## **Testing**

## 1. Registration

### 1.1 Student Role

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-01-01 | | | |
| **Test Name** | Registration | | | |
| **Objective** | Ensure the SISTEN user registration is successful | | | |
| **Precondition** | User has never registered | | | |
| **Date** | 04 Juli 2021 23.40 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Christopher Alfred Hutabarat | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000  2.Click test start recording button  3.Click Login/Register  4.Type the first, middle, last name, username, email, study program, batch,  5.Click Login button study program, batch, reg. number (NIM/NIIDN), bank name, account number, phone number, password and password confirmation,  6.Click register button  7.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| Users registration successfully | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-01-01.1 | The following are pairs of element names and values:  "firrst name": "Merika",  "middle name": "H",  "last name": "Manurung",  "user name": "iss18041",  "email": "merikahmanurung@gmail.com",  "study program": ‘Information System",  "batch": "2018",  “reg number": "12S18041",  "account number": "1070015123458",  "phone number": "08126565900",  "password": "123456",  "password confirmation": "123456" | 1. Validation: “Registration success, please login” 2. Can login using the newly registered account 3. Log status: ‘TC-01-01.1’ completed successfully | 1. Validation: “Registration success, please login” 2. Can login using the newly registered account 3. Log status: ‘Registration’ completed successfully | [x] passed  [ ] failed | |
| TC-01-01.2 | The following are pairs of element names and values:  "firrst name": "Merika",  "middle name": "H",  "last name": "Manurung",  "user name": "iss18041",  "email": "merikahmanurung@gmail.com",  "study program": ‘Information System",  "batch": "2018",  “reg number": "12S18041",  "account number": "1070015123458",  "phone number": "08126565900",  "password": "123456",  "password confirmation": "123456" | 1. Validation: “Same data success, please login” 2. Registration failed | 1. Validation: “Same data success, please login” 2. Registration failed | [x] passed  [ ] failed | |
| TC-01-01.3 | The following are pairs of element names and values:  "firrst name": "Calvin",  "middle name": "A",  "last name": "Lumban Gaol",  "user name": "iss18063",  "email": " calvinalumbangaol@gmail.com",  "study program": ‘Information System",  "batch": "2018",  “reg number": "12S18063",  "account number": "1070015777458",  "phone number": "",  "password": "123456",  "password confirmation": "123456" | 1. Registration failed 2. Log status: ‘TC-01-01.3” completed successfully 3. Validation: “The phone number field is required.” | 1. Registration failed 2. Log status: ‘TC-01-01.3” completed successfully 3. Validation: “The phone number field is required.” | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

## 2. Login

### 2.1 Student Role

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-02-01 | | | |
| **Test Name** | Login Validation | | | |
| **Objective** | 1.Ensure registered users can log into SISTEN  2.Ensure the user is successfully logged in according to their role | | | |
| **Precondition** | User has been registered with the Student role | | | |
| **Date** | 05 Juli 2021 06.05 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Christopher Alfred Hutabarat | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/login  2.Click test start recording button  3.Type the username  4.Type the password  5.Click Login button  6.Click test stop recording button  7.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.Registered users can log in successfully  2.The Dashboard page is displayed according to their role | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-02-01.1 | The following are pairs of element names and values:  "username": "iss18068",  "password": "123456" | 1.The dashboard displayed  2.Log status: ‘login\_student’ completed successfully | 1.The dashboard displayed  2.Log status: ‘login\_student’ completed successfully | [x] passed  [ ] failed | |
| TC-02-01.2 | The following are pairs of element names and values:  "username": "iss18068",  "password": "12345" | 1.User failed to login  2.Log status: ‘login\_student’ completed successfully  3.Validation: “The username or password is incorrect” | 1.User failed to login  2.Log status: ‘login\_student’ completed successfully  3.Validation: “The username or password is incorrect” | [x] passed  [ ] failed | |
| TC-02-01.3 | The following are pairs of element names and values:  "username": "”  "password": "123456" | 1.User failed to login  2.Log status: ‘login\_student’ completed successfully  3.Validation: “The username field is required.” | 1.User failed to login  2.Log status: ‘login\_student’ completed successfully  3.Validation: “The username field is required.” | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 2.2 TA Role

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-02-02 | | | |
| **Test Name** | Login Validation | | | |
| **Objective** | 1.Ensure registered users can log into SISTEN  2.Ensure the user is successfully logged in according to their role | | | |
| **Precondition** | User has been registered with the TA role | | | |
| **Date** | 05 Juli 2021 05:15 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Christopher Alfred Hutabarat | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/login  2.Click test start recording button  3.Type the username  4.Type the password  5.Click Login button  6.Click test stop recording button  7.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.Registered users can log in successfully  2.The Dashboard page is displayed according to their role | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-02-02.1 | The following are pairs of element names and values:  "username": "iss18032",  "password": "123456" | 1.The dashboard displayed  2.Log status: ‘login\_ta’ completed successfully | 1.The dashboard displayed  2.Log status: ‘login\_ta’ completed successfully | [x] passed  [ ] failed | |
| TC-02-02.2 | The following are pairs of element names and values:  "username": "iss18032",  "password": "1234567" | 1.User failed to login  2.Log status: ‘login\_ta’ completed successfully  3.Validation: “The username or password is incorrect” | 1.User failed to login  2.Log status: ‘login\_ta’ completed successfully  3.No validation | [x] passed  [ ] failed | |
| TC-02-02.3 | The following are pairs of element names and values:  "username": "”  "password": "123456" | 1.User failed to login  2.Log status: ‘login\_ta’ completed successfully  3.Validation: “The username field is required.” | 1.User failed to login  2.Log status: ‘login\_ta’ completed successfully  3.Validation: “The username field is required.” | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 2.3 Lecturer Role

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-02-03 | | | |
| **Test Name** | Login Validation | | | |
| **Objective** | 1.Ensure registered users can log into SISTEN  2.Ensure the user is successfully logged in according to their role | | | |
| **Precondition** | User has been registered with the Lecturer role | | | |
| **Date** | 05 Juli 2021 05:30 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Christopher Alfred Hutabarat | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/login  2.Click test start recording button  3.Type the username  4.Type the password  5.Click Login button  6.Click test stop recording button  7.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.Registered users can log in successfully  2.The Dashboard page is displayed according to their role | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-02-03.1 | The following are pairs of element names and values:  "username": "iss18032",  "password": "123456" | 1.The dashboard displayed  2.Log status: ‘login\_lecturer’ completed successfully | 1.The dashboard displayed  2.Log status: ‘login\_slecturer’ completed successfully | [x] passed  [ ] failed | |
| TC-02-03.2 | The following are pairs of element names and values:  "username": "iss18032",  "password": "1234567" | 1.User failed to login  2.Log status: ‘login\_lecturer’ completed successfully  3.Validation: “The username or password is incorrect” | 1.User failed to login  2.Log status: ‘login\_lecturer’ completed successfully  3.No validation | [x] passed  [ ] failed | |
| TC-02-03.3 | The following are pairs of element names and values:  "username": "”  "password": "123456" | 1.User failed to login  2.Log status: ‘login\_lecturer’ completed successfully  3.Validation: “The username field is required.” | 1.User failed to login  2.Log status: ‘login\_lecturer’ completed successfully  3.Validation: “The username field is required.” | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 2.4 Admin Role

