



HACETTEPE UNIVERSITY
ENGINEERING FACULTY
DEPARTMENT OF COMPUTER ENGINEERING

BM384 Software Engineering Lab - 2023 Spring

USE CASE TABULAR DESCRIPTIONS

April 9, 2023

Student Name :

Duygu Sena Öztürk

Esad Boran

Gamze Ergin

Mustafa Emir Peker

Yusuf KOCA

Student Number:

2200356056

21827206

2200356827

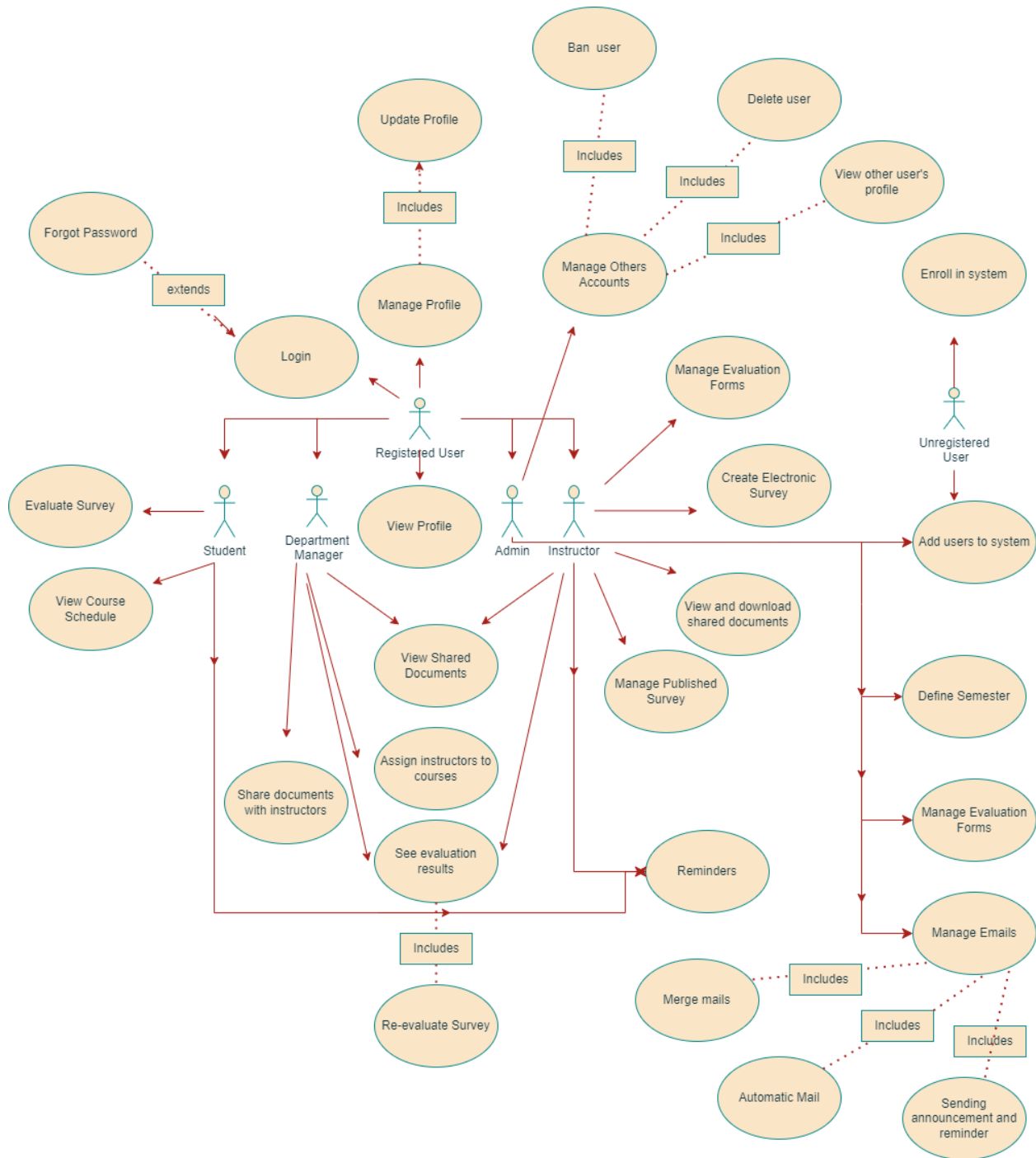
2200356011

2200356013

TABLE OF CONTENTS

Use Case Diagram.....	3
Use Case: Sign Up.....	4
Use Case: Login.....	5
Use Case: Forgot Password.....	6
Use Case: Manage Profile.....	7
Use Case: View Profile.....	8
Use Case: Evaluate Survey.....	9
Use Case: View course schedule.....	10
Use Case: Reminders.....	11
Use Case: Create Electronic Survey.....	12
Use Case: Manage published surveys.....	13
Use Case: See evaluation results.....	14
Use Case : View and download shared documents.....	15
Use Case : Share documents with instructors.....	16
Use Case : Assign instructors to courses.....	17
Use Case : Add users to system.....	18
Use Case : Manage others accounts.....	19
Use Case : Define semester.....	20
Use Case : Manage evaluation forms.....	21
Use Case : Manage emails.....	22
Activity Diagrams.....	23
Activity Diagram: Manage Profile (UC4).....	23
Activity Diagram: Evaluate Survey (UC6).....	24
Activity Diagram: Create Electronic Survey (UC9).....	25
Activity Diagram: See Evaluation Results (UC11).....	26
Activity Diagram: Manage Evaluation Forms (UC11).....	27
E-R Diagram.....	28
Context Diagram.....	29
Distribution of Tasks.....	29

Use Case Diagram



Use Case: Sign Up

Use Case Number:	1		
Use Case Code:	ICES4HU-UC-01		
Use Case Name:	Enroll in system		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Unregistered Users (Department Managers, students)
Short Definition:	For unregistered users, admin approves the requests of students and department managers and defines passwords for them.
Pre-condition:	This user has not been enrolled into the system.
Post-condition:	The account should be created in the database and the user will be able to login.
Priority:	High
Frequency of Occurrence:	When adding a new user to the system
Main Path:	<ol style="list-style-type: none"> 1. Unregistered user clicks "Sign Up" button 2. The registration page will be displayed. 3. The user fills in information fields such as password, email, first name, last name and user type. 4. If the user provides the necessary information, he presses the "Submit / Sign Up " button. 5. The administrator grants user access to their account by verifying the validity of all information provided by the user.
