting Course Successful” message. |
| 2 | Se101 | one | Basic | Chaichan | “The course credit must be number only” |

Test Case 13: Administrator can delete course (URS-13.1)

Description:

The test is a testing system from the user requirement number 13.1. Administrator can edit course

Prerequisites or Test Input Course information

Test Script

1. Administrator login to system

2. Click Course management  
3.Click Edit Course  
4. Select Course for Delete

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test case | Input | | | | output |
| Course name | Course credit | Course description | Lecturer Name |  |
| 1 | Se101 | 1 | Basic | chaichan | “Deleting Course Successful” message. |

Test Case 14: Lecturer can view course (URS-14.1)

Description:

The test is a testing system from the user requirement number 14.1. Lecturer can view course

Prerequisites or Test Input : Course information

1. Lecturer login to system
2. Lecturer click view course
3. Lecturer select course for view

|  |  |  |
| --- | --- | --- |
| Test case | Input description | output |
| 1 | Click view course | The system show course information |

Test Case 15: Student can view course (URS-15.1)

Description:

The test is a testing system from the user requirement number 15.1. Student can view course

Prerequisites or Test Input : Course information

1. Student login to system
2. Student click view course
3. Student select course for view

|  |  |  |
| --- | --- | --- |
| Test case | Input description | output |
| 1 | Click view course | The system show course information |

Test Case 16: Lecturer can create quiz (URS-16.1)

Description:

The test is a testing system from the use case number 17.1. Lecturer can a create quiz

Prerequisites or Test Input:

Test script

1.Lecturer login to system

2.Lecturer click course management system

3.Lecturer click Quiz management system

4.Lecturer click Create Quiz

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test ID | Input | | | | | | | | | |  | Output |
| Test name | type of testing | amount of question | student name | the question status | Posting status | type of question | question description | choice description | Anwser | Question point |
| 1 | Lap test | assignment | 3 | 542115016 | Random | Availabble | Multiple choice | 1+1=? | A:1,B:2 | B | 1 | The system displays “Creating Quiz Successful” |
| 2 | Lap test | assignment | 3 | 542115016 | Random | Availabble | True/false question | 1+1=2 | A:True, B:False | A | 1 | The system displays “Creating Quiz Successful” |
| 3 | Lap test | assignment | 3 | 542115016 | Random | Availabble | Short Anwser | 1+1=? | null | null | 1 | The system displays “Creating Quiz Successful” |
| 4 | Lap test | assignment | three | 542115016 | Random | Availabble | Short Anwser | 1+1=? | null | null | 1 | The system displays “Question point must be number only” |
| 5 | Lap test | assignment | three | 542115016 | Random | Availabble | Short Anwser | 1+1=? | null | null | one | The system displays “Testing score must be number only” |
| 6 | Lap test | assignment | 3 | 542115016 | Random | Availabble | Multiple choice | 1+1=? | A:1,B:2 | 2 | 1 | The system displays “Answer must be a, b, c, and d only |
| 7 | Lap test | assignment | 3 | 542115016 | Random | Availabble | True/false question | 1+1=2 | A:True, B:False | C | 1 | The system displays “Answer must be a and b only” |

Test Case 17: Lecturer can edit quiz (URS17.1)

Description:

The test is a testing system from the use case number 17.1. Lecturer can edit quiz