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-02-04 | | | |
| **Test Name** | Login Validation | | | |
| **Objective** | 1.Ensure registered users can log into SISTEN  2.Ensure the user is successfully logged in according to their role | | | |
| **Precondition** | User has been registered with the Admin role | | | |
| **Date** | 05 Juli 2021 05:45 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Christopher Alfred Hutabarat | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000  2.Click test start recording button  3.Type the username  4.Type the password  5.Click Login button  6.Click test stop recording button  7.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.Registered users can log in successfully  2.The Dashboard page is displayed according to their role | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-02-04.1 | The following are pairs of element names and values:  "username": "yoke",  "password": "123456" | 1.The dashboard displayed  2.Log status: ‘login\_admin’ completed successfully | 1.The dashboard displayed with List of List of Users page  2.Log status: ‘login\_admin’ completed successfully | [x] passed  [ ] failed | |
| TC-02-04.2 | The following are pairs of element names and values:  "username": "yoke",  "password": "1234567" | 1.User failed to login  2.Log status: ‘login\_admin’ completed successfully  3.Validation: “The username or password is incorrect” | 1.User failed to login  2.Log status: ‘login\_admin’ completed successfully  3.No validation | [x] passed  [ ] failed | |
| TC-02-04.3 | The following are pairs of element names and values:  "username": "”  "password": "123456" | 1.User failed to login  2.Log status: ‘login\_admin’ completed successfully  3.Validation: “The username field is required.” | 1.User failed to login  2.Log status: ‘login\_admin’ completed successfully  3.Validation: “The username field is required.” | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

## 3. Logout

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-03 | | | |
| **Test Name** | Logout | | | |
| **Objective** | 1.Ensure registered users can log to SISTEN  2.Ensure the user is successfully logged in according to their role | | | |
| **Precondition** | User has been registered and currently in the system | | | |
| **Date** | 21 May 2021 22:05 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Christopher Alfred Hutabarat | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: <http://127.0.0.1:8000/dashboard>  2.Click test start recording button  3.Klick avatar  5.Click Logout  6.Click test stop recording button  7.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.Registered users can log out successfully  2.The Login page is displayed again | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-03.1 | <http://127.0.0.1:8000/dashboard>  (Any existing URI can be accessed by the SISTENT user after a successful login  ) | 1.User logout successfully  2.Log status: ‘Logout completed successfully  3.The Login page is displayed again | 1.User logout successfully  2.Log status: ‘Logout completed successfully  3.The Login page is displayed again | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

## 4. Dashboard

### 4.1 Student Role

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-04-01 | | | |
| **Test Name** | Dashboard | | | |
| **Objective** | Ensure registered users can view the dashboard containing “Welcome to SISTEN”. | | | |
| **Precondition** | User has been login into SISTEN as a Student | | | |
| **Date** | 05 Juli 2021 06:00 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Christopher Alfred Hutabarat | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: <http://127.0.0.1:8000/dashboard>  2.Click test start recording button | | | | | |
| **Evaluation Criteria** | | | | | |
| Registered users can view the dashboard containing “Welcome to SISTEN”. | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-04-01.1 | <http://127.0.0.1:8000/dashboard> | “Welcome to SISTEN” displayed | “Welcome to SISTEN” displayed | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 4.2 TA Role

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-04-02 | | | |
| **Test Name** | Dashboard | | | |
| **Objective** | Ensure registered users can view the dashboard containing the Total Teaching Assistant and the Total Log Activity Report | | | |
| **Precondition** | User has been login into SISTEN as a TA | | | |
| **Date** | 05 Juli 2021 06:10 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Christopher Alfred Hutabarat | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: <http://127.0.0.1:8000/dashboard>  2.Click test start recording button | | | | | |
| **Evaluation Criteria** | | | | | |
| Registered users can view the dashboard containing the Total Teaching Assistant and the Total Log Activity Report. | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-04-02.1 | <http://127.0.0.1:8000/dashboard> | Total Teaching Assistant and the Total Log Activity Report are displayed | Total Teaching Assistant and the Total Log Activity Report are displayed | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 4.3 Lecturer Role

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-04-03 | | | |
| **Test Name** | Dashboard | | | |
| **Objective** | Ensure registered users can view the dashboard containing the Total Teaching Assistant and the Total Log Activity Report | | | |
| **Precondition** | User has been login into SISTEN as a Lecturer | | | |
| **Date** | 05 Juli 2021 06:15 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Christopher Alfred Hutabarat | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: <http://127.0.0.1:8000/dashboard>  2.Click test start recording button | | | | | |
| **Evaluation Criteria** | | | | | |
| Registered users can view the dashboard containing the Total Teaching Assistant and the Total Log Activity Report. | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-04-03.1 | <http://127.0.0.1:8000/dashboard> | Total Teaching Assistant and the Total Log Activity Report are displayed | Total Teaching Assistant and the Total Log Activity Report are displayed | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 4.4 Admin Role

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-04-04 | | | |
| **Test Name** | Dashboard | | | |
| **Objective** | Ensure registered users can view the dashboard containing the Total Teaching Assistant and the Total Log Activity Report | | | |
| **Precondition** | User has been login into SISTEN as a Admin | | | |
| **Date** | 05 Juli 2021 06:20 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Christopher Alfred Hutabarat | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: <http://127.0.0.1:8000/dashboard>  2.Click test start recording button | | | | | |
| **Evaluation Criteria** | | | | | |
| Registered users can view the dashboard containing the Total Teaching Assistant and the Total Log Activity Report. | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-04-04.1 | <http://127.0.0.1:8000/dashboard> | Total Teaching Assistant and the Total Log Activity Report are displayed | Total Teaching Assistant and the Total Log Activity Report are displayed | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

