ICES4HU
Test Case Definitions

Test Case ID: 1				Test Description: Verify that a user can successfully login for an account				
Test Name: Login				Test Designed by: Onur Akalın				
Use Case Tested :ICES4HU-UC-001				Test Designed Date: 08/04/2023				
Test Priority (Low/Medium/High): High				Test Executed by:<Name-Surname>				
Module Name:				Test Execution Date: <dd/mm/yyyy>				
Pre-conditions: The system is up and running, with the login functionality implemented and accessible to users. The system has valid test data, such as valid usernames and passwords, available for use during testing.								
Dependencies: The user must have a valid email address.								
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status		
						P	F	
1	Valid login credentials							
2	Invalid login credentials							
3	Forgot password functionality							
4								
5								
6								
Test Data Table								
	1	2	3	4		…		
Post-conditions: The user can log in to the system with the registered credentials.								

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System Test Case Definitions	08/04/2023

Test Case ID: 2				Test Description: Verify that a user can successfully login for an account				
Test Name: Logout				Test Designed by: Onur Akalın				
Use Case Tested :ICES4HU-UC-002				Test Designed Date: 08/04/2023				
Test Priority (Low/Medium/High): High				Test Executed by:<Name-Surname>				
Module Name:				Test Execution Date: <dd/mm/yyyy>				
Pre-conditions: The system is up and running, with the login functionality implemented and accessible to users. The system has valid test data, such as valid usernames and passwords, available for use during testing. Dependencies: The user must have a valid email address.								
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status		
						P	F	
1	Click on "Logout" button		User should be logged out and redirected to the main page					
2								
3								
4								
5								
6								
Test Data Table								
	1	2		3	4		…	
Post-conditions: The user can log in to the system with the registered credentials.								

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System Test Case Definitions	08/04/2023

Test Case ID: 3		Test Description: Test user's ability to manage their own account details					
Test Name: Manage Account		**Test Designed by: Murat Beder**					
Use Case Tested : ICES4HU-UC-003		**Test Designed Date: 08/04/2023**					
Test Priority (Low/Medium/High): High		**Test Executed by: <Name-Surname>**					
Module Name:		**Test Execution Date: <dd/mm/yyyy>**					
Pre-conditions: User must be logged in **User must have an existing account**							
Dependencies: Database containing user account information must be accessible							
Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Click on "My Account" button		Redirects user to an account management page				
2	Update email address		Email address is updated and saved				
3	Update password		Password is updated and saved				
4	Add a new profile picture		Profile picture is uploaded and saved				
5	Delete account		Account is deleted and user is logged out				
Test Data Table							
	1	2	3	4		…	
Post-conditions: User account information is updated in the database **If account is deleted, user can no longer log in**							

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System Test Case Definitions	08/04/2023

Test Case ID: 4				Test Description: Testing the functionality of account password recovery process			
Test Name: Account Recovery				Test Designed by: Murat Beder			
Use Case Tested :				Test Designed Date: 08/04/2023			
Test Priority (Low/Medium/High): Medium				Test Executed by: <Name-Surname>			
Module Name:				Test Execution Date: <dd/mm/yyyy>			
Pre-conditions: User has an existing account User has forgotten their password Admin has access to the system to reset passwords							
Dependencies: None							

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	User presses forgot password button		Screen opens for the person to enter their email address.				
2	User enters e-mail address and sends request		Data reaches the admin.				
3	Admin navigates to the user management section		User account details are displayed				
4	Admin confirms the password reset action		A new password is generated and sent to the user's email address				

Test Data Table					
	1	2	3	4	…

Post-conditions: User is able to log in to their account with their new password

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System Test Case Definitions	08/04/2023

Test Case ID: 5	Test Description:
Test Name: Merge student emails	Test Designed by: Onur Akalın
Use Case Tested :	Test Designed Date: 08/04/2023
Test Priority (Low/Medium/High): High	Test Executed by: <Name-Surname>
Module Name:	Test Execution Date: <dd/mm/yyyy>

Pre-conditions: Admin has access to the system and is logged in with valid credentials. There are existing student accounts in the system to be merged. The target email address for merging is a valid email address.

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Admin selects all student accounts to be merged		All student accounts are selected				
2	Admin enters the target email address for merging		Target email address is entered				
3	Admin clicks on the 'Merge' button		Admin is prompted to confirm the action				
4	Admin confirms the merge action		All selected student accounts are merged to the target email address				
5							

Test Data Table					
	1	2	3	4	…

Post-conditions: All selected student accounts are merged to the target email address as per admin's action.