Alternative Path:	<p>A.1.1 If the email address, password, phone number, or ID information is found to be incorrect, the user will be prompted to re-enter the accurate information.</p> <p>A.1.2 The administration upholds strict measures to ensure the accuracy of information provided by users, and if it is unable to verify the information, the user will not be permitted to register into the system.</p>
Containing Use-Case(s)	
Special Requirements:	Membership to the system is exclusively reserved for department Department Manager , Students, and Instructor of Hacettepe University.
Assumptions:	
Note:	

Use Case: Login

Use Case Number:	2		
Use Case Code:	ICES4HU-UC-02		
Use Case Name:	Login		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Registered Users (Administration, Student, Instructor, Department Manager)
Short Definition:	Upon successful login, the user gains access to the system and is able to utilize its functionalities.
Pre-condition:	The user has an account for the system and s/he is not logged in to his/hers account.
Post-condition:	After successful authentication, the user will be logged in to the system and granted access to its functionalities.
Priority:	High
Frequency of Occurrence:	Each time a registered user intends to access the system
Main Path:	<ol style="list-style-type: none"> 1.The system displays the login page to the user. 2.The registered user enters their email and password in the appropriate fields. 3.Once all necessary information is provided, the user clicks the "Login" button. 4.The system then queries the database to verify the authenticity of the user's account information. If the information provided is valid, the system grants access to the home page.
Alternative Path:	<ol style="list-style-type: none"> A.1 The user selects the "Forgot Password" button. A.2 If the entered email is not associated with any existing accounts, the system will display an error message and prompt the user to sign up with the system. A.3.1 If the actor's email and password information do not match the information in the system, the system should display an error message and reload the page. A.3.2 The actor should re-enter their email and password information. A.4 If the actor is an administrator, the system should redirect the actor to the "Administration Panel" instead of the "Main Page".
Containing Use-Case(s)	ICES4HU-UC-01 (Sign Up) , ICES4HU-UC-03 (Forgot Password)
Special Requirements:	
Assumptions:	
Note:	There would be some changes in the implementation phase.