## **5. Course**

### 5.1 Student Role

#### 5.1.1 Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-05-01-01 | | | |
| **Test Name** | Displays unauthorized status | | | |
| **Objective** | Ensure unauthorized status is displayed | | | |
| **Precondition** | User has been login into SISTEN as a Student | | | |
| **Date** | 05 Juli 2021 06:25 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/courses  2.Click test start recording button | | | | | |
| **Evaluation Criteria** | | | | | |
| Uunauthorized status is displayed | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-05-01-01.1 | http://127.0.0.1:8000/courses | Validation: “403 | unauthorized action.” | Validation: “403 | unauthorized action.” | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 5.2 TA Role

#### 5.2.1 Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-05-02-01 | | | |
| **Test Name** | Displays unauthorized status | | | |
| **Objective** | Ensure unauthorized status is displayed | | | |
| **Precondition** | User has been login into SISTEN as a TA | | | |
| **Date** | 05 Juli 2021 06:30 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/courses  2.Click test start recording button | | | | | |
| **Evaluation Criteria** | | | | | |
| Uunauthorized status is displayed | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-05-02-01.1 | http://127.0.0.1:8000/courses | Validation: “403 | unauthorized action.” | Validation: “403 | unauthorized action.” | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 5.3 Lecturer Role

#### 5.3.1 Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-05-03-01 | | | |
| **Test Name** | Displays the Course page | | | |
| **Objective** | Ensure that the Course page is displayed on the Course menu at Lecturer Role | | | |
| **Precondition** | User has been login into SISTEN as a Lecturer | | | |
| **Date** | 05 Juli 2021 06:35 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/courses  2.Click test start recording button | | | | | |
| **Evaluation Criteria** | | | | | |
| The List of Course page is displayed | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-05-03-01.1 | http://127.0.0.1:8000/courses | 1. List of Course displayed  2. Action buttons is not visible except exports | 1. List of Course displayed  2. Action buttons is visible except exports | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 5.4 Admin Role

#### 5.4.1 Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-05-04-01 | | | |
| **Test Name** | Displays the Course page | | | |
| **Objective** | Ensure that the Course page is displayed on the Course menu at Admin Roles | | | |
| **Precondition** | User has been login into SISTEN as a Admin | | | |
| **Date** | 05 Juli 2021 06:40 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/dashboard  2.Click test start recording button  3.Click link Text=Course  4.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| The Course page is displayed | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-05-04-01.1 | http://127.0.0.1:8000/courses | 1. List of Course displayed  2. Log status: ‘index’ completed successfully  3. Action buttons is visible | 1. List of Course displayed  2. Log status: ‘index’ completed successfully  3. Action buttons is not visible | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

#### 5.4.2 Add

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test ID** | | TC-05-04-02 | | | |
| **Test Name** | | Add a new Course | | | |
| **Objective** | | Ensure that new Course can be added and each field in the add Course form is validated | | | |
| **Precondition** | | User has been login into SISTEN as a Admin | | | |
| **Date** | | 05 Juli 2021 06:45 WIB | | | |
| **Tester** | | Sarah H. M. Siahaan | | | |
| **Programmer** | | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/ courses  2.Click test start recording button  3.Click add button  4.Type the Course Code  5.Type the Course Initial  6.Type the Course Name  7.Select the Credit  8.Select the Course Owner  9.Click submit button  10.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.New Course is added if each field in the add course form is filled in properly  2.Validation appears when there are fields that are not filled in properly | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-05-04-02.1 | The following are pairs of element names and values:  "course\_code": "12S3203",  "course\_initial": "PSI",  "name": "Proyek Sistem Informasi",  "credit": "4",  “course\_owner\_id”: ”FITE-2019” | | 1.New Course added successfully  2. Log status: ‘add’ completed successfully  3.Validation:”Course successfully created.” | 1.New Course added successfully  2. Log status: ‘add’ completed successfully  3.Validation:”Course successfully created.” | [x] passed  [ ] failed |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

#### 5.4.3 Update

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-05-04-03 | | | |
| **Test Name** | Update an exist Course | | | |
| **Objective** | Ensure that Course can be updated and each field in the Couse form is validated | | | |
| **Precondition** | 1.User has been login into SISTEN as a Admin  2.User has been created a Course | | | |
| **Date** | 05 Juli 2021 07:00 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/courses  2.Click test start recording button  3.Click update button  4.Type the Course Code  5.Type the Course Initial  6.Type the Course Name  7.Select the Credit  8.Select the Course Owner  9.Click submit button  10.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.Course is updated if each field in the Form Course is filled in properly  2.Validation appears when there are fields that are not filled in properly | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-05-04-03.1 | The following are pairs of element names and values:  "course\_code": "12S3203",  "course\_initial": "PSI",  "name": "Proyek Sistem Informasi",  "credit": "3",  “course\_owner\_id”: ”FITE-2019” | 1.Couse updated successfully  2.Log status: ‘updated’ completed successfully  3.Validation:”Course successfully updated” | 1.Couse updated successfully  2.Log status: ‘updated’ completed successfully  3.Validation:”Course successfully updated” | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

#### 5.4.4 Delete

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-05-04-04 | | | |
| **Test Name** | Delete an exist Course | | | |
| **Objective** | Ensure that Course can be deleted | | | |
| **Precondition** | 1.User has been login into SISTEN as a Admin  2.User has been created a Course | | | |
| **Date** | 05 Juli 2021 07:10 WIB | | | |
| **Tester** | Sarah H.M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | |
| 1.Set the URI: http://127.0.0.1:8000/courses  2.Click test start recording button  3.Click delete button on the course column that want to delete  4.Click ok on cookies  5.Click test play button | | | | |
| **Evaluation Criteria** | | | | |
| Course is deleted | | | | |
| **Test Cases** | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-05-04-04.1 | http://127.0.0.1:8000/courses | 1.Course delete successfully  2.Log status: ‘delete” completed successfully  3.Course is removed from the database  4.Validation: “Course succesfully deleted” | 1.Course delete successfully  2.Log status: 'TC-05-04-04.1 - delete' ended with 1 error(s)  3.Course is removed from the database  4.Validation: “Course succesfully deleted” | [ ] passed  [x] failed |
| **Notes** | | | | |
| Double checked it and the second case still didn’t pass. | | | | |