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System Test Case Definitions	08/04/2023

Test Case ID: 6	Test Description: Testing the ability of the admin to delete inappropriate questions from surveys.
Test Name: Prepare Evaluation Forms	Test Designed by: Murat Beder
Use Case Tested : ICES4HU-UC-012	Test Designed Date: 08/04/2023
Test Priority (Low/Medium/High): Medium	Test Executed by: <Name-Surname>
Module Name:	Test Execution Date: <dd/mm/yyyy>

Pre-conditions: The admin is logged in to the system.
There is at least one survey created with inappropriate questions.
Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Select the survey and click the "Edit" button		The survey is opened in edit mode				
2	Select the question and click "Delete" button		A confirmation message is displayed				
3	Reorder the questions		Questions should be reordered as desired				
4	Save the changes to the survey		The changes to the survey are saved				
5							

Test Data Table					
	1	2	3	4	…

Post-conditions: The inappropriate question is deleted from the survey
The changes to the survey are saved

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System Test Case Definitions	08/04/2023

Test Case ID: 7	Test Description: Admin may remove dismissed students or resigned
Test Name: Delete Accounts	Test Designed by: Onur Akalın
Use Case Tested :	Test Designed Date: 08/04/2023
Test Priority (Low/Medium/High): Medium	Test Executed by: <Name-Surname>
Module Name:	Test Execution Date: <dd/mm/yyyy>

Pre-conditions: The user has admin privileges. There are dismissed students and resigned academicians in the system or some students request enrollment. Or some students use slang words in evaluation forms.

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status P	Status F
1	Navigate to the "Student Management" or "Academician Management" module where dismissed students or resigned academicians can be managed.		The "Student Management" or "Academician Management" module is displayed.				
2	Select the dismissed student or resigned academician to be deleted.		The dismissed student or resigned academician is selected.				
3	Click on the "Delete" button to remove the student or academician from the system.		A confirmation prompt asking for confirmation to delete the dismissed student or resigned academician is displayed.				

Test Data Table					
	1	2	3	4	…

Post-conditions: The dismissed student or resigned academician is successfully deleted from the system . The system should update the records and remove the dismissed student or resigned academician from the respective modules.

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System Test Case Definitions	08/04/2023

Test Case ID: 8				Test Description: Verify that the admin can successfully start a new semester in the system.				
Test Name: Start Semester				**Test Designed by: Murat Beder**				
Use Case Tested : ICES4HU-UC-005				**Test Designed Date: 08/04/2023**				
Test Priority (Low/Medium/High): High				**Test Executed by: <Name-Surname>**				
Module Name:				**Test Execution Date: <dd/mm/yyyy>**				
Pre-conditions:The system is operational **Only admin can do it** **There is no active semester currently in progress**								
Dependencies:								
Step	**Test Steps**	**Test Data**	**Expected Results**	**Actual Results**	**Notes**	**Status**		
						P	**F**	
1	Admin fills out the start and end dates of the semester.		The system initiates a new semester on the starting date.					
Test Data Table								
	1		**2**		**3**		**4**	**…**
Post-conditions: The new semester is active in the system **The system displays the new semester on the dashboard.**								

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System Test Case Definitions	08/04/2023

Test Case ID: 9		Test Description: Test the functionality of adding courses to the database in the admin module.	
Test Name: Add courses		Test Designed by: Onur Akalın	
Use Case Tested : ICES4HU-UC-006		Test Designed Date: 08/04/2023	
Test Priority (Low/Medium/High): Medium		Test Executed by: <Name-Surname>	
Module Name:		Test Execution Date: <dd/mm/yyyy>	

Pre-conditions: Admin is logged in with a valid username and password.
The system has a functional database to store courses.

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Navigate to Add Courses page		Successful login and access to admin dashboard				
2	Enter course details in the form		Course added successfully to the database				
3	Verify course details in the database		Course details are correctly stored in the database				

Test Data Table							
	1		2		3	4	…

Post-conditions: The course is successfully added to the database with all the provided details.
The course is displayed in the list of courses in the admin dashboard.
The system generates a success message upon successful addition of the course.

