ICES4HU
Test Case Definitions

Test Case ID: 1	**Test Description:** Test for User Enroll
Test Name: System Enroll	**Test Designed by:** Hasan Malkoc
Use Case Tested : Enroll in the system	**Test Designed Date:** 02/04/2023
Test Priority (Low/Medium/High): High	**Test Executed by:**
Module Name: ICES4HU - User Module	**Test Execution Date:**

Pre-conditions: User was not enrolled into the system and received the first password from admin

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status P	F
1	User enters invalid email	1	Invalid email				
2	User enters wrong password	2	Incorrect password				
3	User did not fill required spaces	3	Validation error				
4	User enters all informations correct	4	Enrollment Successful				

Test Data Table

	1	2	3	4	
Name	Hasan	Tolga		Hasan	
Surname	Malkoc	Mahir	Porfirio	Malkoc	
Email	Hasanmalkoc.com	t.mahir@gmail.com	lennart@yahoo.com	Hasanmalkoc@gmail.com	
Password	asf1598	tYg5666	tuyC12	cMT799	

Post-conditions: User has an account on the system

ICES4HU	Version: 1
System Test Case Definitions	Date: 05/04/2023

Test Case ID: 2		Test Description: User logins to system	
Test Name: Login to System		**Test Designed by:** Hasan Malkoc	
Use Case Tested : Login to the system		**Test Designed Date: 02/04/2023**	
Test Priority (Low/Medium/High): High		**Test Executed by:**	
Module Name: ICES4HU - User Module		**Test Execution Date:**	
Pre-conditions: User has an account on the system			
Dependencies:			

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	User enters invalid email	1	Invalid email				
2	User enters wrong password	2	Incorrect password				
3	User did not fill required spaces	3	Validation error				
4	User has no account in the system	4	User not found				
5	User enters all informations correct	5	Login Successful				

Test Data Table

	1	2	3	4	5
Name	Hasan	Bahar		John	Karmen
Surname	Malkoc	Gezici	Porfirio	Doe	Diana
Email	Hasanmalkoc.com	Bahargeizici@gmail.com	lennart@yahoo.com	doe@stanford.com	diana06@gmail.com
Password	asf1598	tYg5666	cMT799	123456	123456

Post-conditions: User successfully logged into the system

ICES4HU	Version: 1
System Test Case Definitions	Date: 05/04/2023

Test Case ID: 3	**Test Description:** Admin adds user
Test Name: Add User	**Test Designed by:** Hasan Malkoc
Use Case Tested : Add User	**Test Designed Date:** 02/04/2023
Test Priority (Low/Medium/High): High	**Test Executed by:**
Module Name: ICES4HU - Admin Module	**Test Execution Date:**

Pre-conditions: User is an admin and successfully logged into the system
Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	**F**
1	Admin enters invalid name surname	1	Invalid name				
2	Admin enters invalid email	2	Invalid email				
3	Admin enters invalid department	3	Invalid department				
4	Admin did not fill required spaces	4	Validation error				
5	Admin enters all informations correct	5	Add User Successful				

Test Data Table					
	1	**2**	**3**	**4**	**5**
Name Surname	Züleyha Tu-a	Serhan Sevim	Ilgaz Sena	Alperen İzzet	Caner Bora
Email	zuleyha@hacettepe.edu.tr	ssevimgmail	sena@gmail.com	alperen@hacettepe.edu.tr	bora@gmail.com
Department	Literature	Electrical Engineering	Communication Design		Computer Science
User Type	Student	Instructor	Student	Department Manager	Student
Post-conditions: Admin successfully adds user into the system					

ICES4HU	Version: 1
System Test Case Definitions	Date: 05/04/2023

Test Case ID: 4	Test Description: Admin add course
Test Name: Add Course	Test Designed by: Hasan Malkoc
Use Case Tested : Add all course information	Test Designed Date: 02/04/2023
Test Priority (Low/Medium/High):	Test Executed by:
Module Name: ICES4HU - Admin Module	Test Execution Date:

Pre-conditions: User informations were filled
Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Admin enters invalid course code	1	Invalid Course Code				
2	Admin enters invalid course name	2	Invalid Course Name				
3	Admin Enters Invalid course credit	3	Invalid Course Credit				
4	Admin enters invalid department name	4	Invalid Department Name				
5	Admin did not fill required spaces	5	Validation error				
6	Admin enters all informations correct	6	Add Course Successful				

Test Data Table						
	1	2	3	4	5	6
Course Code	BBM?01	BBM101	BBM101	BBM101	BBM101	BBM101
Course Name	Introduction to programming	359765	Introduction to programming	Introduction to programming	Introduction to programming	Introduction to programming
Course Credit	6	6	7.98	6	6	6
Semestre	FALL 2021	FALL 2021	FALL 2021	FALL 2021		FALL 2021
Department	Computer Science	Computer Science	Computer Science	Communication Design	Computer Science	Computer Science
Elective	Yes	Yes	Yes	Yes	Yes	Yes
Post-conditions: Admin add course successfully						