#### 5.4.5 Search

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-05-04-05 | | | |
| **Test Name** | Search an exist Course | | | |
| **Objective** | Ensure the course that you are search is displayed | | | |
| **Precondition** | 1.User has been login into SISTEN as a Admin  2.User has been created the Course that you are search | | | |
| **Date** | 05 Juli 2021 07:17 WIB | | | |
| **Tester** | Sarah H.M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | |
| 1.Set the URI: http://127.0.0.1:8000/courses  2.Click test start recording button  3.Type courses that you are search  4.Click test play button | | | | |
| **Evaluation Criteria** | | | | |
| Courses is found | | | | |
| **Test Cases** | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-05-04-05.1 | Search for existing data courses:  “search”:”PRO”, | 1.Course search successfully  2.Log status: ‘search” completed successfully  3.Course that match the input searched are displayed | 1.Vacancy search successfully  2.Log status: ‘search” completed successfully  3.Course that match the input searched are displayed | [x ] passed  [ ] failed |
| TC-05-04-05.2 | Search for data courses that don't exist yet:  “search”:”ZA”, | 1.Course search successfully  2.Log status: ‘search” completed successfully  3.No matching records found | 1.Course search successfully  2.Log status: ‘search” completed successfully  3.No matching records found | [x ] passed  [ ] failed |
| **Notes** | | | | |
| Double checked it and the second case still didn’t pass. | | | | |

#### 5.4.6 Export PDF

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-05-04-06 | | | |
| **Test Name** | Export .pdf of an existing Courses | | | |
| **Objective** | Exporting courses data in pdf format | | | |
| **Precondition** | 1.User has been login into SISTEN as a Admin  2.User has been created a Courses | | | |
| **Date** | 05 Juli 2021 07:20 WIB | | | |
| **Tester** | Sarah H.M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | |
| 1.Set the URI: http://127.0.0.1:8000/courses  2.Click test start recording button  3.Click Export PDF button  4.Click test play button | | | | |
| **Evaluation Criteria** | | | | |
| Exporting courses data in pdf format | | | | |
| **Test Cases** | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-05-04-06.1 | http://127.0.0.1:8000/courses | 1.Export .pdf successfully  2.Log status: ‘export pdf” completed successfully | 1.Export .pdf successfully  2.Log status: ‘export pdf” completed successfully | [x] passed  [ ] failed |
| **Notes** | | | | |
| Double checked it and the second case still didn’t pass. | | | | |

#### 5.4.7 Export Excel

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-05-04-07 | | | |
| **Test Name** | Export .excel of an existing Courses | | | |
| **Objective** | Exporting courses data in excel format | | | |
| **Precondition** | 1.User has been login into SISTEN as a Admin  2.User has been created a Courses | | | |
| **Date** | 05 Juli 2021 07:27 WIB | | | |
| **Tester** | Sarah H.M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | |
| 1.Set the URI: http://127.0.0.1:8000/courses  2.Click test start recording button  3.Click Export Excel button  4.Click test play button | | | | |
| **Evaluation Criteria** | | | | |
| Exporting courses data in pdf format | | | | |
| **Test Cases** | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-05-04-07.1 | http://127.0.0.1:8000/courses | 1.Export .excel successfully  2.Log status: ‘export excel” completed successfully | 1.Export .pdf successfully  2.Log status: ‘export pdf” completed successfully | [x] passed  [ ] failed |
| **Notes** | | | | |
| Double checked it and the second case still didn’t pass. | | | | |

## 6. Schedule

### 6.1 Student Role

#### 6.1.1 Index

-

### 6.2 TA Role

#### 6.2.1 Index

### 6.3 Lecturer Role

#### 6.3.1 Index

-

### 6.4 Admin Role

#### 6.4.1 Index

#### 6.4.2 Add

#### 6.4.3 Update

#### 6.4.4 Delete

#### 6.4.5 Export PDF

#### 6.4.2 Export Excel

## 

## 7. Vacancy

### 7.1 Student Role

#### 7.1.1 Index

#### 7.1.2 Apply

#### 7.1.3 Detail

### 7.2 TA Role

#### 7.2.1 Index

#### 7.2.2 Apply

#### 7.2.3 Detail

### 7.3 Lecturer Role

#### 7.3.1 Index

#### 7.3.2 Approve

#### 7.3.3 Detail

### 7.4 Admin Role

#### 7.4.1 Index

## 8. User Management

### 8.1 Student Role

#### 8.1.1 Index

-

### 8.2 TA Role

#### 8.2.1 Index

-

### 8.3 Lecturer Role

#### 8.3.1 Index

-

### 8.4 Admin Role

#### 8.4.1 Index

#### 8.4.2 Search

#### 8.4.3 Update

## 9. Course Owner

### 9.1 Student Role

#### 9.1.1 Index

### 9.2 TA Role

#### 9.2.1 Index

### 9.3 Lecturer Role

#### 9.3.1 Index

### 9.4 Admin Role

#### 9.4.1 Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-09-05-01 | | | |
| **Test Name** | Displays the Course Owner page | | | |
| **Objective** | Ensure that the Course Owner page is displayed on the Course Owner menu at Admin Roles | | | |
| **Precondition** | User has been login into SISTEN as a Admin | | | |
| **Date** | 19 May 2021 12:11WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/dashboard  2.Click test start recording button  3.Click link Text=Course Owner  4.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| The Course Owner page is displayed | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-09-05-01.1 | http://127.0.0.1:8000/coursesowner |  |  |  | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

#### 9.4.2 Add

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test ID** | | TC-09-05-02 | | | |
| **Test Name** | | Add a new Course Owner | | | |
| **Objective** | | Ensure that new Course Owner can be added and each field in the add Course Owner form is validated | | | |
| **Precondition** | | User has been login into SISTEN as a Admin | | | |
| **Date** | | 19 May 2021 12:00 WIB | | | |
| **Tester** | | Sarah H. M. Siahaan | | | |
| **Programmer** | | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: <http://127.0.0.1:8000/courseowner>  2.Click test start recording button  3.Click add button  4.Type the Course Owner Name  5.Type the Course Owner Curriculum  6.Select the Course Owner Status  7.Select the Course Owner Level  8.Select the Course Owner  9.Type the Corse Owner Description  10.Click submit button  11.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.New Course Owner is added if each field in the add course owner form is filled in properly  2.Validation appears when there are fields that are not filled in properly | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-09-05-02.1 | The following are pairs of element names and values:  "name": "Bachelor of Information System",  "curriculum": "S1SI-2019",  "status": "active",  "level": "Study-Program",  “description”: ”xxx” | | 1.New Course Owner added successfully  2. Log status: ‘add’ completed successfully  3.Validation:”Course Owner successfully created.” | 1.New Course added successfully  2. Log status: ‘add’ completed successfully  3.Validation:”Course Owner successfully created.” | [x] passed  [ ] failed |
| TC-09-05-02.2 | The following are pairs of element names and values:  "name": "",  "curriculum": "S1SI-2019",  "status": "active",  "level": "Study-Program",  “description”: ”xxx” | | 1.New Vacancy added unsuccessfully  2.Validation: “The course the field is required” | 1.New Vacancy added unsuccessfully  2.Validation: “The course the field is required” | [x] passed  [ ] failed |
| TC-09-05-02.3 | The following are pairs of element names and values, and the course owner that is updated are existing:  "name": "Bachelor of Information System",  "curriculum": "S1SI-2019",  "status": "active",  "level": "Study-Program",  “description”: ”xxx” | | 1.New Course added unsuccessfully  2.Validation:” This course owner already exists.” | 1.New Course added successfully  2. Log status: ‘add’ completed successfully  3.Validation:”Course Owner successfully created.” | [ ] passed  [x] failed |
| TC-09-05-02.4 | The following are pairs of element names and values:  "name": "",  "curriculum": "",  "status": "",  "level": "",  “description”: ”” | | 1.New Vacancy added unsuccessfully  2. Log status: ‘add’ ended with 1 error(s) | 1.New Vacancy added unsuccessfully  2. Log status: ‘add’ ended with 1 error(s) | [x] passed  [ ] failed |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