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System Test Case Definitions	08/04/2023

Test Case ID: 10	Test Description: To verify that students can successfully enroll in the system.
Test Name: Enroll in the system	Test Designed by: Murat Beder
Use Case Tested :ICES4HU-UC-007	Test Designed Date: 08/04/2023
Test Priority (Low/Medium/High): High	Test Executed by: <Name-Surname>
Module Name:	Test Execution Date: <dd/mm/yyyy>

Pre-conditions: The enrollment period is open.
The student has the required information and documents for enrollment.

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status P	F
1	Navigate to the enrollment page		Enrollment page is displayed				
2	Student enters the valid e-mail and requests enrollment to the evaluation system.		Request is sent to the admin.				
3	Admin checks email and approves the request.		Student is enrolled in the system.				
4	Student enters the invalid e-mail and requests enrollment to the evaluation system.		Student is not enrolled to the system				
5							
6							

Test Data Table					
	1	2	3	4	…

Post-conditions: The student is successfully enrolled in the system.

Test Case ID: 11	Test Description: Students can display all courses and instructors
Test Name: Display all courses and instructors	Test Designed by: Onur Akalın
Use Case Tested :ICES4HU-UC-008	Test Designed Date: 08/04/2023
Test Priority (Low/Medium/High): Medium	Test Executed by: <Name-Surname>
Module Name:	Test Execution Date: <dd/mm/yyyy>

Pre-conditions: User is logged into the system as a student.

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	**F**
1	Navigate to the "Courses" section.		Courses page is displayed.				
2	Verify that all courses and instructors are displayed. on the "Save" button		All courses and instructors are displayed on the page with their relevant details such as course name, instructor name, and course description.message is displayed				
3	Verify that the displayed courses and instructors are accurate and up-to-date.		The displayed courses and instructors match the actual courses and instructors in the system, and any changes or updates are reflected accurately.				

Test Data Table					
	1	**2**	**3**	**4**	**…**

Post-conditions: The system remains functional and accessible.
All displayed courses and instructors are accurate and up-to-date.
The user is logged out of the system successfully.
Any changes or updates made during the test are reflected accurately in the system.

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System Test Case Definitions	08/04/2023

Test Case ID:12	**Test Description: Students can save a form and continue later**
Test Name: Evaluate courses and instructors	**Test Designed by: Onur Akalın**
Use Case Tested : ICES4HU-UC-009	**Test Designed Date: 08/04/2023**
Test Priority (Low/Medium/High): Medium	**Test Executed by: <Name-Surname>**
Module Name:	**Test Execution Date: <dd/mm/yyyy>**

Pre-conditions: User is logged into the system as a student.
Courses and instructors are available in the system.

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	**F**
1	Select course to be evaluated		Course details are displayed for evaluation.				
2	Evaluate course		Course is evaluated successfully with the given rating and comment.				
3	Evaluate instructor		Instructor is evaluated successfully with the given rating and comment.				
4	Submit evaluation		Evaluation is submitted successfully.				

Test Data Table					
	1	**2**	**3**	**4**	**…**

Post-conditions: Evaluation results are stored in the system.
Students can view the evaluation results for courses and instructors.
Instructors can view the evaluation feedback provided by students.
Evaluation data can be used for further analysis and improvement of courses and instructors.

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System Test Case Definitions	08/04/2023

Test Case ID: 13	Test Description: Students can save a form and continue later
Test Name: Save, continue editing and submit evaluation forms	Test Designed by: Onur Akalın
Use Case Tested :ICES4HU-UC-009	Test Designed Date: 08/04/2023
Test Priority (Low/Medium/High): Medium	Test Executed by: <Name-Surname>
Module Name:	Test Execution Date: <dd/mm/yyyy>

Pre-conditions: User is logged into the system as a student.
Evaluation form is available for the student to fill.
The form has a "Save" option for students to save their progress.

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Student fills in the required fields of the form		Form fields are filled with the provided data				
2	Student clicks on the "Save" button		Form data is saved and a confirmation message is displayed				
3	Student closes the form or logs out of the system		Form data is saved and student can resume later				
4	Student clicks on the "Edit" button		Previously saved form data is displayed				
5	Student makes changes or additions to the form		Form fields are updated with the new data				
6	Student clicks on the "Submit" button		Form data is submitted and a confirmation message is displayed				

Test Data Table					
	1	2	3	4	…

Post-conditions: Form data is saved correctly when the student clicks on the "Save" button, and the student is able to resume editing and submit the form later with the changes made. Admin can verify the submitted form data with the changes made by the student.

