**LinkedHU\_CENG**

**Test Case Definitions**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID:** 1 | | | | | | **Test Description:** User’s Registration | | | | | |
| **Test Name:** Sign Up | | | | | | **Test Designed by:** Uğur Can Kuşoğlu | | | | | |
| **Use Case Tested:**  OBMS-UC-001 | | | | | | **Test Designed Date:** 02/04/2022 | | | | | |
| **Test Priority (Low/Medium/High):** High | | | | | | **Test Executed by:** Uğur Can Kuşoğlu | | | | | |
| **Module Name:**  OBMS-TC-001 | | | | | | **Test Execution Date:** 06/04/2022 | | | | | |
|  | | | | | | | | | | | |
| **Pre-conditions:** 1) All personal data must be completed.  2) In the database, no account with the same details exists. | | | | | | | | | | | |
| **Dependencies:** Internet connection. | | | | | | | | | | | |
|  | | | | | | | | | | | |
| **Step** | **Test Steps** | | **Test Data** | | **Expected Results** | **Actual Results** | **Notes** | | **Status** | | |
| **P** | | **F** |
| **1** | All input fields are blank. | | - | | Take error. | Error message pop-up appears. | Message about filling all fields. | | x | |  |
| **2** | Any input field is empty. | | 1 | | Take error. | Error message pop-up appears. | Message about which place is empty. | | x | |  |
| **3** | Any input place(s) filled with wrong format(s). | | 2 | | Take error. | Error message pop-up appears. | Message about correcting format of related field. | | x | |  |
| **4** | Fill input fields with already registered account’s information. | | 3 | | Take error. | Error message pop-up appears. | Message about that user already exists. | | x | |  |
| **5** | Fill all input fields with correct information. | | 4 | | Goes to login screen. | Returns to login screen and successful pop-up appears. | Message about signed up successfully. | | x | |  |
| **Test Data Table** | | | | | | | | | | | |
|  | | **1** | | **2** | | **3** | | **4** | | **…** | |
|  | | Some input fields are empty. | | Some input fields are not in correct form. | | Already registered account’s information. | | Nonregistered and correct form information | |  | |
| **Post-conditions:** User successfully registered or gives error messages. | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID:** 2 | | | | | | **Test Description:** User’s login to system | | | | | |
| **Test Name:** Login | | | | | | **Test Designed by:** Mehmet Yıldız | | | | | |
| **Use Case Tested:** OBMS-UC-002 | | | | | | **Test Designed Date:** 02/04/2022**>** | | | | | |
| **Test Priority (Low/Medium/High):** High | | | | | | **Test Executed by:** Mehmet Yıldız | | | | | |
| **Module Name:** OBMS-TC-002 | | | | | | **Test Execution Date:** 06/04/2022 | | | | | |
|  | | | | | | | | | | | |
| **Pre-conditions:** User should be logged in. | | | | | | | | | | | |
| **Dependencies:** | | | | | | | | | | | |
|  | | | | | | | | | | | |
| **Step** | **Test Steps** | | **Test Data** | | **Expected Results** | **Actual Results** | **Notes** | | **Status** | | |
| **P** | | **F** |
| **1** | All input fields are blank. | | - | | Take error. | Error pop-up appears. | Message in pop-up is “You should fill the blanks” | | X | |  |
| **2** | Any field is empty | | 3 | | Take error. | Error pop-up appears. | Message about which place is empty. | | X | |  |
| **3** | Email is not in correct form. | | 2 | | Take error. | Error pop-up appears. | Message about email is not in correct form. | | X | |  |
| **4** | Password length less than 6 characters. | | 2 | | Take error. | Error pop-up appears. | Message about password is should be greater than 6 characters. | | X | |  |
| **5** | Wrong email. | | 1 | | Take error. | Error pop-up appears. | Message about email and password doesn’t match. | | X | |  |
| **6** | Wrong password. | | 1 | | Take error. | Error pop-up appears. | Message about email and password doesn’t match. | | X | |  |
| **7** | Blanks filled with correct forms and information. | | 4 | | Logins to system and go to main page | Successful pop-up appears. | Message about logging in successfully. | | X | |  |
| **Test Data Table** | | | | | | | | | | | |
|  | | **1** | | **2** | | **3** | | **4** | | **…** | |
|  | | Wrong email and password | | Email is not in correct form and password length less than 6 characters. | | Not Registered Account’s email and password. | | Registered Account’s email and password. | |  | |
| **Post-conditions:** Go to main page GUI or give error messages. | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID:**3 | | | | | | **Test Description:** User’s change of password | | | | | |
| **Test Name:** Forgot Password | | | | | | **Test Designed by:** Uğur Can Kuşoğlu | | | | | |
| **Use Case Tested:** OBMS-UC-003 | | | | | | **Test Designed Date:** 02/04/2022 | | | | | |