ICES4HU	Version: 1
System Test Case Definitions	Date: 05/04/2023

Test Case ID: 5	Test Description: Edit profile information
Test Name: Edit Information	Test Designed by: Hasan Malkoc
Use Case Tested : Edit Profile/Manage Account information	Test Designed Date: 02/04/2023
Test Priority (Low/Medium/High): Medium	Test Executed by:
Module Name: ICES4HU - User Module	Test Execution Date:

Pre-conditions: User informations were filled

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	User enters invalid name and surname	1	Invalid name and surname				
2	User enters invalid phone number	2	Invalid phone number				
3	User enters invalid email	3	Invalid email				
4	User enters invalid department name	4	Invalid department name				
5	Admin did not fill required spaces	5	Validation error				
6	User enters all information correct	6	Edit User Successful				

Test Data Table						
	1	2	3	4	5	
Name Surname	Bu-lem İsa	Buse Adnan	Feridun Fikret	Eyüp Haluk	Nazım Enis	Hasan Malkoc
Phone Number	+905555 555555	555 55	+905555555555	+90555555 5555	+9055555 55555	+905555 555555
Email	bulem@g mail.com	buse@gmail. com	mailimferidun	ehaluk@g mail.com	nenis@gm ail.com	hmalkoc @gmail. com
Department Name	Compute r Science	Computer Science	Computer Science	<NonExisti ngDepartm ent>		Compute r Science
Post-conditions: User successfully edit their personal information						

ICES4HU	Version: 1
System Test Case Definitions	Date: 05/04/2023

Test Case ID: 6	**Test Description:** Instructor creates a survey by adding questions
Test Name: Create Course Survey	**Test Designed by:** Hasan Malkoc
Use Case Tested : Create surveys for course/instructor evaluation	**Test Designed Date:** 02/04/2023
Test Priority (Low/Medium/High): Medium	**Test Executed by:**
Module Name: ICES4HU - Instructor Module	**Test Execution Date:**
Pre-conditions: Instructors must have some course those assigned to them	
Dependencies:	

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	**F**
1	Instructor didn't add the question text	1	No Question Text				
2	Instructor didn't select a course	2	No Course Selected				
3	Instructor both selected course and filled question text	3	Add Question Successful				

Test Data Table					
	1	**2**	**3**	**4**	**5**
QuestionBar	<Empty>	What is…?	What is…?		
CourseComboBox	BBM101	<NotSelected>	BBM101		
Post-conditions: Instructor successfully creates the survey about course					

ICES4HU	Version: 1
System Test Case Definitions	Date: 05/04/2023

Test Case ID: 7				Test Description: Instructor creates a survey				
Test Name: Create Instructor Survey				Test Designed by: Hasan Malkoc				
Use Case Tested : Create surveys for course/instructor evaluation				Test Designed Date: 02/04/2023				
Test Priority (Low/Medium/High): Medium				Test Executed by:				
Module Name: ICES4HU - Instructor Module				Test Execution Date:				
Pre-conditions: Instructors must have some course those assigned to them								
Dependencies:								
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status		
						P		F
1	Instructor didn't add the question text	1	No Question Text					
2	Instructor filled question text	2	Add Question Successful					
Test Data Table								
	1		2		3	4		5
QuestionBar	<Empty>		What is…?					
Post-conditions: Instructor successfully creates the survey by themselves								

Test Case ID: 8	Test Description: Student rates question in survey
Test Name: Complete Survey	Test Designed by: Hasan Malkoc
Use Case Tested : Evaluate course/instructor through surveys	Test Designed Date: 02/04/2023
Test Priority (Low/Medium/High): Medium	Test Executed by:
Module Name: ICES4HU - Student Module	Test Execution Date:

Pre-conditions: User is enrolled to the system and a course
Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status P	F
1	Student didn't choose an instructor	1	Invalid Instructor				
2	Student didn't choose a course	2	Invalid Course				
3	Student didn't answer all questions	3	Unanswered Question				
4	Student completes survey correctly	4	Survey Completed				

Test Data Table				
	1	2	3	4
CourseCombo Box	<notSelected>	BBM101	BBM101	BBM101
InstructorComboBox	Bahar Gezici	<notSelected>	Bahar Gezici	Bahar Gezici
NumberOfQuestions	10	10	10	10
NumberOfAnswered	10	10	8	10

Post-conditions: Student completed survey successfully

Test Case ID: 9	Test Description: Instructor edits survey
Test Name: Edit Survey	Test Designed by: Hasan Malkoc
Use Case Tested : Edit Question	Test Designed Date: 02/04/2023
Test Priority (Low/Medium/High): Low	Test Executed by:
Module Name: ICES4HU - Instructor Module	Test Execution Date:

Pre-conditions: Instructors must have some surveys those associated with them
Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status P	Status F
1	Instructor didn't select a survey	1	Nothing happens				
2	Instructor didn't fill the question text while editing	2	Question Text is Empty				
3	Instructor both selected a survey and filled the question text	3	Survey Edit Successful				

Test Data Table					
	1	2	3	4	5
SurveyComboBox	<NotSelected>	SurveyId:101	SurveyId:101		
QuestionTextBox	What is..?	<Empty>	What is..?		