#### 9.4.3 Update

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-09-05-03 | | | |
| **Test Name** | Update an exist Course Owner | | | |
| **Objective** | Ensure that Course Owner can be updated and each field in the Couse Owner form is validated | | | |
| **Precondition** | 1.User has been login into SISTEN as a Admin  2.User has been created a Course Owner | | | |
| **Date** | 19 May 2021 13:33 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: <http://127.0.0.1:8000/courseowner>  2.Click test start recording button  3.Click update button  4.Type the Course Owner Name  5.Type the Course Owner Curriculum  6.Select the Course Owner Status  7.Select the Course Owner Level  8.Select the Course Owner  9.Type the Corse Owner Description  10.Click submit button  11.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.Course Owner is updated if each field in the Course Owner Edit Form is filled in properly  2.Validation appears when there are fields that are not filled in properly | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-09-05-03.1 | The following are pairs of element names and values:  "name": "Bachelor of Information System",  "curriculum": "S1SI-2019",  "status": "inactive",  "level": "Study-Program",  “description”: ”xxx” | 1.Course Owner updated successfully  2.Log status: ‘updated’ completed successfully  3.Validation:”Course Owner successfully updated” | 1. Course Owner updated successfully  2. Log status: ‘updated’ completed successfully  3.Validation:”Course Owner successfully updated” | [x] passed  [ ] failed | |
| TC-09-05-03.2 | The following are pairs of element names and values:  "name": "",  "curriculum": "S1SI-2019",  "status": "active",  "level": "Study-Program",  “description”: ”xxx” | 1.Course Owner updated unsuccessfully  2.Log status: ‘updated’ ended with 1 error(s) | 1.Course Owner added unsuccessfully  2. Log status: ‘updated’ ended with 1 error(s) | [x] passed  [ ] failed | |
| TC-09-05-03.3 | The following are pairs of element names and values, and the course owner that is updated are existing:  "name": "Bachelor of Information System",  "curriculum": "S1SI-2019",  "status": "active",  "level": "Study-Program",  “description”: ”xxx” | 1. Course Owner updated successfully  2.Log status: ‘updated’ completed successfully  3.Validation:”Course Owner successfully updated” | 1.Course Owner updated successfully  2.Log status: ‘updated’ completed successfully  3.Validation:”Course Owner successfully updated | [x] passed  [ ] failed | |
| TC-09-05-03.4 | The following are pairs of element names and values:  "name": "",  "curriculum": "",  "status": "",  "level": "",  “description”: ”” | 1.Course Owner added unsuccessfully  2.Log status: ‘updated’ ended with 1 error(s) | 1.Course Owner added unsuccessfully  2. Log status: ‘updated’ ended with 1 error(s) | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

#### 9.4.4 Delete

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-09-05-04 | | | |
| **Test Name** | Delete an exist Course Owner | | | |
| **Objective** | Ensure that Course Owner can be deleted | | | |
| **Precondition** | 1.User has been login into SISTEN as a Admin  2.User has been created a Course Owner | | | |
| **Date** | 19 May 2021 12:40WIB | | | |
| **Tester** | Sarah H.M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | |
| 1.Set the URI: <http://127.0.0.1:8000/courseowner>  2.Click test start recording button  3.Click delete button on the course owner column that want to delete  4.Click ok on cookies  5.Click test play button | | | | |
| **Evaluation Criteria** | | | | |
| Course is deleted | | | | |
| **Test Cases** | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-09-05-04.1 | http://127.0.0.1:8000/courseowner | 1.Course Owner delete successfully  2.Log status: ‘delete” completed successfully  3.Validation: Course Owner successfully deleted.  4. Cookies: “Are you sure you want to delete this row?” | 1.Course Owner delete successfully  2.Log status: ‘Delete” ended with 1 error(s)  3.Validation: Course Owner successfully deleted.  4.No Cookies | [ ] passed  [x] failed |
| **Notes** | | | | |
| Double checked it and the second case still didn’t pass. | | | | |

#### 9.4.5 Search

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-08-05-05 | | | |
| **Test Name** | Search an exist Course Owner | | | |
| **Objective** | Ensure the course owner that you are search is displayed | | | |
| **Precondition** | 1.User has been login into SISTEN as a Admin  2.User has been created the Course Owner that you are search | | | |
| **Date** | 19 May 2021 13:28 WIB | | | |
| **Tester** | Sarah H.M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | |
| 1.Set the URI: <http://127.0.0.1:8000/courseowner>  2.Click test start recording button  3.Type courses that you are search  4.Click test play button | | | | |
| **Evaluation Criteria** | | | | |
| Courses is found | | | | |
| **Test Cases** | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-08-05-05.1 | Search for existing data courses:  “search”:”Bachelor” | 1.Course search successfully  2.Log status: ‘search” completed successfully  3.Course that match the input searched are displayed | 1.Vacancy search successfully  2.Log status: ‘search” completed successfully  3.Course that match the input searched are displayed | [x ] passed  [ ] failed |
| TC-08-05-05.2 | Search for data courses that don't exist yet:  “search”:”Diplomatic” | 1.Course search successfully  2.Log status: ‘search” completed successfully  3.No matching records found | 1.Course search successfully  2.Log status: ‘search” completed successfully  3.No matching records found | [x ] passed  [ ] failed |
| **Notes** | | | | |
| Double checked it and the second case still didn’t pass. | | | | |

