

ICES4HU	Version <1.1.0>
System Test Case Definitions	Date: 02.06.2023

ICES4HU

Executed Test Cases for Final Product

Test Case ID: ICES4HU-TC-001				Test Description: Registering non-user to the system			
Test Name: Registering in the System				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-001				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: Actor has not registered to the system							
Dependencies:							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	All fields are entered correctly.	1, 5	Send an Enrolment Request to the Administrator	“Operation successful” alert appeared, user is directed to login page		X	
2	Registration Attempt Without Entering an Email Address	2	Missing email address warning expected.	“Please enter your email address” alert appeared		X	
3	Invalid Email Format Entered (only @hacettepe.edu.tr)	3	Forbidden email address format warning expected.	"Invalid Email Address" alert appears.		X	
4	Name/Surname Containing Characters Other Than [a-z /A-Z]	4	Forbidden symbols in Name/Surname warning expected.	"The name/surname entered is invalid." alert is displayed.		X	
5	Not Choosing Department	6	Missing department choice warning expected	“Please select a department” alert is displayed.		X	

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6	Already registered user which has not been registered in the system yet retries to register with accepted credentials	1	User signup request is processing warning is expected.	"Your request is already pending" alert is appeared.		X	
7	User with approved account retry registering with accepted credentials.	7	User has an account in the system warning is expected	"LoginID is already exists!" alert is appeared.		X	
Post-conditions: Actor is registered in the system							

Test Data Table					
	Name	Surname	E-mail	Department	Role
1	Doğa	Taşkın	dogataskin @hacettepe.edu.tr	Computer Engineering	Student
2	Kemal	Kahraman			Student
3	Ecem	Irmaksoy	ecemirmaksoy@gmail.com	Electrics and Electronics Engineering	Student
4	Mehmet!	Cengi5/	mc@cs.hacettepe.edu.tr	Mathematics	Department Manager
5	Ender	Sarıbay	endersaribay@hacettepe.edu.tr		Department Manager
6	Diren Boran	Sezen	direnboransezen@hacettepe.edu.tr	Computer Engineering	Student
7	Sevinç	Ekin	sevincekin@hacettepe.edu.tr	Computer Engineering	Student

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Test Case ID: ICES4HU-TC-002				Test Description: User with an account in the system joins to the system			
Test Name: Log in the system				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-002				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: User with an account in the system tries to reclaim their account							
Dependencies: ICES4HU-TC-001							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Entering Correct User ID and Password	1	Navigate to the main page.	Access to the system is successful, user is in main page		X	
2	Leaving the user ID field empty.	3	Access denied, empty username input warning expected	"Please enter your loginID!" alert message is displayed.		X	
3	Entering an invalid user id format.	4	Access denied, wrong credentials warning expected	"Invalid user id" alert message is displayed.		X	
4	Leaving the password field empty.	6	Access denied, empty password input warning expected	"Please enter your password" alert message is displayed.		X	
5	Entering a registered user id with an incorrect password.	2	Access denied, wrong credentials warning expected	"Incorrect loginID/password!" alert message is displayed.		X	
6	Attempting to login with an unregistered email address.	5	Access denied, wrong credentials warning expected	"Incorrect loginID/password!" alert message is displayed.		X	

Test Data Table

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Sample	User ID	Password	Role
1	dogataskin	(32x1-EgPHerb)	Student
2	ilyascicekli	wrongPassword	Department Manager
3	<EMPTY>	xMiao2:1/p(Student
4	ebrugokalp!	hr-0ZPL70y*(H6c.	Instructor
5	charliechaplin	password	<No Role>
6	berayakar	<EMPTY>	
Post-conditions: Actor is logged into the system			

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Test Case ID: ICES4HU-TC-003				Test Description: To verify that the user is able to reset their password by using the Forgot Password			
Test Name: Reset Password				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-003				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Low				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: User with an account in the system tries to reclaim their account. The user should be on the login screen.							
Dependencies: ICES4HU-TC-001, ICES4HU-TC-002							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the Forgot Password hyperlink.	1, 2, 3, 4	Navigate to the password reset page through the email.	User is directed to page with username input box		X	
2	Enter username and click on reset password	1, 2, 3, 4	A verification security code is sent to the email.	An email containing security code is sent to the mail address the user has registered into the system with	If the person does not have an account and enters username does not exist or other users valid username, same operations are processed for security purposes	X	

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3	Security code box is left empty, click "Send New Password" button.	3	Missing security code warning is expected	User is directed to login page with backend response "The code does not match"		X	
4	Security code box filled with wrong code, click "Send New Password" button.	2	Wrong security code warning is expected	User is directed to login page with backend response "This code does not match!"		X	
5	Security code box filled with correct code, click "Send New Password" button.	1	An mail with new password is expected to sent to the owner of provided username	User is directed to login page, while receiving new mail containing new password		X	
6	Go to the login screen. Log in with the new password.	1	The user logs into the system and goes to the main page.	User has successfully changed their password			

Post-conditions:

Accessing to the system with new password

Test Data Table			
Sample	User ID	Password	Security Code
1	dogataskin	(32x1-EgPHerb)	Correct code (7_qMC_30pPf)
2	dogataskin	(32x1-EgPHerb)	Wrong code (adnn111)
3	dogataskin	(32x1-EgPHerb)	<empty>
4	stranger	<empty>	<unobtainable>

