

LinkedHU_CENG	Version 1.0
System Test Case Definitions	Date: 12/05/2022

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.							

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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.

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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.							

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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.

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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.							

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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.							

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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	

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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	

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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