| **Test Priority (Low/Medium/High):** High | | | | | | **Test Executed by:** Uğur Can Kuşoğlu | | | | | |
| **Module Name:** OBMS-TC-003 | | | | | | **Test Execution Date:** 06/04/2022 | | | | | |
|  | | | | | | | | | | | |
| **Pre-conditions:** 1) User should be exists in database  2) User must authenticate him/herself with email. | | | | | | | | | | | |
| **Dependencies:** 1) Internet connection.  2) Valid Email. | | | | | | | | | | | |
|  | | | | | | | | | | | |
| **Step** | **Test Steps** | | **Test Data** | | **Expected Results** | **Actual Results** | **Notes** | | **Status** | | |
| **P** | | **F** |
| **1** | Email field is empty. | | 1 | | Take error. | Error message pop-up appears. | Message is about filling the email field. | | X | |  |
| **2** | Email field filled with not correct form. | | 2 | | Take error. | Error message pop-up appears. | Message is about filling the field with correct form. | | X | |  |
| **3** | Email field filled with wrong email. | | 3 | | Email is sent but password doesn’t change. | Email is sent and password change page doesn’t appear due to lack of authorization. | There is a time limit for link sent in email. After time limit exceeds, link which is sent to email is invalidated. | | X | |  |
| **4** | Email field filled with correct email. | | 4 | | Email is sent and password change page comes after clicking link in email. | Password change link is sent to email and clicked by user. | User can change her/his password after successful authentication. | | X | |  |
| **Test Data Table** | | | | | | | | | | | |
|  | | **1** | | **2** | | **3** | | **4** | | **…** | |
|  | | Input is empty. | | Field filled with wrong email format. | | Someone else’s email. | | Correct email. | |  | |
| **Post-conditions:** Change password page link is clicked in email or error message appears. | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID:** 4 | | | | | | **Test Description:** User’s logout to system | | | | | |
| **Test Name:** Logout | | | | | | **Test Designed by:** Meryem Ülkü Kara | | | | | |
| **Use Case Tested:** OBMS-UC-004 | | | | | | **Test Designed Date:** 02/04/2022 | | | | | |
| **Test Priority (Low/Medium/High):** High | | | | | | **Test Executed by:** Meryem Ülkü Kara | | | | | |
| **Module Name:** OBMS-TC-004 | | | | | | **Test Execution Date:** 06/04/2022 | | | | | |
|  | | | | | | | | | | | |
| **Pre-conditions:** User has logged in. | | | | | | | | | | | |
| **Dependencies:** | | | | | | | | | | | |
|  | | | | | | | | | | | |
| **Step** | **Test Steps** | | **Test Data** | | **Expected Results** | **Actual Results** | **Notes** | | **Status** | | |
| **P** | | **F** |
| **1** | Check response when Admin press on logout | | 1 | | Admin logged out successfully | Admin logout |  | | X | |  |
| **2** | Check response when student press on logout | | 2 | | Student logged out successfully | Student logout |  | | X | |  |
| **3** | Check response when academician press on logout | | 3 | | Academician logged out successfully | Academician logout |  | | X | |  |
| **4** | Check response when graduate press on logout | | 4 | | Admin logged out successfully | Graduate logout. |  | | X | |  |
| **Test Data Table** | | | | | | | | | | | |
|  | | **1** | | **2** | | **3** | | **4** | | **…** | |
|  | | Admin | | Student | | Academician | | Graduate | |  | |
| **Post-conditions:** User logged out. | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID:**5 | | | | | | **Test Description:** Edit profile information | | | | | |
|  | | | | | |  | | | | | |
| **Test Name:** Edit profile info | | | | | | **Test Designed by:** Mehmet Yıldız | | | | | |
| **Use Case Tested:** OBMS-UC-005 | | | | | | **Test Designed Date:** 06/04/2022 | | | | | |
| **Test Priority (Low/Medium/High):** Medium | | | | | | **Test Executed by:** Mehmet Yıldız | | | | | |
| **Module Name:**  OBMS-TC-005 | | | | | | **Test Execution Date:** 06/04/2022 | | | | | |
|  | | | | | | | | | | | |
| **Pre-conditions:** User must be logged in. | | | | | | | | | | | |
| **Dependencies:** Internet connection | | | | | | | | | | | |
|  | | | | | | | | | | | |
| **Step** | **Test Steps** | | **Test Data** | | **Expected Results** | **Actual Results** | **Notes** | | **Status** | | |
| **P** | | **F** |
| **1** | All fields are blank. | | - | | Take error. | Error message pop-up appears. | Message is about filling empty fields. | | X | |  |
| **2** | Some fields are not in correct form. | | 1 | | Take error. | Error message pop-up appears. | Message about correcting related fields. | | X | |  |
| **3** | Old Password field is filled with wrong old password. | | 3 | | Take error. | Error message pop-up appears. | Message about user’s password doesn’t match. | | X | |  |