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Test Case ID: ICES4HU-TC-004				Test Description: Admin modifies the course information after the course is created in the system.			
Test Name: Edit Course Information				Test Designed by: Ekin Doğa Taşkın			
Use Case Tested: ICES4HU-UC-027				Test Designed Date: 01.06.2023			
Test Priority (Low/Medium/High): Low				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: User is logged in and currently in the “Courses” page with previously created courses.							
Dependencies: TC-024							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	In “Courses” page, from presented courses list, click on “Edit Course” button.	1, 2	User expected to be directed to the edit course section.	“Edit Course” popup is opened with “Course Name” and “Credit” boxes		X	
2	Change the credentials, click “Submit”	1	Change in name and credits is expected.	“Operation successful!” alert is appeared. User is redirected to course page with updated course		X	
3	Change the credentials with empty course name, click on “Submit”	2	Course name cannot be empty warning is expected.	“Course name cannot be empty!” alert is appeared, and the user is redirected to the Courses page		X	

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4	Change the credentials with empty credit, click on "Submit"	3	Course credit is expected to be "0".	"Operation successful!" alert is appeared. User is redirected to course page with updated course		X	
5	Change the credential with negative credit	4	Wrong credit format warning is expected	"Credit cannot be negative!" alert is appeared. User is redirected to the course page.		X	

Post-conditions: User has modified course name / credits to fix disinformation.

Sample	Selected Course Properties			Planned Changes	
	Code	Name	Credits	Name	Credits
1	BBM101	Introduction to the Computer Science	6	Intro to the CS	4
2	BBM101	Intro to the CS	4	<empty>	5
3	BBM202	Data Structures	4	Data Structures	<empty>
4	BBM202	Data Structures	0	Data Structures	-2
TEST DATA TABLE					

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Test Case ID: ICES4HU-TC-005				Test Description: Verifying whether instructor could remove undesired surveys from Surveys page or not			
Test Name: Delete Survey				Test Designed by: Ekin Doğa Taşkın			
Use Case Tested: ICES4HU-UC-019				Test Designed Date: 01.06.2023			
Test Priority (Low/Medium/High): Low				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: User is logged in							
Dependencies: ICES4HU-TC-013							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the “My Surveys” icon in main page or “My Surveys” option at the side bar. Click on the “Delete Survey” button	1, 3	System is expected to remove the survey from the system	“Operation successful” alert is appeared, the survey list is updated and user is redirected to “Surveys” page		X	
2	Click on the “My Surveys” icon in main page or “My Surveys” option at the side bar. Click on the “Delete Survey” button	2, 4	Successfully directed to the Course Registration page.	“A submitted survey cannot be removed!” alert is appeared.		X	

Post-conditions: Removing not desired evaluation forms from the system.		
TEST DATA TABLE		
Sample	Survey Type	Survey Status
1	Course Evaluation	Not Submitted
2	Course Evaluation	Submitted
3	Instructor Evaluation	Not Submitted
4	Instructor Evaluation	Submitted

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Test Case ID: ICES4HU-TC-006				Test Description: Verify if the user is able to view their course list according to their role.			
Test Name: Viewing Users Course List based on User Role				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-006				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Medium				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: User is logged in and has an active account.							
Dependencies: ICES4HU-TC-024							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the "My Courses" option in main page or “My Courses” option from sidebar at the left of the screen.	1	Navigate to the page where the course list is located. Student should be able to view their approved enrolled courses	Student can see enrolled courses while their other requested courses are not present since they are denied by admin		X	
2	Click on the "My Courses" option in main page or “My Courses” option from sidebar at the left of the screen.	2, 5	Navigate to the page where the course list is located. Instructor should be able to view their assigned courses	Instructors see their assigned courses by Department Manager		X	
3	Click on the "Courses" option in main page or “Courses” option from sidebar at the left of the screen.	3	Navigate to the page where the course list is located. Department Manager should be able to view all courses	Department Manager see all the courses in their department		X	

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			which is added to the department by Admin				
4	Click on the "Courses" option in main page or "Courses" option from sidebar at the left of the screen.	4	Navigate to the page where the course list is located. Instructor should be able to view all courses in all departments added to the system by them.	Department Manager see all the courses in their department		X	

Test Data Table					
	1	2	3	4	5
Role	Student	Instructor	Department Manager	Admin	Instructor
User ID	dogataskin	kardelenb	ilyascicek	admin	sevdasagioglu
Password	3qI73m-i*ZQ)c	mGS4V**4u4j)gl	o_EOnmg18)n	yg45m(iS6XO/_	45m.(i,at41K
Courses	BBM101, BBM103	BBM101, BBM103, BBM203	All BBM coded courses: 101, 103, 201, 203, 382, 405	BBM101, BBM 103, BBM 201, BBM 203, BBM 382, BBM 405, MAT124, MAT254, IST292	MAT124, MAT254, IST292
Post-conditions: User accessed specific course list					

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Test Case ID: ICES4HU-TC-007				Test Description: The student selects the courses to take from the course registration list.			
Test Name: Adding Courses during Course Registration Process				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-007				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Medium				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: It is assumed that the course registration period is ongoing. Actor is a student.							
Dependencies: ICES4HU-TC-006							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the empty checkbox next to the course in the Course Registration List.	1	The column colour and the checkbox are ticked.	Selected course is ticked and highlighted with green		X	
2	Select the checkboxes next to the courses in the Course Registration List for multiple course registration.	2	The column colours and the checkboxes are changed, and the courses are saved as the courses the student will take.	Selected courses are ticked and highlighted with green		X	