## 10. Semester

### 10.1 Student Role

#### 10.1.1 Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-10-01-01 | | | |
| **Test Name** | Displays the Semester page | | | |
| **Objective** | Ensure that the Semester page is displayed on the Semester menu at Student Role | | | |
| **Precondition** | User has been login into SISTEN as a Student | | | |
| **Date** | 20 May 2021 15:36 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/semesters  2.Click test start recording button | | | | | |
| **Evaluation Criteria** | | | | | |
| The List of Semesters page is not displayed | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-10-01-01.1 | http://127.0.0.1:8000/semesters | Validation: “403 | unauthorized action.” | Validation: “403 | unauthorized action.” | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 10.2 TA Role

#### 10.2.1 Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-10-02-01 | | | |
| **Test Name** | Displays the Semester page | | | |
| **Objective** | Ensure that the Semester page is displayed on the Semester menu at TA Role | | | |
| **Precondition** | User has been login into SISTEN as a TA | | | |
| **Date** | 20 May 2021 15:40 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/semesters  2.Click test start recording button | | | | | |
| **Evaluation Criteria** | | | | | |
| The List of Semesters page is not displayed | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-10-02-01.1 | http://127.0.0.1:8000/semesters | Validation: “403 | unauthorized action.” | Validation: “403 | unauthorized action.” | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 10.3 Lecturer Role

#### 10.3.1 Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-10-03-01 | | | |
| **Test Name** | Displays the Semester page | | | |
| **Objective** | Ensure that the Semester page is displayed on the Semester menu at Lecturer Role | | | |
| **Precondition** | User has been login into SISTEN as a Lecturer | | | |
| **Date** | 20 May 2021 15:50 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/semesters  2.Click test start recording button | | | | | |
| **Evaluation Criteria** | | | | | |
| The List of Semesters page is not displayed | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-10-03-01.1 | http://127.0.0.1:8000/semesters | Validation: “403 | unauthorized action.” | 1. List of Semester displayed  2. Action buttons is visible | [ ] passed  [x] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

### 10.4 Admin Role

#### 10.4.1 Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-10-04-01 | | | |
| **Test Name** | Displays the Semester page | | | |
| **Objective** | Ensure that the Semester page is displayed on the Semester menu at Admin Role | | | |
| **Precondition** | User has been login into SISTEN as a Admin | | | |
| **Date** | 20 May 2021 16:00 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/semesters  2.Click test start recording button | | | | | |
| **Evaluation Criteria** | | | | | |
| The List of Semesters page is displayed | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-10-03-01.1 | http://127.0.0.1:8000/semesters | 1. List of Semester displayed  2. Action buttons is visible | 1. List of Semester displayed  2. Action buttons is visible | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

#### 10.4.2 Update

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-10-04-02 | | | |
| **Test Name** | Update an exist Semester | | | |
| **Objective** | Ensure that Semester can be updated and each field in the Semester form is validated | | | |
| **Precondition** | 1.User has been login into SISTEN as a Admin  2.User has been created a Semester | | | |
| **Date** | 20 May 2021 15:55 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/semesters  2.Click test start recording button  3.Click update button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.Semester is updated if each field in the Form Semester is filled in properly  2.Validation appears when there are fields that are not filled in properly | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-10-04-02.1 | http://127.0.0.1:8000/semesters | 1.Semester updated successfully  2.Log status: ‘updated’ completed successfully  3.Validation:”Semester successfully updated” | 1.Validation: “403 | unauthorized action.”  2.Log status: ‘updated’ completed successfully | [ ] passed  [x] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

#### 10.4.3 Delete

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-10-04-03 | | | |
| **Test Name** | Delete an exist Semester | | | |
| **Objective** | Ensure that Semester can be deleted | | | |
| **Precondition** | 1.User has been login into SISTEN as a Admin  2.User has been created a Semester | | | |
| **Date** | 20 May 2021 12:26 WIB | | | |
| **Tester** | Sarah H.M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | |
| 1.Set the URI: http://127.0.0.1:8000/semesters  2.Click test start recording button  3.Click delete button on the course column that want to delete  4.Click ok on cookies  5.Click test play button | | | | |
| **Evaluation Criteria** | | | | |
| Semester is deleted | | | | |
| **Test Cases** | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-05-04-04.1 | http://127.0.0.1:8000/semesters | 1.Semester delete successfully  2.Log status: ‘delete” completed successfully  3.Semester is removed from the database | 1.Validation: “403 | unauthorized action.”  2. Log status: ‘delete’ ended with 1 error(s) | [ ] passed  [x] failed |
| **Notes** | | | | |
| Double checked it and the second case still didn’t pass. | | | | |

#### 10.4.4 Search

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-10-04-04 | | | |
| **Test Name** | Search an exist Semester | | | |
| **Objective** | Ensure the semester that you are search is displayed | | | |
| **Precondition** | 1.User has been login into SISTEN as a Admin  2.User has been created the Semester that you are search | | | |
| **Date** | 20 May 2021 13:45 WIB | | | |
| **Tester** | Sarah H.M. Siahaan | | | |
| **Programmer** | Rifka Uli Siregar | | | |
| **Testing Scenario** | | | | |
| 1.Set the URI: http://127.0.0.1:8000/semesters  2.Click test start recording button  3.Type courses that you are search  4.Click test play button | | | | |
| **Evaluation Criteria** | | | | |
| Semester is found | | | | |
| **Test Cases** | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-10-04-04.1 | Search for existing data semesters:  “search”:”even”, | 1.Semester search successfully  2.Log status: ‘search” completed successfully  3.Semester that match the input searched are displayed | 1.Semester search successfully  2.Log status: ‘search” completed successfully  3.Semester that match the input searched are displayed | [x ] passed  [ ] failed |
| TC-10-04-04.2 | Search for data semesters that don't exist yet:  “search”:”mid”, | 1.Semester search successfully  2.Log status: ‘search” completed successfully  3.No matching records found | 1.Semester search successfully  2.Log status: ‘search” completed successfully  3.No matching records found | [x ] passed  [ ] failed |
| **Notes** | | | | |
| Double checked it and the second case still didn’t pass. | | | | |