Prerequisites or Test Input: test information

Test script

1.Lecturer login to system

2.Lecturer click course management system

3.Lecturer click Quiz management system

4.Lecturer click Edit Quiz

5.Lecturer select course to edit

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test ID | Input | | | | | | | | | |  | Output |
| Test name | type of testing | amount of question | student name | the question status | Posting status | type of question | question description | choice description | Anwser | Question point |
| 1 | Lap test | assignment | 3 | 542115016 | Random | Availabble | Multiple choice | 1+1=? | A:1,B:2 | B | 1 | The system displays “Editting Quiz Successful” |
| 2 | Lap test | assignment | 3 | 542115016 | Random | Availabble | True/false question | 1+1=2 | A:True, B:False | A | 1 | The system displays “Creating Quiz Successful” |
| 3 | Lap test | assignment | 3 | 542115016 | Random | Availabble | Short Anwser | 1+1=? | null | null | 1 | The system displays “Creating Quiz Successful” |
| 4 | Lap test | assignment | three | 542115016 | Random | Availabble | Short Anwser | 1+1=? | null | null | 1 | The system displays “Question point must be number only” |
| 5 | Lap test | assignment | three | 542115016 | Random | Availabble | Short Anwser | 1+1=? | null | null | one | The system displays “Testing score must be number only” |
| 6 | Lap test | assignment | 3 | 542115016 | Random | Availabble | Multiple choice | 1+1=? | A:1,B:2 | 2 | 1 | The system displays “Answer must be a, b, c, and d only |
| 7 | Lap test | assignment | 3 | 542115016 | Random | Availabble | True/false question | 1+1=2 | A:True, B:False | C | 1 | The system displays “Answer must be a and b only” |

Test Case 18: Lecturer can delete quiz (URS-18.1)

Description:

The test is a testing system from the use case number 18.1. Lecturer can delete quiz

Prerequisites or Test Input: test information

Test script

1.Lecturer login to system

2.Lecturer click course management system

3.Lecturer click Quiz management system

4.Lecturer click Delete QuiZ

|  |  |  |
| --- | --- | --- |
| Test ID | Input Description | Output |
| 1 | Click delete quiz | “Deleting Quiz Successful” |
| 2 | Cllick deleteAssignment | “Deleting Assignment Successful |

Test Case 19: Lecturer can mark point. (URS-19.1)

Description:

The test is a testing system from the use case number 19.1. Lecturer can mark point

Prerequisites or Test Input: test information

Test script

1.Lecturer login to system

2.Lecturer click course management system

3.Lecturer click Quiz management

4.Lecturer click Mark point for short answer

|  |  |  |
| --- | --- | --- |
| Test case | Input description | Output |
| 1 | 1 | The system displays “Marking point is successful” |
| 2 | one | The system show error message is “Point of student must be number only” |

Test Case 20: **Lecturer can review overall student’s answer in each choice of assignment or quiz in chart format** (UC-20.1)

Description:

The test is a testing system from the use case number 20.1. Lecturer can view student answer in chart format.

Prerequisites or Test Input :Student answer

Test script

1.Lecturer login to system

2.Lecturer click course management system

3.Lecturer click Quiz management

4.Lecturer click review Student’s answer

|  |  |  |
| --- | --- | --- |
| Test case | Input description | Output |
| 1 | Click view student answer | System display Student Answer in chart format |

Test Case 21: Lecturer can check time of submitted quiz. (UC-21.1)

Description:

The test is a testing system from the use case number 21.1. Lecturer can time of submitted quiz

Prerequisites or Test Input

Test script

1.Lecturer login to system

2.Lecturer click course management system

3.Lecturer click Quiz management

4.Lecturer click check time of submitted

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| --- | --- | --- |
| Test case | Input description | output |
| 1 | Click check time of submitted quiz | System display time of submitted quiz |

Test Case 22: Student can take quiz. (URS-22.1)

Description:

The test is a testing system from the use case number 22.1. student can take quiz

Prerequisites or Test Input :Quiz or assignment

Test Script

1.Student login to system

2.Student select course

3.Student click do Quiz

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| Test ID | Input | | Output |
| type of question | Answer |  |
| 1 | Multiple choice | B | The system redirect to next question |
| 2 | True/false question | A | The system redirect to next question |
| 3 | Short Anwser | two | The system redirect to next question |
| 6 | Multiple choice | 2 | The system displays “Answer must be a, b, c, and d only” |
| 7 | True/false question | C | The system displays “Answer must be a and b only” |