Test Data Table		
	1	2
Course Code(s)	BBM 101	BBM 103, BBM 201, BBM 203
Post-conditions: The course is added to the system successfully		

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Test Case ID: ICES4HU-TC-008				Test Description: The student removes the selected courses from the course registration list.			
Test Name: Removing (Deselecting) Courses during Course Registration Process				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-008				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Medium				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: It is assumed that the course registration period is ongoing. Actor is a student. Student user is logged in and currently viewing the course registration list.							
Dependencies: ICES4HU-TC-007							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Select the checkboxes next to the courses in the “Course Registration List” for multiple course registration.	1	The column colours and the checkboxes are changed, and the courses are not saved anymore as the courses the student will take.	Student had already added some courses, these courses has presented with highlight, courses to be removed are no longer highlighted.		X	
2	Click on the checkbox for untick next to the course added on the Course Registration List.	2	The column colour and the checkbox are ticked, and the course is not saved anymore as the course the student will take.	Courses to be removed are no longer highlighted.		X	

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3	Click on the ticked checkbox next to the course in the Course Registration List.	3	The column colour and the checkbox are ticked, and the course is not saved anymore as the course the student will take.	Course to be removed is no longer highlighted.	To add a course back that was previously removed, the student can simply check their box again	X	
4	Click on the checkboxes of multiple courses that have been added.	4	The columns' colour and the checkbox are ticked, and the courses are saved as the course the student will take.			X	

Test Data Table				
	1	2	3	4
Selected Course Code(s)	BBM443, BBM442, BBM461, BBM459, BBM384, BBM103, BBM201, BBM203			
Removed Course Code(s)	BBM103, BBM201, BBM203	BBM461, BBM459	BBM461	BBM461, BBM442

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Test Case ID: ICES4HU-TC-009				Test Description: Student requests enrolment for their course registration list			
Test Name: Requesting Enrolment for a Course				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-009				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: Actor has not requested course enrolment							
Dependencies: ICES4HU-TC-006, ICES4HU-TC-007, ICES4HU-TC-008							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Select the checkboxes next to the courses in the Course Registration List for multiple course registration. Click on the Request Enrolment button.	1	The column colours and the checkboxes are changed, and the courses are saved as the courses the student will take.	The column colours and the checkboxes are changed, and the courses are not saved anymore as the courses the student will take. “Operation successful” alert message is appeared and course enrolment request is sent to admin.	Courses which are not ticked are no longer presented in the page.	X	
2	Click on the ticked checkbox next to the course in the Course Registration List. Do not click “Request”	2	The column colour and the checkbox are ticked, and the course is saved as the course the student will take.	Courses to be removed are no longer highlighted.	Leaving without requesting resulted with not saving changes and system	X	

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	button and leave the page				presents same list		
3	Click on the empty checkbox next to the course in the Course Registration List. Click on the Request Enrolment button and select "Yes" in the confirmation box.	3	The column colour and the checkbox are ticked, and the course is saved as the course the student will take. The enrolment request is submitted with a message.	The column colours and the checkbox IS changed, and the course is not saved anymore as the course the student will take. "Operation successful" alert message is appeared, and course enrolment request is sent to admin.	The courses which are sent for enrolment request won't be listed in future.	X	

Test Data Table			
Selected Course Code(s)	BBM443, BBM442, BBM461, BBM459, BBM384		BBM443
Removed Course Code(s)		BBM443	
Post-conditions: User is sending a request to enrolment to all courses in their list			

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Test Case ID: ICES4HU-TC-010				Test Description: To verify that the department manager can successfully assign an instructor to a specific course.			
Test Name: Assigning an Instructor to a Course				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-010				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: User is logged in and currently viewing the course list. At least one course is available in the course list. At least one instructor is available in the system.							
Dependencies: ICES4HU-TC-024							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Locate the course line for which an instructor needs to be assigned. Click on the "Assign instructor" dropdown menu for the desired course line.	1, 2, 3	If course has already an instructor, dropdown menu title should indicate assigned instructor. The "Assign instructor" dropdown menu should expand to show a list of available instructors who can be assigned to the course.	Assigned instructors are present if a course already has been assigned when visiting the page. The dropdown menu shows available instructors correctly	If the instructor should be remain same, user should click on “Keep it” in dropdown menu	X	
2	The desired instructor is selected and the "Save" button is clicked.	1, 2	The instructor is assigned to the course.	“Operation successful” alert appeared. Assigned instructor now has access to the course from their		X	

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				“Courses” page.			
3	Navigate to the homepage and go back to the course list page again.	1, 2	The course instructor should appear as the selected instructor in step 2.	Assigned instructors are present if a course already has been assigned when visiting the page		X	
4	Change the instructor of the course with somebody else	3	New instructor obtains access to the selected course while previous assigned instructor is no longer assigned	Course instructor is changed successfully.		X	

Test Data Table			
	1	2	3
Instructor	Ebru Gokalp	Kardelen Bahar	Kardelen Bahar
Course	BBM405	BBM101	BBM405
Post-conditions: An instructor has been assigned for a course			