Use Case: Forgot Password

Use Case Number:	3		
Use Case Code:	ICES4HU-UC-03		
Use Case Name:	Forgot Password		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Administrator, Users who Forgot Their Password
Short Definition:	The administrator provides a password reset option for users who have forgotten their password.
Pre-condition:	The user is required to receive a "forgot password" request in the event that they are unable to recall their login credentials.
Post-condition:	In order to assist a user who has forgotten their password, the administrator is responsible for sending a new password to the user's email address and updating the password in the database accordingly.
Priority:	Medium
Frequency of Occurrence:	Whenever a user requests a password reset due to forgetting their login credentials
Main Path:	<ol style="list-style-type: none"> 1.The user initiates the password reset process by clicking on the "Forgot Password" button on the login page. 2.The user provides their registered email address. 3.The system sends a password reset request to the administrator. 4.The administrator accesses the "Admin Panel" to view the pending password reset requests. 5.The administrator verifies the user's identity and generates a new password for the user. 6.The administrator sends the new password to the user via email, which the user can use to log in to their account.
Alternative Path:	
Containing Use-Case(s)	ICES4HU-UC-02(Login)
Special Requirements:	
Assumptions:	
Note:	

Use Case: Manage Profile

Use Case Number:	4		
Use Case Code:	ICES4HU-UC-04		
Use Case Name:	Manage Profile		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Registered Users (Administration, Student, Instructor, Department Manager)
Short Definition:	The registered user has the ability to modify and personalize their account by making changes such as updates and customizations.
Pre-condition:	Given that the user's account information exists in the system and the user has been successfully authenticated and authorized, the user is considered to be logged into the system.
Post-condition:	Changes made by the user to their account have been updated in the database.
Priority:	Medium
Frequency of Occurrence:	In the event that a registered user intends to modify any information in the account section
Main Path:	<ol style="list-style-type: none"> 1.The user navigates to the account information section of the system. 2.The user makes the necessary changes to the account information. 3.The user clicks the "Save" button to save the changes. 4.The system verifies the changes and updates the user's account information in the database. 5.The system displays a message to the user indicating that the changes have been saved successfully.
Alternative Path:	<ol style="list-style-type: none"> A.3.1. If the user has not provided all the necessary information, the system displays an error message indicating which fields are missing. A.3.2. The user fills in the missing fields and clicks the "Save" button again. A.4.1. If the system cannot verify the changes made by the user, it displays an error message indicating the issue. A.4.2. The user corrects the invalid information and clicks the "Save" button again. A.5.1. If the user wants to cancel the changes, they can click the "Cancel" button and return to the previous page.
Containing Use-Case(s)	ICES4HU-UC-05(View Profile)
Special Requirements:	
Assumptions:	
Note:	It can reload the page instead of returning to the previous page.

Use Case: View Profile

Use Case Number:	5		
Use Case Code:	ICES4HU-UC-05		
Use Case Name:	View Profile		
Depicter:	Esad Boran	Last Modificatory:	Esad Boran
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Registered Users (Administration, Student, Instructor, Department Manager)
Short Definition:	The user can access and view their own account information in the system.
Pre-condition:	The system must have an existing user account.
Post-condition:	The user successfully views their own account information, including personal details, preferences, and settings.
Priority:	Medium
Frequency of Occurrence:	Frequently
Main Path:	1.The user clicks on the "View Profile" button. 2.The system displays the user's account information, including personal details, preferences, and settings. 3.The user reviews the information.
Alternative Path:	
Containing Use-Case(s)	ICES4HU-UC-04 (Manage Profile)
Special Requirements:	
Assumptions:	
Note:	

Use Case: Evaluate Survey

Use Case Number:	6		
Use Case Code:	ICES4HU-UC-06		
Use Case Name:	Evaluate Survey		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Student
Short Definition:	The student evaluates the course s/he has taken and the relevant Instructor regarding the semester by filling in the electronic survey of that course and the Instructor.
Pre-condition:	The student must have logged in to the system, must have taken the course from the owner of the relevant survey, namely the instructor, and completed the survey on time.
Post-condition:	User completes the electronic survey.
Priority:	High
Frequency of Occurrence:	If a student desires to complete the survey, or if the system presents the option to complete the survey automatically,
Main Path:	<ol style="list-style-type: none"> 1.The student logs in to the system. 2.The student sees a reminder to complete the course/instructor evaluation. 3.The student goes to view course schedule page. 4.The student selects "Go to Evaluation". 5.The student begins filling out the evaluation. 6.Once the student has completed the evaluation and selected the submit button, they receive a confirmation message verifying that they are ready to submit the evaluations. 7.The student clicks "Save All and Submit" before submission time ends. 8.The student receives a "Certificate of Completion" sent to their Hacettepe e-mail address.
Alternative Path:	<ol style="list-style-type: none"> A.3.1. The user does not see a reminder but can view their courses and see their submitted answers there. A.5.1. The student starts filling out the evaluation. A.5.2. The student decides to continue filling out later and saves their answers. A.5.3. The student continues filling out at another time, at that time they can also change their previous answers. A.7.1. The student does not submit before submission date. A7.2 The student receives a non-responder email.
Containing Use-Case(s)	ICES4HU-UC-08(Reminder)
Special Requirements:	The electronic survey is only available for completion during specific designated periods.
Assumptions:	
Note:	