Post-conditions: Survey Edit Successful

ICES4HU	Version: 1
System Test Case Definitions	Date: 05/04/2023

Test Case ID: 10				Test Description: Instructor checks results of survey				
Test Name: Check Result Survey				Test Designed by: Hasan Malkoc				
Use Case Tested : Request re-evaluation, See/Download Evaluation results anonymously				Test Designed Date: 02/04/2023				
Test Priority (Low/Medium/High): Low				Test Executed by:				
Module Name: ICES4HU - Instructor				Test Execution Date:				
Pre-conditions: Instructor must have some survey in the system								
Dependencies:								
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status		
						P		F
1	Instructor didn't selected a survey	1	Nothing happens					
2	Instructor selected a survey	2	Questions and answers listed					
Test Data Table								
	1		2	3		4		5
SurveyCombo Box	<notSelected>		SurveyId: 101					
Post-conditions: Instructor can request re-evaluation or download results of the selected survey								

ICES4HU	Version: 1
System Test Case Definitions	Date: 05/04/2023

Test Case ID: 11			Test Description: Admin searches for users				
Test Name: Search User			Test Designed by: Hasan Malkoc				
Use Case Tested : Manage user			Test Designed Date: 02/04/2023				
Test Priority (Low/Medium/High): Low			Test Executed by:				
Module Name: ICES4HU - Admin Module			Test Execution Date:				
Pre-conditions: There has to be some users for stated search condition							
Dependencies:							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Admin didn't fill search bar	1	Nothing happens				
2	Admin enters non existing user information	2	No user found				
3	Admin search for correct	3,4	Returns users for stated search condition				
Test Data Table							
	1		2		3	4	
SearchBar	<Empty>		<NonExistingUser>		Hasan	2200356826	
Post-conditions: Returns with a list of users for stated search condition							

ICES4HU	Version: 1
System Test Case Definitions	Date: 05/04/2023

Test Case ID: 12	Test Description: Admin searches for courses
Test Name: Search Course	Test Designed by: Hasan Malkoc
Use Case Tested : Manage Course	Test Designed Date: 03/04/2023
Test Priority (Low/Medium/High): Low	Test Executed by:
Module Name: ICES4HU - Admin Module	Test Execution Date:

Pre-conditions: There has to be some courses for stated search condition
Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Admin didn't fill search bar	1	Nothing happens				
2	Admin enters non existing course information	2	No course found				
3	Admin search for correct	3,4	Returns courses for stated search condition				

Test Data Table				
	1	2	3	4
SearchBar	<Empty>	<NonExistingCourse>	BBM101	Introduction to Programming

Post-conditions: Returns with a list of courses for stated search condition

ICES4HU	Version: 1
System Test Case Definitions	Date: 05/04/2023

Test Case ID: 13		Test Description: Department Manager assigns Instructors to courses
Test Name: Assign Instructors		Test Designed by: Hasan Malkoc
Use Case Tested : Assign Instructors to courses		Test Designed Date: 02/04/2023
Test Priority (Low/Medium/High): Medium		Test Executed by:
Module Name: ICES4HU - Department Manager Module		Test Execution Date:

Pre-conditions: There has to be some instructor and course existed

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Department Manager didn't choose an Instructor	1	No Instructor Selected				
2	Department Manager didn't choose a Course	2	No Course Selected				
3	Department Manager selected both an Instructor and a course	3	Assign Successful				

Test Data Table						
	1	2	3			
InstructorComboBox	<notSelected>	Erkut Erdem	Erkut Erdem			
CourseComboBox	BBM101	<notSelected>	BBM101			

Post-conditions: Department Manager successfully assigns an instructor to a course

ICES4HU	Version: 1
System Test Case Definitions	Date: 05/04/2023

Test Case ID: 14	Test Description: Department Manager Access Surveys for re-evaluate request
Test Name: Access Surveys	Test Designed by: Hasan Malkoc
Use Case Tested : See evaluation results, re-evaluate results	Test Designed Date: 02/04/2023
Test Priority (Low/Medium/High): Medium	Test Executed by:
Module Name: ICES4HU - Department Manager Module	Test Execution Date:

Pre-conditions: There has to be some students and their surveys
Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status P	Status F
1	Department Manager didn't select a student	1	No Student Selected				
2	Department Manager didn't select a survey	2	No Survey Selected				
3	Department Manager selected both a survey and a student	3	List of questions and answers of student's survey				

Test Data Table					
	1	2	3	4	5
SurveyComboBox	SurveyId: 15	<NotSelected>	SurveyId: 15		
StudentComboBox	<Not Selected>	StudentId: 155	StudentId: 155		

Post-conditions: Department Manager views a list of questions and answers of a student's survey