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Test Case ID: ICES4HU-TC-011				Test Description: To verify if the user is able to view the evaluation form for the course they have access to.			
Test Name: Viewing a Survey				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-011				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: This use case assumes that the user is already logged in to the system and has an active account. The user also has access to a course that has an evaluation form available. Additionally, it assumes that the evaluation deadline has not been reached yet, which means that the user can still view.							
Dependencies: TC-014							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on "Surveys" on the main page. Select a survey from the survey list page and click on the "Preview" button on the corresponding row.	2, 3, 4	Static survey view display is expected.	The survey page is opened in view mode, and the questions are displayed.		X	
2	In “My Surveys” page, select a survey from the Survey List page and click on the "Open" button.	1	The survey page is opened, and the questions are displayed for answering.	The survey form is opened in edit mode, student is able to modify their answers		X	

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3	In “My Surveys” page, select a survey from the Survey List page and click on the "Open" button.	5	The survey page is opened, and the questions are displayed for answering for the last time.	The survey page is opened and, all the questions are displayed in edit mode. Survey does not contain any “Do it later ” button	Student have to submit form since it is their last right to fill / modify evaluation.	X	
4	In “My Surveys” page, select a survey from the Survey List page and click on the "Open" button.	6	System does not allow opening survey in answer mode	The survey page is opened and, all the questions are displayed in edit mode. Survey does not contain any “Do it later ” button	Even the survey is opened in edit mode, system does not allow any modification since the form is already submitted.	X	

Test Data Table			
Sample	Role	Survey	Remaining View Rights
1	Student	Course Evaluation Form	3
2	Instructor	Instructor Evaluation Form	-
3	Department Manager	Course Evaluation Form	-
4	Admin	Course Evaluation Form	-
5	Student	Instructor Evaluation Form	1 (Last right to edit)
6	Student	Course Evaluation Form	SUBMITTED
Post-conditions: User has previewed the survey			

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Test Case ID: ICES4HU-TC-012				Test Description: Testing to see if the statistics for the evaluation form is accurate and shown properly.			
Test Name: Analysing Survey Results				Test Designed by: Ekin Doğa Taşkın			
Use Case Tested: ICES4HU-UC-012				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Medium				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: User is logged in, and the user is neither a student nor admin. It is also assumed that there is at least one survey answered.							
Dependencies: ICES4HU-TC-011							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click “My Surveys” to select a survey. Then click on “Statistics” button	1	System opens the survey in detailed form. All questions have statistics with them. User can see a column chart for each multiple-choice question and all answers for open ended questions.	Survey questions are listed with their statistics graphs. Classic questions answers are listed in comment form without revealing the user.	Instructor can request re-evaluation to the Department Manager for unsatisfied survey results in this page.	X	

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2	Click “My Surveys” to select a survey. Then click “Statistics” button	2	System list survey questions with empty statistics.	System displays each question and their statistics in bar graph with 0 data.		X	
3	Click “Surveys” to select a survey. Then click “Statistics” button	3	System opens the survey in detailed form. All questions have statistics with them. User can see a column chart for each multiple-choice question and all answers for open ended questions.	Survey questions are listed with their statistics graphs. Classic questions answers are listed in comment form without revealing the user	Department Manager may see each student answer by clicking on “See Answers” button in “Surveys” page.	X	

Test Data Table				
Sample	Role	Username	Survey Type	Survey Status
1	Instructor	ebrugokalp	Course Evaluation	2 students answered (%66.7 attendance)
2	Instructor	kardelenb	Instructor Evaluation	No answers (%0 attendance)

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3	Department Manager	ilyascicekli	Course Evaluation	2 students answered (%66.7 attendance)
4	Admin	admin	Course Evaluation	2 students answered (%66.7 attendance)
Post-conditions: User has analysed the survey				

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Test Case ID: ICES4HU-TC-013				Test Description: Testing to see whether the form elements are implemented and designed well for all users.			
Test Name: Filling and Submitting the Evaluation Form				Test Designed by: Ekin Doğa Taşkın			
Use Case Tested: ICES4HU-UC-013, ICES4HU-UC-018, ICES4HU-UC-019, ICES4HU-UC-020				Test Designed Date: 06/04/2023			
Test Priority (Low/Medium/High): High				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: User is logged in and the user is a student. It is also assumed that there is at least one survey submitted for the course							
Dependencies: ICES4HU-TC-011							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click “Surveys” to select a survey. Then click on “Open”	1	System does not allow to open the evaluation if the start date has not arrived yet	System did not allow to open the evaluation since the start date has not arrived yet. The following alert message is displayed: “THE FORM IS NOT OPENED YET”		X	
2	Click “Surveys” to select a survey. Then click “Open” button	2	System opens the survey in answer mode. User has a chance to exit the system saving but not submitting the answers	System opened the survey in answer mode, and user successfully saved the answers without submitting them		X	

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3	Click "Open" for a survey in survey list. Answer some questions (click a choice, type a sentence in classic question answer box etc.). Click "Submit"	3	System does not allow submitting the evaluation and stays same page with warning "Inadequate answer number! At least <MINIMUM_ANSWER_LIMIT> questions are needed to be answered"	The system has shown the warning "AT LEAST 8 QUESTIONS SHOULD BE ANSWERED." and submission did not happen		X	
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4	Click on the "Edit Form" button. Click on "Add Question". Enter the new question type. Type the question and confirm it. Click on "Save Form" button.	8, 11	System adds the new question/questions to the form in the updated form page. User's remaining edit right is decreased.	System adds temporary classic question waiting to be modified by instructor. After modifications and pressing "Save Form" User's remaining edit right is decreased.	Classic questions turn to "Multiple Choice" when a choice is added to the question.	X	
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5	Click on the "Edit Form" button. Click on "Add Question". Enter the new question type. Type the question and confirm it. "Submit" is clicked.	8, 9, 11, 12	System adds the new question/questions to the form in the updated form. User's remaining edit right is decreased. System is submitted to the system.	Survey is available in the system since minimum question limit (8) is satisfied.		X	
6	Click on the "Edit Form" button. Click on "Add Question". Enter the new question type. Type the question and confirm it. "Submit" is clicked.	10, 13	Survey is expected as not submitted until all survey criteria are met.	System does not allow "Do it later" function since there is no right. Only "Submit" button is allowed for clicking. System adds the created new questions to the form for Sample 10. Sample 13 was not allowed to submit changes until there is enough questions in the survey.		X	