Use Case: View course schedule

Use Case Number:	7		
Use Case Code:	ICES4HU-UC-07		
Use Case Name:	View course schedule		
Depicter:	Yusuf KOCA	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Student
Short Definition:	The student presses view course schedule button to view courses they take and their instructors. They can also see completed/uncompleted surveys under them.
Pre-condition:	The student must have logged in to the system, must have taken the course from the owner of the relevant survey, namely the instructor, and completed the survey on time.
Post-condition:	Student can choose to start solving, continue solving unsolved surveys or see their answers for solved surveys.
Priority:	Medium
Frequency of Occurrence:	Frequent
Main Path:	<ol style="list-style-type: none"> 1.The student initiates a session on the system. 2.The student selects the "view course schedule" button. 3.The student is redirected to the corresponding page. 4.The student has the option to either respond to a survey or view their responses to previously completed surveys.
Alternative Path:	-
Containing Use-Case(s)	ICES4HU-UC-06 (Evaluate Survey)
Special Requirements:	
Assumptions:	
Note:	

Use Case: Reminders

Use Case Number:	8		
Use Case Code:	ICES4HU-UC-08		
Use Case Name:	Reminders		
Depicter:	Yusuf KOCA	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Student and Instructor
Short Definition:	Student enters the system and gets a pop-up reminder if there's any unsolved surveys or Instructor enters the system and gets a pop-up reminder if there's any unpublished surveys that they started to create.
Pre-condition:	To proceed, the user is required to authenticate themselves by logging into the system, possess an incomplete survey in progress, and in the case of an instructor, have initiated the creation of a survey.
Post-condition:	The user dismisses the reminder and may choose to proceed or terminate the survey.
Priority:	Low
Frequency of Occurrence:	Frequent
Main Path:	1. User enters the system. 2. System checks if there's any unfinished surveys for that user. 3. System gives a pop-up reminder message. 4. User closes off the message.
Alternative Path:	A.3.1. System cannot find any unfinished surveys and does not give a reminder message.
Containing Use-Case(s)	-
Special Requirements:	
Assumptions:	
Note:	

Use Case: Create Electronic Survey

Use Case Number:	9		
Use Case Code:	ICES4HU-UC-09		
Use Case Name:	Create Electronic Survey		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	07..04.2023	Last Modification Date:	07..04.2023

Actor(s):	Instructor
Short Definition:	Instructors can create an electronic survey for course evaluations.
Pre-condition:	The instructor has logged into the system and can only create a survey about her/his own courses.
Post-condition:	An electronic survey was created and the database was saved.
Priority:	High
Frequency of Occurrence:	When the Instructor requests to open a new survey
Main Path:	<ol style="list-style-type: none"> 1.The instructor initiates the survey creation process by selecting the "Create New Survey" button. 2.The instructor populates the survey by selecting questions from the question bank or by creating new questions. 3.The instructor finalizes the survey creation process. 4.Upon completion, the instructor saves the survey by selecting the "Save all questions" button. 5..Prior to submission, the instructor has the option to preview the survey. 6.The instructor submits the survey to the system by selecting the "Submit Survey" button. 7.A confirmation message is automatically sent to the instructor's email address to confirm the successful submission of the survey.
Alternative Path:	<p>A.2.1 Saves individual questions and/or all questions to continue the survey creation process at another time. After that, s/he can continue this process by clicking "Edit" button on the course/instructor survey list.</p> <p>A.2.2 When s/he logs in to the system, s/he will also see a reminder to complete the course/instructor survey. S/he has to option to save and return later and finish.</p>
Containing Use-Case(s)	ICES4HU-UC-08(Reminders)
Special Requirements:	<ol style="list-style-type: none"> 1. Instructors cannot add new questions and alter the questions s/he created once the evaluation has started or there has been at least one response. 2. If s/he starts creating a survey and needs to stop for some reason, s/he can save her/his questions by clicking on the "Do it Later" button at the bottom of the electronic survey. S/he can keep it third times. The fourth time s/he starts the survey creation, s/he will need to complete the survey.
Assumptions:	
Note:	

