

ICES4HU	Version 1.0
System Test Case Definitions	Date: 03.04.2023

ICES4HU

Test Case Definitions

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1. Test Cases

Test Case: Login

Test Case ID: TC-1				Test Description: The user can sign in with their email and password			
Test Name: Login				Test Designed by: Şura Nur Ertürkmen			
Use Case Tested: UC-1				Test Designed Date:02.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by:			
Module Name:-				Test Execution Date:			
Pre-conditions:							
1. Student and department manager enrollment requests need to be approved by the admin. The instructor needs to be added by the admin.							
Dependencies:							
1. TC-8(Add Instructors) 2. TC-9(Register and send enrollment request) 3. TC-6(Approve/Reject enrollment request)							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	The user enters correct information.	1	The user signs in.				
2	The user enters an invalid email.	2	The user cannot sign in. The system gives a message about an invalid email.				
3	The user enters an email that exists in the system, but the password does not match the email.	3	The user cannot sign in. The system gives a message about the mismatched password and email.				
4	The user enters an email that is not approved yet		The user cannot sign in. The system gives a message about the not approved yet message.				
5	The user does not fill in the required information.		The user cannot sign in. The system gives a message about the				

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			missing information.				
6	The user enters an email that is not approved yet		The user cannot sign in. The system gives a message about the unapproved message.				

Test Data Table

	1	2	3	4	5	6
email	"b21946127@cs.hacettepe.edu.tr"	"b2194612@cs.hacettepe.edu.tr"	"b21946127@cs.hacettepe.edu.tr"	" suraerturkmen@gmail.com " this email will not approve yet	" suraerturkmen@gmail.com "	" suraerturkmen@gmail.com " this email will reject
password	"abcd123.."	"abcd123.."	"bca12." but the correct password for this email is; "abcd123.."	"abcd123.."	"empty password"	"abcd123.."

Post-conditions: The user signed in to the system

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Test Case: Delete a Question

Test Case ID: TC-5				Test Description: Test for delete a question from survey			
Test Name: Delete a question				Test Designed by: Selahattin Can Ölçer			
Use Case Tested: UC-5				Test Designed Date: 06/04/2023			
Test Priority (Low/Medium/High): Low				Test Executed by:			
Module Name:				Test Execution Date:			
Pre-conditions: 1. User logged as admin 1. There is at least one question in the system that the admin has permission to delete							
Dependencies: TC-14(Create Survey)							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Admin delete a question on a wasn't published survey	1,2	The question deleted on survey				
2	Admin delete a question on published survey	3,4	Ask a question before deleting the question 'Are you sure about deleting the question because this survey was published ?'				
Test Data Table							
	1	2	3	4	...		
Survey name	Course survey	Instructor survey	Course survey	Instructor survey			
Published or not	Not	Not	Published	Published			
Question	did you love the course?	did the instructor share the resources?	did you love the course?	did the instructor share the resources?			
Post-conditions: The question is not shown in the system anymore.							

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Test Case: Approve/Reject enrollment request

Test Case ID: TC-6				Test Description: Test reject and approve enrollment request by admin			
Use Case Tested: Approve/Reject enrollment request				Test Designed Date: 03.04.2023			
Test Priority (Low/Medium/High): High				Test Designed by: Şura Nur Ertürkmen			
Test Name: UC-6				Test Executed by:			
Module Name:				Test Execution Date:			
Pre-conditions:							
1. Students and department managers have to send enrollment requests.							
Dependencies:							
2. TC-9(enrollment)							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Accept the request	1,2	This user will enroll the system				
2	Reject the request	3,4	This user won't enroll the system				
Test Data Table							
	1	2	3	4	...		
User Type	Department Manager	Student	Department Manager	Student			
User Mail	aycaakyol@gmail.com	b21946127@cs.hacettepe.edu.tr	b21946127@cs.hacettepe.edu.tr	aycaakyol@gmail.com			
User Name	Ayca Akyol	Sura Nur Erturkmen	Sura Nur Erturkmen (actually a student)	Ayca Akyol (actually a Department Manager)			
Post-conditions:							

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Test Case: Admin Deletes Dismissed Students and Resigned Academicians

Test Case ID: TC-7				Test Description: Test for delete students and assistants			
Test Name: Admin Deletes Dismissed Students and Resigned Academicians				Test Designed by: Selahattin Can Ölçer			
Use Case Tested: UC-7				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High):				Test Executed by:			
Module Name:				Test Execution Date:			
Pre-conditions: 1. The user is logged in as an admin. 2. There are dismissed students and resigned academicians in the system.							
Dependencies:							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Delete an instructor who has not a course	1	The instructor is expected to be deleted				
2	Delete an instructor who has a course	2	The instructor you want to delete has been assigned to a course. Are you sure you want to delete it?				
Test Data Table							
	1	2	3	4	...		
Instructor	can olcer	Ayşe irem yalcin					
Instructor's course		BBM101					
Post-conditions: Student or academician is deleted from the system.							