## 11. Profile

### 11.1 Student Role

#### 11.1.1 Index

#### 11.1.2 Update

### 11.2 TA Role

#### 11.2.1 Index

#### 11.2.2 Update

### 11.3 Lecturer Role

#### 11.3.1 Index

#### 11.3.2 Update

### 11.4 Admin Role

#### 11.4.1 Index

#### 11.4.2 Update

## 12. Application Report

### 12.1 Student Role

#### 12.1.1 Index

-

### 12.2 TA Role

#### 12.2.1 Index

-

### 12.3 Lecturer Role

#### 12.3.1 Index

#### 12.3.2 Approve

#### 12.3.3 Detail

### 12.4 Admin Role

#### 12.1.1 Index

-

## 13. Log Activity

### 13.1 Student Role

#### 13.1.1 Index

-

### 13.2 TA Role

#### 13.2.1 Index

#### 13.2.2 Detail

#### 13.2.3 Read The Comments

### 13.3 Lecturer Role

#### 13.3.1 Index

#### 13.3.2 Detail

#### 13.3.3 Comments

### 13.4 Admin Role

#### 13.4.1 Index

#### 13.4.2 Detail

#### 13.4.3 Read The Comments

## 14. User Log Activity

### 14.1 Student Role

#### 14.1.1 Index

-

### 14.2 TA Role

#### 14.2.1 Index

-

### 14.3 Lecturer Role

#### 14.3.1 Index

-

### 14.4 Admin Role

#### 14.4.1 Index

#### 14.4.2 Delete

#### 14.4.3 Export PDF

#### 14.4.4 Export Excel

## 15. TA Report

### 15.1 Student Role

#### 15.1.1 Index

-

### 15.2 TA Role

#### 15.2.1 Index

#### 15.2.2 Add

### 15.3 Lecturer Role

#### 15.3.1 Index

-

### 15.4 Admin Role

#### 15.4.1 Index

## 16. Vacancy Management

### 16.1 Student Role

#### 16.1.1 Index

### 16.2 TA Role

#### 16.2.1 Index

### 16.3 Lecturer Role

#### 16.3.1 Index

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-LR-02-01 | | | |
| **Test Name** | Displays the Vacancies Management page | | | |
| **Objective** | Ensure that the Vacancies Management page is displayed on the Vacancies Management menu at Lecturer Roles | | | |
| **Precondition** | User has been login into SISTEN as a Lecturer | | | |
| **Date** | 12 May 2021 08:00 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Wiranda Siahaan | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/dashboard  2.Click test start recording button  3.Click link Text=Vacancy Management  4.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| The Vacancies Management page is displayed | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-LR-02-01.1 | http://127.0.0.1:8000/vacancymanagement | 1. Vacancies Management page displayed  2. Log status: ‘index’ completed successfully  3. Clickable action buttons | 1. Vacancies Management page displayed  2. Log status: ‘index’ completed successfully  3. Clickable action buttons | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

#### 16.3.2 Add

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test ID** | | TC-LR-02-02 | | | |
| **Test Name** | | Add a new Vacancy | | | |
| **Objective** | | Ensure that new Vacancy can be added and each field in the add Vacancy form is validated | | | |
| **Precondition** | | User has login into SISTEN as a Lecturer | | | |
| **Date** | | 12 May 2021 09:00 WIB | | | |
| **Tester** | | Sarah H. M. Siahaan | | | |
| **Programmer** | | Wiranda Siahaan | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/vacancymanagement  2.Click test start recording button  3.Click add button  4.Select the Course Code  5.Select the Semester  6.Type the Minimum Batch  7.Select the Deadline  8.Type the Teaching Duration  9.Select the Minimum Grade  10.Type the Seats  11.Type the Description  12.Click submit button  13.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.New Vacancy is added if each field in the add vacancies form is filled in properly  2.Validation appears when there are fields that are not filled in properly | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-LR-02-02.1 | The following are pairs of element names and values:  "course\_code": "MAS2001 - PROBSTAT - Probabilitas dan Statistika",  "semester": "odd",  "minimum\_batch": "2012",  "deadline": "31/05/2021",  "teaching\_duration": "6"  "minimum\_score": "A",  "seats": "5",  "Description": "let's become a lecturer assistant, share knowledge through additional classes in Pemrograman Berorientasi Objek subject, and of course get rewards in the form of salaries and official certificates from campus, terms and conditions apply, see job details, just fill in your score and motivation". | | 1.New Vacancy added successfully  2. Log status: ‘add’ completed successfully | 1.New Vacancy added successfully  2. Log status: ‘add’ completed successfully | [x] passed  [ ] failed |
| TC-LR-02-02.2 | The following are pairs of element names and values:  "course\_code": "",  "semester": "odd",  "minimum\_batch": "2012",  "deadline": "31/05/2021",  "teaching\_duration": "6"  "minimum\_score": "A",  "seats": "5",  "Description": "let's become a lecturer assistant, share knowledge through additional classes in Pemrograman Berorientasi Objek subject, and of course get rewards in the form of salaries and official certificates from campus, terms and conditions apply, see job details, just fill in your score and motivation". | | 1.New Vacancy added unsuccessfully  2. Log status: ‘add’ ended with 1 error(s) | 1.New Vacancy added unsuccessfully  2. Log status: ‘add’ ended with 1 error(s) | [x] passed  [ ] failed |
| TC-LR-02-02.3 | The following are pairs of element names and values:  "course\_code": "MAS2001 - PROBSTAT - Probabilitas dan Statistika",  "semester": "odd",  "minimum\_batch": "2012",  "deadline": "31/05/2021",  "teaching\_duration": "6"  "minimum\_score": "A",  "seats": "5",  "Description": "" | | 1.New Vacancy added successfully  2. Log status: ‘add’ completed successfully | 1.New Vacancy added successfully  2. Log status: ‘add’ completed successfully | [x] passed  [ ] failed |
| TC-LR-02-02.4 | The following are pairs of element names and values:  "course\_code": "",  "semester": "",  "minimum\_batch": "",  "deadline": "",  "teaching\_duration": ""  "minimum\_score": "",  "seats": "",  "Description": "", | | 1.New Vacancy added unsuccessfully  2. Log status: ‘add’ ended with 1 error(s) | 1.New Vacancy added unsuccessfully  2. Log status: ‘add’ ended with 1 error(s) | [x] passed  [ ] failed |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