| **4** | Old Password field is filled with less than 6 characters. | | 2 | | Take error. | Error message pop-up appears. | Message about related field is should be more than 6 characters. | | X | |  |
| **5** | New password field is filled with less than 6 characters. | | 2 | | Take error. | Error message pop-up appears. | Message about related field is should be more than 6 characters. | | X | |  |
| **6** | All fields are filled with correct information. | | 4 | | Password changes successfully. | Successful message pop-up appears. | Message appears as profile edited successfully. | | X | |  |
| **Test Data Table** | | | | | | | | | | | |
|  | | **1** | | **2** | | **3** | | **4** | | **…** | |
|  | | Fields filled with wrong format. | | Old and new password filled with less than 6 characters. | | Old password filled with wrong password. | | All fields are in correct form. | |  | |
| **Post-conditions:** User’s profile edited or gives error messages. | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID:**6 | | | | | | **Test Description:** Testing of deletion of a user account | | | | | |
| **Test Name:** Delete account test | | | | | | **Test Designed by:** Cavit Bora Öztekeşin | | | | | |
| **Use Case Tested:**  OBMS-UC-006 | | | | | | **Test Designed Date:** 02/05/2022 | | | | | |
| **Test Priority (Low/Medium/High):** Low | | | | | | **Test Executed by:** Cavit Bora Öztekeşin | | | | | |
| **Module Name:**  OBMS-TC-006 | | | | | | **Test Execution Date:** 11/05/20222 | | | | | |
|  | | | | | | | | | | | |
| **Pre-conditions: User account must exist.** | | | | | | | | | | | |
| **Dependencies: Internet connection** | | | | | | | | | | | |
|  | | | | | | | | | | | |
| **Step** | **Test Steps** | | **Test Data** | | **Expected Results** | **Actual Results** | **Notes** | | **Status** | | |
| **P** | | **F** |
| **1** | User ID field is blank. | | 1 | | Take error. | Error pop-up appears. | Message about User ID is not filled. | | X | |  |
| **2** | User doesn’t exist with searched ID | | 2 | | Take error. | Error pop-up appears. | Message about user does not exist with searched ID. | | X | |  |
| **3** | An existing User ID is written and tried . | | 3 | | Account with given user ID is deleted. | Account with given user ID is deleted and successful pop-up appears. | Message about user is succesfully deleted. | | X | |  |
| **Test Data Table** | | | | | | | | | | | |
|  | | **1** | | **2** | | **3** | | **4** | | **…** | |
|  | | User ID is empty. | | Non existing user account. | | Existing user account. | |  | |  | |
| **Post-conditions:** Give error message or deletion was successful message. | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID:**7 | | | | | | **Test Description:** Testing the correct uploading, editing and deletion of lectures, notes and videos | | | | | |
| **Test Name:** Upload Lecture Notes, Videos | | | | | | **Test Designed by:** Meryem Ülkü Kara | | | | | |
| **Use Case Tested:**  OBMS-UC-007 | | | | | | **Test Designed Date:** 02/05/2022 | | | | | |
| **Test Priority (Low/Medium/High):** High | | | | | | **Test Executed by:** Meryem Ülkü Kara | | | | | |
| **Module Name:**  OBMS-TC-007 | | | | | | **Test Execution Date:** 11/05/2022 | | | | | |
|  | | | | | | | | | | | |
| **Pre-conditions:** User is authorized | | | | | | | | | | | |
| **Dependencies:** 1) Internet connection | | | | | | | | | | | |
|  | | | | | | | | | | | |
| **Step** | **Test Steps** | | **Test Data** | | **Expected Results** | **Actual Results** | **Notes** | | **Status** | | |
| **P** | | **F** |
| **1** | Check response when administrator upload file button is clicked | | - | | Opening the file selection screen for uploading | File selection screen opened |  | | X | |  |
| **2** | Check response when graduate upload file button is clicked | | - | | Opening the file selection screen for uploading | File selection screen opened |  | | X | |  |
| **3** | Check response when academician select file and upload | | - | | Displaying the uploaded file | The uploaded file appears |  | | X | |  |
| **4** | No file selected to upload | | 1 | | Take error | Error pop-up  appears |  | | X | |  |
| **4** | Check response when graduate select file and upload | | - | | Displaying the uploaded file | The uploaded file appears |  | | X | |  |
| **5** | Check response when academician clicks edit file | | - | | Ability to view and change modifiable features | Changeable features can be seen and changed |  | | X | |  |
| **6** | Check response when graduate clicks edit file | | - | | Ability to view and change modifiable features | Changeable features can be seen and changed |  | | X | |  |