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Test Case: Enroll with email and password

Test Case ID: TC-9				Test Description: User enrolls with email and password			
Test Name: Enroll with email and password				Test Designed by: Ayça Akyol			
Use Case Tested: UC-9				Test Designed Date: 03.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by:			
Module Name:				Test Execution Date:			
Pre-conditions:							
Dependencies:							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	The user enters correct email and acceptable password	1	The user has successfully enrolled.				
2	The user enters an invalid email.	2	The user is denied with an error that says “Invalid email”				
3	The user hasn’t entered all of their information		The user is denied with an error that says “Enter all information”				
Test Data Table							
	1	2	3	4	...		
email	“ aycaakyol3@gmail.com ” this email will be accepted	“ b2200356065@cs.hacettepe.edu.tr ” this email will be accepted	“aycamail.com” this email will be rejected	“ayca@gmail” this email will be rejected			
password	“a” this password will be rejected	“abc” this email will be rejected	“abc3.” this password will be rejected	“abc1234*” this password will be accepted			
name, surname	“” this name and surname will be rejected	“Ayça Akyol” this name and surname will be accepted					

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Test Case: Change Personal Information

Test Case ID: TC-11				Test Description: Actors can change personal informations			
Test Name: Change Personal Information				Test Designed by: Zübeyde Civelek			
Use Case Tested: UC-11				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Medium				Test Executed by:			
Module Name: Personal Information				Test Execution Date:			
Pre-conditions:							
The actor must be logged into their account.							
Dependencies:							
TC-1							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	The actor selects the information to change and enters the new valid information.	1	The information that the actor wants to change is changed and saved.			Pass	
2	The actor selects the information to replace and enters the new invalid information .	2	A warning is given that the information is invalid.			Pass	
Test Data Table							
	1	2	3	4			
Selected information	Name: Zübeyde Civelek	Name: Ayşe İrem Yalçın					
New information	Name: Ayça Akyol	Name: %&?*					
Post-conditions: The personal information of the actor is updated in the system.							

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Test Case: Send Requests for Re-Evaluation

Test Case ID: TC-15				Test Description: Instructors can send requests for re-evaluation			
Test Name: Send Requests for Re-Evaluation				Test Designed by: Zübeyde Civelek			
Use Case Tested: UC-15				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Medium				Test Executed by:			
Module Name: Re-evaluation				Test Execution Date:			
Pre-conditions:							
Instructor is logged into the system and the instructor has access to the course evaluation results.							
Dependencies:							
TC-1, TC-13, TC-17							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	The Instructor looks at the results, thinks it's unfair and sends a request.	1	Request reaches department head				
2	Instructor looks at results thinks it's normal	2	N/A				
...							
Test Data Table							
	1	2	3	4	...		
Survey results	“100 unsuccessful”	“20 successful, 65 okay, 15 unsuccessful”					
Post-conditions: The request for re-evaluation is sent to the Department Head.							

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Test Case: Assign Instructors to Courses

Test Case ID: TC-16				Test Description: Department Manager can assign instructors to specific courses.			
Test Name: Assign Instructors to Courses				Test Designed by: Ayşe İrem Yalçın			
Use Case Tested: UC-16				Test Designed Date: 03.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by:			
Module Name:				Test Execution Date:			
Pre-conditions:							
User must be enrolled in the system and log in to the system by entering his/her login id and password.							
Dependencies:							
TC-8							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	assigning an existing instructor to an existing course	1	the instructor is expected to be successfully assigned to the course				
2	assigning a non-existent instructor to an existing course	2	the system is expected to print the error message "there is no such an instructor"				
3	assigning an existing instructor to a non-existent course	3	the system is expected to print the error message "there is no such a course"				
4	assigning a non-existent instructor to a non-existent course	4	the system is expected to print the error message "there are no such an instructor and a course"				
Test Data Table							
	1	2	3	4			
Course Code	BBM382	BBM382	BBM850	BBM850			
Course Name	Software Engineering	Software Engineering	Wood Painting (there is no such a course)	Wood Painting (there is no such a course)			
Instructor Name	Ebru Gokalp	Sura nur Erturkmen (there is no such an instructor)	Ebru Gokalp	Sura nur Erturkmen (there is no such an instructor)			
Post-conditions: User can evaluate and share survey results							

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Test Case: Re-evaluation re-sends survey

Test Case ID: TC-18				Test Description: Re-evaluation request re-sends survey to students			
Test Name: Re-evaluation re-sends survey				Test Designed by: Ayça Akyol			
Use Case Tested: UC-18				Test Designed Date: 03.04.2023			
Test Priority (Low/Medium/High): Medium				Test Executed by:			
Module Name:				Test Execution Date:			
Pre-conditions:							
Dependencies:							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Department manager sees the result and decides there is need for re-evaluation	1	Survey is re-sent to the students.				
2	Department manager decides re-evaluation is not needed.	2	Survey is not re-sent to students.				
Test Data Table							
	1	2	3	4	...		
Survey results	“140 very unsuccessful” this survey result is re-evaluated	“10 very unsuccessful, 50 okay, 45 successful, 35 very successful” this result is not re-evaluated					
Post-conditions: The survey is either re-sent or accepted.							

2. Distributions of Tasks

Test Cases: All team members created test cases about which use cases they wrote and all team members checked others' test cases.