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7	Click on the "Edit Form" button. Click on "Add Question". Enter the new question type. Type the question and confirm it. Exit form page without clicking "submit"	8, 9, 11, 12	System does not save any changes done to survey form.	Changes on the form was not applied, remaining rights are not reduced.		X	
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Sample	Time	Role	Remaining rights	Click Submit	Form has at least 1 answer	Form/ Answer has minimum 8 questions
1	Before evaluation start date	Student	3	True	T/F	True
2	Before evaluation deadline	Student	2	False	T/F	True
3	Before evaluation deadline	Student	2	False	T/F	False
4	Before evaluation deadline	Student	0	False	T/F	True
5	Before evaluation deadline	Student	0	True	T/F	True
6	After evaluation deadline	Student	2	True	T/F	True
7	Before evaluation deadline	Student	2	True	T/F	False
8	Before evaluation start date	Instructor	4	False	True	True
9	Before evaluation start date	Instructor	3	True	True	True
10	Before evaluation deadline	Instructor	0	False	True	True

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11	Before evaluation deadline	Instructor	2	False	True	True
12	Before evaluation deadline	Instructor	2	True	True	True
13	Before evaluation deadline	Instructor	0	True	False	False
Post-conditions: User has exited from survey screen with updated changes						

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System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-014				Test Description: User with an account in the system monitors all his/her corresponding evaluation forms.			
Test Name: View Evaluations List				Test Designed by: Diren Boran Sezen			
Use Case Tested: ICES4HU-UC-014				Test Designed Date: 08.04.2023			
Test Priority (Low/Medium/High): Medium				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: User tries to view his/her evaluation forms in one place.							
Dependencies:							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the "My Surveys" icon on the main page or click on “My Surveys” in the sidebar	1	Display of submitted course or instructor evaluation forms is expected	Submitted forms that related to student are presented in tabular list.		X	
2	Click on the "Surveys" icon on the main page or click on “Surveys” in the sidebar	2	Display of all submitted evaluation forms is expected.	All surveys that submitted into the system with same department are presented in tabular list.	Instructor is able to see Survey Answer Completion percentage to monitor. In this test it seem %66.7 of students has submitted an answer to the survey.	X	
3	Click on the "My Surveys" icon on the main page or click on “My Surveys” in the sidebar	3	Display of all submitted or unsubmitted but saved evaluation forms of the instructor is expected	System has blank form list table since there is no addition made by the current instructor	Instructor is able to see Survey Answer Completion percentage to monitor.	X	

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4	Click on the "My Surveys" icon on the main page or click on "My Surveys" in the sidebar	4	Display of all submitted or unsubmitted but saved evaluation forms of the instructor is expected	All surveys that saved into the system from the current user are presented in tabular list.		X	
5	Click on the "Surveys" icon on the main page or click on "Surveys" in the sidebar	5	Display of all submitted evaluation forms from all department is expected.	All surveys that submitted into the system are presented in tabular list.	Sample 3 and 4 is presented in this list with their submitted evaluation forms after required modifications are done.	X	

Test Data Table			
Sample	Username	Role	Status
1	dogataskin	Student	Forms submitted for the courses
2	ilyascicekli	Department Manager	Available all surveys with same department
3	kardelenb	Instructor	No form available
4	ebrugokalp	Instructor	Course and Instructor forms, several submitted surveys, not submitted surveys
5	admin	Admin	All evaluation forms submitted into the system
		Post-conditions: Actor interacted and observed his/her corresponding survey.	

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System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-015				Test Description: Instructor edits form questions in their private question banks.			
Test Name: : Edit Question Bank				Test Designed by: Diren Boran Sezen			
Use Case Tested: ICES4HU-UC-015				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Medium				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: User is logged in. The user is an instructor and is currently viewing the homepage. User is an instructor or admin.							
Dependencies:							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the "MYQB" icon on the main page or click “Question Bank” at sidebar.	1,2,3	Navigate to the Question Bank page.	Personal question bank page is accessed with “Add Question” button and questions that previously added to question bank.		X	
2	User clicks on "Add Question"	1,2,3	A question template with different options appears in QB page	A question with no choices is appeared with Arrow buttons, “Add Choice” button, “Delete Question” button.	If no choices added to the question, the question defined as “Classic” or “Opinion” question. Else the question is defined as “Multiple Choice” question.	X	

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3	User clicks on "Save all "	1, 2, 4	All questions that are added are saved and inserted to the Question Bank of the user.	System alerts the user with a message "Question Bank is updated successfully!"		X	
4	User clicks on "Save all "	3	All questions that are added are saved and inserted to the Question Bank of the user.		.	X	
5	User clicks on "Save all" after removing old questions	5	Question bank list is updated without unwanted/removed questions, changes saved in the Question Bank of the user.	System alerts the user with a message "Question Bank is updated successfully!"		X	