| **7** | Check response when academician press delete | | - | | Deleting the selected file | File deleted |  | | X | |  |
|  | Check response when academician press delete | | - | | Deleting the selected file | File deleted |  | | X | |  |
| **Test Data Table** | | | | | | | | | | | |
|  | | **1** | | **2** | | **3** | | **4** | | **…** | |
|  | | No file selected to upload | |  | |  | |  | |  | |
| **Post-conditions:** User’s uploading, editing and deleting lectures, notes and videos | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID:**8 | | | | | | **Test Description:** Testing of creation, deletion and editing of announcements**.** | | | | | |
| **Test Name:** Announcement Testing | | | | | | **Test Designed by:** Cavit Bora Öztekeşin | | | | | |
| **Use Case Tested:** OBMS-UC-008 | | | | | | **Test Designed Date:** 10/05/2022 | | | | | |
| **Test Priority (Low/Medium/High):** High | | | | | | **Test Executed by:** Cavit Bora Öztekeşin | | | | | |
| **Module Name:** OBMS-TC-008 | | | | | | **Test Execution Date:** 12/05/2022 | | | | | |
|  | | | | | | | | | | | |
| **Pre-conditions:** User is logged in and have option to make an announcement (a student that is not student representative cannot make announcement). | | | | | | | | | | | |
| **Dependencies:** Internet connection. | | | | | | | | | | | |
|  | | | | | | | | | | | |
| **Step** | **Test Steps** | | **Test Data** | | **Expected Results** | **Actual Results** | **Notes** | | **Status** | | |
| **P** | | **F** |
| **1** | Announcement is blank. | | 1 | | Take error. | Error pop-up appears. | Message about blank announcement can’t be published. | | X | |  |
| **2** | Announcement is too long. | | 2 | | Take error. | Error pop-up appears. | Message about word limit is crossed. | | X | |  |
| **3** | Announcement in correct form. | | - | | Announcement is published. | Announcement is published and successful pop-up appears. | Message about successful creation of announcement. | | X | |  |
| **4** | Announcement type changing. | | - | | Announcement type changed successfully. | Announcement type changed successfully and successful pop-up appears. | Message about successful changing of announcement type. | | X | |  |
| **5** | Announcement text changing to blank. | | 1 | | Take error. | Error pop-up appears. | Message about blank announcement can’t be published. | | X | |  |
| **6** | Announcement text changing to exceeding word limits. | | 2 | | Take error. | Error pop-up appears. | Message about word limit is crossed. | | X | |  |
| **7** | Announcement text changing within word limits and not blank. | | - | | Announcement type changed successfully. | Announcement type changed successfully and successful pop-up appears. | Message about successful editing of announcement text. | | X | |  |
| **8** | Announcement deletion. | | - | | Announcement deleted successfully. | Announcement deleted successfully and successful pop-up appears. | Message about successful deletion of announcement. | | X | |  |
| **Test Data Table** | | | | | | | | | | | |
|  | | **1** | | **2** | | **3** | | **4** | | **…** | |
|  | | Announcement is blank. | | Word limit is crossed. | |  | |  | |  | |
| **Post-conditions:** Give error message or successfully create/edit/delete announcement. | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID:**9 | | | | | | **Test Description:** Testing whether users are searched correctly | | | | | |
| **Test Name:** Search Users | | | | | | **Test Designed by:** Yusuf Sercan Tünk | | | | | |
| **Use Case Tested:** OBMS-UC-009 | | | | | | **Test Designed Date:** 02/05/2022 | | | | | |
| **Test Priority (Low/Medium/High):** Medium | | | | | | **Test Executed by:** Yusuf Sercan Tünk | | | | | |
| **Module Name:** OBMS-TC-009 | | | | | | **Test Execution Date:** 02/05/2022 | | | | | |
|  | | | | | | | | | | | |
| **Pre-conditions:** User is authorized | | | | | | | | | | | |
| **Dependencies:** 1) Internet connection | | | | | | | | | | | |
|  | | | | | | | | | | | |
| **Step** | **Test Steps** | | **Test Data** | | **Expected Results** | **Actual Results** | **Notes** | | **Status** | | |
| **P** | | **F** |
| **1** | Users searches for a user | |  | | Search results page loads successfully and finds user | User found |  | | X | |  |
| **2** | Users searches for nonuser | |  | | User not found | User not found |  | | X | |  |
| **3** | All fields are blank. | | - | | User not found | User not found |  | | X | |  |
| **Test Data Table** | | | | | | | | | | | |
|  | | **1** | | **2** | | **3** | | **4** | | **…** | |
|  | |  | |  | |  | |  | |  | |
| **Post-conditions:** User found | | | | | | | | | | | |