#### 16.3.3 Update

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-LR-02-03 | | | |
| **Test Name** | Update an exist Vacancy | | | |
| **Objective** | Ensure that Vacancy can be updated and each field in the Vacancy form is validated | | | |
| **Precondition** | 1.User has login into SISTEN as a Lecturer  2.User has created a Vacancy | | | |
| **Date** | 12 May 2021 10:00 WIB | | | |
| **Tester** | Sarah H. M. Siahaan | | | |
| **Programmer** | Wiranda Siahaan | | | |
| **Testing Scenario** | | | | | |
| 1.Set the URI: http://127.0.0.1:8000/vacancymanagement  2.Click test start recording button  3.Click update button  4.Select the Course Code  5.Select the Semester  6.Type the Minimum Batch  7.Select the Deadline  8.Type the Teaching Duration  9.Select the Minimum Grade  10.Type the Seats  11.Type the Description  12.Click submit button  13.Click test play button | | | | | |
| **Evaluation Criteria** | | | | | |
| 1.Vacancy is updated if each field in the vacancies form is filled in properly  2.Validation appears when there are fields that are not filled in properly | | | | | |
| **Test Cases** | | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** | |
| TC-LR-02-03.1 | {  "semester": "even",  "minimum\_batch": "2019",  "deadline": "31/06/2021",  "teaching\_duration": "6"  "minimum\_score": "AB",  "seats": "4",  "Description": "let's become a lecturer assistant, share knowledge through additional classes in Pemrograman Berorientasi Objek subject, and of course get rewards in the form of salaries and official certificates from campus, terms and conditions apply, see job details, just fill in your score and motivation",  } | 1.Vacancy updated successfully  2.Log status: ‘update’ completed successfully | 1.Vacancy updated successfully  2. Log status: ‘update’ completed successfully | [x] passed  [ ] failed | |
| TC-LR-02-03.2 | {  "semester": "",  "minimum\_batch": "2019",  "deadline": "31/06/2021",  "teaching\_duration": "6"  "minimum\_score": "AB",  "seats": "4",  "Description": "let's become a lecturer assistant, share knowledge through additional classes in Pemrograman Berorientasi Objek subject, and of course get rewards in the form of salaries and official certificates from campus, terms and conditions apply, see job details, just fill in your score and motivation",  } | 1.Vacancy added unsuccessfully  2. Log status: ‘add’ ended with 1 error(s) | . 1.Vacancy added unsuccessfully  2. Log status: ‘add’ ended with 1 error(s) | [x] passed  [ ] failed | |
| TC-LR-02-03.3 | {  "semester": "even",  "minimum\_batch": "2019",  "deadline": "31/06/2021",  "teaching\_duration": "6"  "minimum\_score": "AB",  "seats": "4",  "",  } | 1.Vacancy updated successfully  2.Log status: ‘update’ completed successfully | 1.Vacancy updated successfully  2.Log status: ‘update’ completed successfully | [x] passed  [ ] failed | |
| TC-LR-02-03.4 | {  "semester": "",  "minimum\_batch": "",  "deadline": "",  "teaching\_duration": ""  "minimum\_score": "",  "seats": "",  "Description": "",  } | 1.Vacancy added unsuccessfully  2. Log status: ‘add’ ended with 1 error(s) | 1.Vacancy added unsuccessfully  2. Log status: ‘add’ ended with 1 error(s) | [x] passed  [ ] failed | |
| **Notes** | | | | | |
| Double checked it and the second case still didn’t pass. | | | | | |

#### 16.3.4 Delete

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-LR-02-04 | | | |
| **Test Name** | Delete an exist Vacancy | | | |
| **Objective** | Ensure that Vacancy can be deleted | | | |
| **Precondition** | 1.User has login into SISTEN as a Lecturer  2.User has created a Vacancy | | | |
| **Date** | 12 May 2021 10:20WIB | | | |
| **Tester** | Sarah H.M. Siahaan | | | |
| **Programmer** | Wiranda Siahaan | | | |
| **Testing Scenario** | | | | |
| 1.Set the URI: http://127.0.0.1:8000/vacancymanagement  2.Click test start recording button  3.Click delete button on the vacancy column that want to delete  4.Click ok on cookies  5.Click test play button | | | | |
| **Evaluation Criteria** | | | | |
| Vacancy is deleted | | | | |
| **Test Cases** | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-LR-02-04.1 | http://127.0.0.1:8000/vacancymanagement | 1.Vacancy delete successfully  2.Log status: ‘delete” completed successfully  3.Vacancy is removed from the database | 1.Vacancy delete unsuccessfully  2.Log status: ‘delete” ended with 1 error(s)  3.Vacancy was not removed from the database | [ ] passed  [x] failed |
| **Notes** | | | | |
| Double checked it and the second case still didn’t pass. | | | | |

#### 16.3.5 Search

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-LR-02-05 | | | |
| **Test Name** | Search an exist Vacancy | | | |
| **Objective** | Ensure the vacancy that you are search is displayed | | | |
| **Precondition** | 1.User has login into SISTEN as a Lecturer  2.User has created the Vacancy that you are search | | | |
| **Date** | 12 May 2021 10:35WIB | | | |
| **Tester** | Sarah H.M. Siahaan | | | |
| **Programmer** | Wiranda Siahaan | | | |
| **Testing Scenario** | | | | |
| 1.Set the URI: http://127.0.0.1:8000/vacancymanagement  2.Click test start recording button  3.Type vacancy that you are search  4.Click test play button | | | | |
| **Evaluation Criteria** | | | | |
| Vacancy is found | | | | |
| **Test Cases** | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-LR-02-04.1 | {  “search”:”PRO”,  } | 1.Vacancy search successfully  2.Log status: ‘search” completed successfully  3.Vacancies that match the input searched are displayed | 1.Vacancy search successfully  2.Log status: ‘search” completed successfully  3.Vacancies that match the input searched are displayed | [x ] passed  [ ] failed |
| TC-LR-02-04.2 | {  “search”:”ZA”,  } | 1.Vacancy search successfully  2.Log status: ‘search” completed successfully  3.No matching redords found | 1.Vacancy search successfully  2.Log status: ‘search” completed successfully  3.No matching redords found | [x ] passed  [ ] failed |
| **Notes** | | | | |
| Double checked it and the second case still didn’t pass. | | | | |

#### 16.3.6 Detail

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | TC-LR-02-04 | | | |
| **Test Name** | Read the detail of an exist Vacancy | | | |
| **Objective** | Ensure that Vacancy can be deleted | | | |
| **Precondition** | 1.User has login into SISTEN as a Lecturer  2.User has created a Vacancy | | | |
| **Date** | 13 May 2021 01:35WIB | | | |
| **Tester** | Sarah H.M. Siahaan | | | |
| **Programmer** | Wiranda Siahaan | | | |
| **Testing Scenario** | | | | |
| 1.Set the URI: http://127.0.0.1:8000/vacancymanagement  2.Click test start recording button  3.Click detail button on the vacancy column that want to read  4.Click test play button | | | | |
| **Evaluation Criteria** | | | | |
| The Vacancy detail is displayed | | | | |
| **Test Cases** | | | | |
| **ID** | **Input** | **Expected Behavior** | **Actual Behavior** | **Verdict** |
| TC-LR-02-04.1 | http://127.0.0.1:8000/vacancymanagement | 1.Vacancy detail successfully  2.Log status: ‘read the detail” completed successfully | 1.Vacancy detail successfully  2.Log status: ‘read the detail” completed successfully | [x] passed  [ ] failed |
| **Notes** | | | | |
| Double checked it and the second case still didn’t pass. | | | | |

### 16.4 Admin Role

#### 16.4.1 Index