Test Data Table			
Sample	Username	Role	Status
1	ebrugokalp	Instructor	Displaying his/her Question Bank
2	kardelenb	Instructor	Adds new question to his/her QB database
3	kardelenb	Instructor	Question Bank expanded with additional EMPTY questions
4	kardelenb	Instructor	Question bank expanded with classic questions

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5	kardelenb	Instructor	Question bank has updated with removing old/unwanted questions that previously saved.
	Post-conditions: Actor displayed and edited her/his question bank		

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System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-016				Test Description: Instructor and Department Managers views department newsletter			
Test Name: : Viewing Newsletter				Test Designed by: Diren Boran Sezen			
Use Case Tested: ICES4HU-UC-016				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Low				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: User is in home page and wants to view news							
Dependencies: Registered users have to sign in in the system. User must be an instructor or department manager.							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the “Department Newsletter” from the sidebar	1	System display newsletter posts list	Instructor sees a list of posts that shared by Department Manager		X	
2	Click on the “Department Newsletter” from the sidebar	2	System display newsletter posts list	Department Manager sees a list of posts they shared in newsletter		X	

Test Data Table		
Sample	Role	Status
1	Instructor	Displaying Newsletter
2	Department Manager	Displaying Newsletter
Post-conditions: Actor displayed newspaper.		

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Test Case ID: ICES4HU-TC-017				Test Description: Department Managers creates post on department newsletter			
Test Name: Posting Newsletter				Test Designed by: Diren Boran Sezen			
Use Case Tested: ICES4HU-UC-017				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Low				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: User is in home page and wants to post a new news or resources.							
Dependencies: ICES4HU-TC-016							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Navigate by clicking on “Department Newsletter” option in the side bar and click on the "Create Newsletter Post" or click on the “Share” icon while in the main page.	1	Create post page is expected to be opened	System directs the user to Create Post page		X	
2	User enters empty title and empty post body then clicks on “Post”	1	Empty post warning is expected	System waits for actual input for both boxes		X	
3	Send a post with filled title and post body.	1	Post is visible to instructors	Post has been added into the system to appear in Newsletter page of instructors with same department		X	

Test Data Table				
Sample	Role	Status	Name	Surname
1	Department Manager	Create a new post	İlyas	Çiçekli
Post-conditions: Actor posted newspaper				

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System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-019				Test Description: Verify that an instructor can request re-evaluation for an evaluation form that has unexpected results.			
Test Name: Requesting Re-evaluation For Survey				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-022				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: User is logged in. The user is an instructor and is currently viewing the homepage.							
Dependencies: ICES4HU-TC-012							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	While in “My Surveys” page, click on “Statistics” button. Click on the "Request re-evaluation" button in the Statistics page.	1	"Re-evaluation request has been successfully submitted" message appears.	“Operation is successful” alert is appeared. Department manager’s Surveys page is updated.	The system adds the re-evaluation request to the department managers' request tab.	X	
2	While in “My Surveys” page, click on “Statistics” button. Click on the "Request re-evaluation" button in the Statistics page.	2	User should not be allowed to see not submitted survey’s statistics	“Statistics” button is disabled.		X	

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3	While in “My Surveys” page, click on “Statistics” button. Click on the "Request re-evaluation" button in the Statistics page.	3	System should warn user about the survey is in pending state	“You cannot request reevaluation for a survey more than once! Status:Pending” alert is appeared		X	
4	While in “My Surveys” page, click on “Statistics” button. Click on the "Request re-evaluation" button in the Statistics page.	4	System should warn user about survey is already re-evaluated			X	

Test Data Table			
Sample	Survey	Survey Status	Instructor
1	BBM384 Course Evaluation	Submitted	ebugokalp
2	BBM384 Instructor Evaluation	Not Submitted	ebugokalp
3	BBM384 Course Evaluation	Already Requested Re-evaluate Survey	ebugokalp
4	BBM384 Course Evaluation	Already Re-evaluated Survey	ebugokalp
Post-conditions: The instructor has requested re-evaluation for the evaluation form with unexpected results.			

ICES4HU	Version <1.1.0>
System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-020				Test Description: Verifies the ability of a department manager to view a specific student answer of an evaluation form in the system.			
Test Name: Viewing Survey Result Answer				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-023				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: User is logged in as a Department Manager and currently at main page.							
Dependencies: ICES4HU-TC-001							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Clicks on the “Surveys” icon or clicks on “Surveys” option in the sidebar. Clicks on an answered evaluation form listed below the page.	1, 2	System directs user to student list.	The system opens the list of students who submitted an answer for the form.		X	
2	The user selects a specific student's name from the list and click “See Answers”.	1, 2	System opens a static answer form in view mode.	The system opens the selected student’s submitted answer for the survey in view mode.		X	

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3	Clicks on the “Surveys” icon or clicks on “Surveys” option in the sidebar. Clicks on an answered evaluation form listed below the page.	3	System is expected to display empty student list since no answer has been submitted yet	User is directed to student list page with empty table.		X	
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Test Data Table		
Sample	Survey	Student Username
1	BBM384 Course Evaluation	sevincekin
2	BBM384 Course Evaluation	dogataskin
3	BBM202 Instructor Evaluation	-
Post-conditions: The user has successfully viewed the specific student answer for the evaluation form.		