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System Test Case Definitions	08/04/2023

Test Case ID: 14				Test Description: Test evaluation form creation and submission functionality for instructors			
Test Name: Create edit and submit evaluation forms				Test Designed by: Murat Beder			
Use Case Tested : ICES4HU-UC-012				Test Designed Date: 08/04/2023			
Test Priority (Low/Medium/High): Medium				Test Executed by: <Name-Surname>			
Module Name:				Test Execution Date: <dd/mm/yyyy>			
Pre-conditions: Instructor is logged into the evaluation system Instructor has access to the evaluation form creation module Instructor has a clear idea of the evaluation form requirements and questions Dependencies: None							

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Instructor navigates to the evaluation form creation module		The evaluation form creation page is displayed				
2	Instructor enters the evaluation form details and questions and saves		All entered information is saved				
3	Instructor edits the saved evaluation form		All edited information is saved				
4	Instructor submits the evaluation form		The evaluation form is submitted successfully				
5							

Test Data Table					
	1	2	3	4	…

Post-conditions: Evaluation form is created, saved, edited, and submitted successfully
Evaluation results are generated based on the submitted form and can be viewed by the instructor and relevant parties.

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System Test Case Definitions	08/04/2023

Test Case ID: 15	Test Description: Instructors can create, save, continue editing and submit evaluation forms
Test Name: Display and download evaluation results	Test Designed by: Onur Akalın
Use Case Tested : ICES4HU-UC-013	Test Designed Date: 08/04/2023
Test Priority (Low/Medium/High): Medium	Test Executed by: <Name-Surname>
Module Name:	Test Execution Date: <dd/mm/yyyy>

Pre-conditions: Instructor account exists in the system
Evaluation form template is available

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status P	F
1	Instructor navigates to the evaluation form management section		Evaluation form templates are displayed				
2	Instructor creates a new evaluation form		New evaluation form is created and saved				
3	Instructor adds questions to the form		Questions are added to the form				
4	Instructor makes changes to the form		Changes are made and saved				
5	Instructor submits the form for evaluation		Form is submitted for evaluation				
6	Instructor downloads the evaluation results		Evaluation results are downloaded as a file				

Test Data Table					
	1	2	3	4	…

Post-conditions: Evaluation form is created, edited, and submitted by the instructor. Evaluation results are generated and available for display and download. Instructor is able to log out of the system successfully.

Test Case ID: 16				Test Description: Verify if the department manager can view the surveys and results.				
Test Name: Display surveys and results				Test Designed by: Murat Beder				
Use Case Tested : ICES4HU-UC-014				Test Designed Date: 08/04/2023				
Test Priority (Low/Medium/High): High				Test Executed by: <Name-Surname>				
Module Name:				Test Execution Date: <dd/mm/yyyy>				
Pre-conditions: Student must have an active survey to complete. System must allow for postponing completion of the survey.								
Dependencies:								

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status	
						P	F
1	Navigate to the surveys and results section of the system.		The surveys and results page is displayed.				
2	View the selected survey or result details.		The selected survey or result details are displayed.				

Test Data Table					
	1	2	3	4	…
Post-conditions:					

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System Test Case Definitions	08/04/2023

Test Case ID: 17	Test Description: The selected instructor can be assigned to the selected course.
Test Name: Assign instructors to courses	Test Designed by: Onur Akalın
Use Case Tested : ICES4HU-UC-015	Test Designed Date: 08/04/2023
Test Priority (Low/Medium/High): Medium	Test Executed by: <Name-Surname>
Module Name:	Test Execution Date: <dd/mm/yyyy>

Pre-conditions: Admin is logged in with valid credentials.
User account management module is accessible.
Courses and instructors are already created in the system.

Dependencies:

Step	Test Steps	Test Data	Expected Results	Actual Results	Notes	Status P	F
1	Navigate to user account management module		User account management module is accessed successfully.				
2	Select a course and assign instructors		Instructors are successfully selected for assignment.				
3	Select instructors to be assigned to the course		Clicking on 'Assign' button successfully assigns instructors to the course.				
4	Verify assigned instructors for the course		Assigned instructors are correctly recorded in the system.				
5							

Test Data Table					
	1	2	3	4	…

Post-conditions: Instructors are successfully assigned to the selected course.
Assigned instructors are correctly recorded in the system.
Admin logs out from the account successfully.