ICES4HU	Version <1.1.0>
System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-021				Test Description: Verifies if the admin can edit the academic calendar by adding new events or modifying existing ones.			
Test Name: Editing Academic Calendar				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-024				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Ender Sarıbay			
Module Name: Final Product				Test Execution Date: 02.06.2023			
Pre-conditions: This use case assumes that the user is already logged in to the system as an administrator and has an active account.							
Dependencies: ICES4HU-TC-001							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the "Edit" button on the academic calendar page. Select a date for a specific event. Confirm the changes by clicking on the "Save" button.	1	The edited events should be displayed correctly on the academic calendar page.	Schedule is shown as Start, End dates for the term and Grade Finalization date	The dates for the current term should be correct and up to date.	X	

Test Data Table		
Sample	Academic Event	Starting Date
1	Start of the semester	June 5, 2023
2	End of the semester	July 11, 2023
3	Grade Finalization date	July 19, 2023
Post-conditions: The admin has successfully added/edited crucial dates for the academic calendar.		

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System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-022				Test Description: Verifies if the user is able to view the academic calendar.			
Test Name: Viewing Academic Calendar				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-025				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Diren Boran Sezen			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: This use case assumes that the user is already logged in to the system and has an active account.							
Dependencies: ICES4HU-TC-001, ICES4HU-TC-021							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Navigate to the "Schedule" section of the system. Look for the current academic term on the calendar.	1	View the academic calendar for the current term.	User viewed the academic calendar for the current term	*The dates for the current term should be correct and up to date. *Test done for all user types in the system	X	
2	Look at that the dates for the current term are correct and up to date. Look at that the dates for important events, such as semester starting date, are correct and up to date.	1, 2, 3	View the academic calendar for the current term.		The test does not verify the accuracy of the academic calendar itself, only that the dates displayed in the system are correct and up to date.	X	

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Test Data Table		
Sample	Academic Event	Starting Date
1	Start of the semester	June 5, 2023
2	End of the semester	July 11, 2023
3	Grade Finalization date	July 19, 2023
Post-conditions: The academic calendar for the current term is displayed.		

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Test Case ID: ICES4HU-TC-023				Test Description: Verifies that a new instructor can be added to the system by the admin.			
Test Name: Adding New Instructor to the System				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-026				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Diren Boran Sezen			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: The user is logged in to the system and currently on the homepage. User is an admin.							
Dependencies: ICES4HU-TC-001							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	The user is currently on the "Accounts " page. Clicks "Add Instructor" button, Fill out the instructor's personal information and leave the email address field blank. Click the "Confirm" button.	3	The system displays an error message indicating that the email address field is required.	The system displays an error message indicating that the email address field is required.		X	
2	The user is currently on the "Accounts" page. Clicks "Add Instructor" button, Fill out the instructor's personal information and leave the name/surname field blank.	1,2	The system displays an error message indicating that the name/surname field is required.	The system displays an error message indicating that the name/surname field is required.		X	

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3	The user is currently on the "Accounts" page. Clicks "Add Instructor" button, Fill out the instructor's personal information and leave the department field blank. Click the "Confirm" button.	5	The system displays an error message indicating that the department field is required.	The system displays an error message indicating that the department field is required.		X	
	Click the "Accounts" button. Clicks "Add Instructor" button, Fill out the instructor's personal information and email address. Click the "Confirm" button.	4	The instructor's account is successfully created and added to the system. The instructor receives an email with their account information.	The instructor's account is successfully created and added to the system. The instructor receives an email with their account information.		X	

Test Data Table				
Sample	Name	Surname	E-mail	Department
1	<EMPTY>	Sarıbay	endersaribay@hacettepe.edu.tr	Computer Engineering
2	Ender	<EMPTY>	endersaribay@hacettepe.edu.tr	Computer Engineering
3	Ender	Sarıbay	<EMPTY>	Computer Engineering
4	Ender	Sarıbay	endersaribay@hacettepe.edu.tr	Computer Engineering
5	Ender	Sarıbay	endersaribay@hacettepe.edu.tr	<EMPTY>
Post-conditions: The instructor is added to the system.				

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System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-024				Test Description: Verify that an admin user can successfully add a new course to the system with correct information.			
Test Name: Adding a New Course to the System				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-027				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Diren Boran Sezen			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: The user is logged in to the system and currently on the homepage. User is an admin. The admin user should be able to add a new course to the system with all the required information.							
Dependencies: ICES4HU-TC-001							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the "Courses" button on the homepage or sidebar. Click on the "Add course" button. Fill in all the required fields. Click the "Save" button to confirm the new course.	1	The system should save the new course information correctly.	The system save the new course information correctly		X	
2	Fill in the information for the course code, course name, course department, and course status fields only, leaving out the one field Click on the "Confirm" button.	1	System should display an error message indicating that the empty course field is required	System display an error message indicating that the empty course field is required		X	

Test Data Table			
Sample	Course Name	CourseStatus	Course Level
1	Blockchain	ELECTIVE	Undergraduate

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System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-025				Test Description: Verify that an admin user can approve enrolment requests from students to their courses.			
Test Name: Approving Enrolment to Course				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-028				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Diren Boran Sezen			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: The user is logged in to the system and currently on the homepage. There are student requests for course registration waiting for approval.							
Dependencies: ICES4HU-TC-001							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the "Accounts" button. Click on the "See Course Enrolment Requests" button.	1,2	The list of courses selected by students should be displayed.	The list of courses selected by students displayed.		X	
2	Continue to step 1, Click on the "Approve" button of one of the enrolment requests.	1,2	The student's enrolment to the course should be approved and updated in the system.	The student's enrolment to the course approved and updated in the system.		X	
3	Continue to step1, Click on the "Deny" icon next to the "Approve" button of one of the enrolment requests.	1,2	The student's enrolment request to the course should be denied and removed from the system appear on the course list.	The student's enrolment request to the course denied and removed from the system		X	

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Test Data Table		
Sample	Username(s)	Course(s)
1	sevincekin	BBM442
2	direnboransezen	BBM480
Post-conditions: The enrolment request is approved and the user is enrolled to the course.		

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Test Case ID: ICES4HU-TC-026				Test Description: Verify if an admin can successfully approve the enrolment request of a new user in the system.			
Test Name: Approving New User				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-029				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Diren Boran Sezen			
Module Name: Final Product				Test Execution Date: 01.06.2023			
Pre-conditions: User is logged in and currently at home page. User is an Admin							
Dependencies: ICES4HU-TC-001							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the "Accounts" button. Click on the "See User Enrolment Requests" button.	1	The list of users should be displayed.	The list of users displayed.		X	
2	Continue to step 1, Click on the "Approve" button of one of the enrolment requests.	2	The user's enrolment should be approved and updated in the system.	The user's enrolment approved and updated in the system.		X	
3	Continue to step1, Click on the "Deny" icon next to the "Approve" button of one of the enrolments	3	The user's enrolment request should be denied and removed from the system.	The user's enrolment request denied and removed from the system.		X	

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Test Data Table	
Sample	Username(s)
1	direnboransezen
2	endersaribay
Post-conditions: The enrolment request is approved and the user is added to the system.	

ICES4HU	Version <1.1.0>
System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-027				Test Description: Testing the successful removal of a user from the system.			
Test Name: Remove User				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-030				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Low				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: User is logged in and currently at home page. User is an Admin							
Dependencies: ICES4HU-TC-001							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the "Accounts" button. Find the name of the user to be removed. Click on the "Remove User" button.	1	The user is expected to be still listed on the user list since the user is actively uses the system	“Cannot delete a user being used in the system!” alert is appeared, user is redirected to “Accounts” page		X	
2	Find the name of the user to be removed. Click on the "Remove User" option.	2	The user is no longer listed on the user list	“Operation is successful” alert is appeared. Accounts page is updated and user is redirected to Accounts page		X	

Test Data Table		
Sample	Username(s)	Role
1	dogataskin	Student
2	aabc	Instructor
Post-conditions: The user is successfully removed from the system and is no longer able to access any associated data or functionality		

ICES4HU	Version <1.1.0>
System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-028				Test Description: To verify that the admin can remove a course from the system.			
Test Name: Remove Course				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-031				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): High				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: User is logged in and currently at homepage. User is an Admin							
Dependencies: ICES4HU-TC-024							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Clicks the “Remove” button of the desired course	2	Course is successfully removed	Course is successfully removed		X	
2	Clicks the “Remove” button of the desired course	1	Course has a critical use in the department so it cannot be removed. Alert is shown.	Course has a critical use in the department so it cannot be removed. Alert is shown.		X	
Test Data Table							
Sample		Course Name			Course Code		
1		Computer Engineering			BBM384		
2		Mathematics			MAT124		
Post-conditions: User has removed a course from the system							

ICES4HU	Version <1.1.0>
System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-029				Test Description: To verify that the user is able to edit their personal information in their account			
Test Name: Editing Personal Information				Test Designed by: Sevinç Ekin			
Use Case Tested: ICES4HU-UC-032				Test Designed Date: 06.04.2023			
Test Priority (Low/Medium/High): Low				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 31.05.2023			
Pre-conditions: User has access to their email account and can receive the confirmation mail.							
Dependencies:							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on the user icon. Click on "Settings" on the combo box. Change the loginID, name, surname or profile picture then click save button.	1,2	Changes are saved. Profile icon changed as picture	Changes are saved. Profile icon changed as picture		X	
2	Keep one of the information missing and Save	1,2	Success message shouldn't come with missing information	Success message is not came with missing information		X	

Test Data Table	
Sample	Username
1	dirensezen
2	sevincekin
Post-conditions: User successfully updates their account information	

ICES4HU	Version <1.1.0>
System Test Case Definitions	Date: 02.06.2023

Test Case ID: ICES4HU-TC-030				Test Description: Verifying whether a user can safely log out from the system or not.			
Test Name: Logging Out				Test Designed by: Ekin Doğa Taşkın			
Use Case Tested: ICES4HU-UC-033				Test Designed Date: 06/04/2023			
Test Priority (Low/Medium/High): Medium				Test Executed by: Ekin Doğa Taşkın			
Module Name: Final Product				Test Execution Date: 01/06/2023			
Pre-conditions: User is already logged in to the system							
Dependencies:							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click the person icon on the upper right to access the dropdown menu.	1,2	System opens dropdown menu which includes “Settings”, “Log Out”	System opens dropdown menu which includes “Settings”, “Log Out”		X	
2	Click “Confirm” for system warning		System cuts off the connection to the user and redirects the user to the login page.	“You are logging out!” alert is appeared, after clicking “OK” system redirects the user to the login page		X	

Test Data Table	
Sample	Username
1	direnzezen
2	sevincekin
Post-conditions: User has logged out from the system.	

ICES4HU	Version <1.1.0>
System Test Case Definitions	Date: 02.06.2023