Use Case: Manage published surveys

Use Case Number:	10		
Use Case Code:	ICES4HU-UC-10		
Use Case Name:	Manage published surveys		
Depicter:	Yusuf Koca	Last Modificatory:	Esad Boran
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Instructors
Short Definition:	Instructors can manage their surveys after publishing them. They can preview them from the POV of a student. They can also change the submission date if they see necessary.
Pre-condition:	A survey must be published.
Post-condition:	The delivery date changes and the information is recorded in the database.
Priority:	Medium
Frequency of Occurrence:	Sometimes - when Instructor want to manage published surveys
Main Path:	<ol style="list-style-type: none"> 1. Instructor logs in to the system. 2. Press the “published surveys” button. 3. System directs the instructor to the published surveys page where all the published and non-resulted surveys are listed. 4. The instructor changes the submit date.
Alternative Path:	<p>A.4.1.1. They do nothing and only see which surveys they published</p> <p>A.4.2.1. They press “preview” button.</p> <p>A.4.2.2. A preview page from the POV of student for the survey opens up.</p> <p>A.4.3.1. They change submit date.</p>
Containing Use-Case(s)	
Special Requirements:	Instructors cannot change the evaluation start date to a past one.
Assumptions:	
Note:	

Use Case: See evaluation results

Use Case Number:	11		
Use Case Code:	ICES4HU-UC-11		
Use Case Name:	See evaluation results		
Depicter:	Esad Boran	Last Modificatory:	
Description Date:	07.04.2023	Last Modification Date:	

Actor(s):	Instructors, Department Manager
Short Definition:	The Instructors or Department Manager can get information and documents about the surveys by pressing the "Resulted Surveys" button.
Pre-condition:	The Instructors or Department Manager has logged into the system. Any survey of his/her own must be completed.
Post-condition:	The Instructors or Department Manager has viewed the results and the document has been downloaded if he wishes.
Priority:	High
Frequency of Occurrence:	Often
Main Path:	<ol style="list-style-type: none"> 1.The Instructors or Department Manager initiates a login process into the system. 2.The Instructors or Department Manager navigates to the "Resulted Surveys" section. 3.The system redirects the Instructors or Department Manager to a page displaying all the surveys that have resulted. 4.The Instructors or Department Manager selects a completed survey and clicks on the "View Results" button adjacent to it on the redirected page. 5. Upon observing the survey, the Instructors or Department Manager concludes by clicking on the "Exit" button and exits the page.
Alternative Path:	<p>A.5.1 The Instructors or Department Manager can download the survey results in Excel format by clicking on the "Download Results" button.</p> <p>A.5.2.1 If the instructor identifies any discrepancies or unfairness in the survey results, they may click on the "Re-evaluate" button.</p> <p>A.5.2.2 This action triggers a request for evaluation to be sent to the department manager.</p> <p>A.5.2.3 The department manager will review the survey results.</p> <p>A.5.2.3.1 If the department manager agrees to reassess the results, further action will be taken.</p> <p>A.5.2.3.2 However, if the department manager refuses to reassess the results, no further action will be taken.</p>
Containing Use-Case(s)	ICES4HU-UC-09 (Create Electronic Survey)
Special Requirements:	The instructor can access answers anonymously, while the department manager can access each student's answers, unlike regular instructors.
Assumptions:	
Note:	

Use Case : View and download shared documents

Use Case Number:	12		
Use Case Code:	ICES4HU-UC-12		
Use Case Name:	View and download shared documents		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Instructors
Short Definition:	Instructors can download and view resources uploaded by Department Manager.
Pre-condition:	The user must be logged into the system
Post-condition:	The instructor accessed a resource provided by the department manager, either by viewing it or by downloading it.
Priority:	Low
Frequency of Occurrence:	Often
Main Path:	<ol style="list-style-type: none"> 1.The instructors log into the system. 2.The instructors navigate to the "Shared Resources" section. 3.The system redirects the instructors to a page displaying all the shared resources. 4.The instructors select a resource and click on the "View" button adjacent to the resource. 5.After reviewing the resource, the instructors end the viewing by clicking the "Exit" button and leave the page.
Alternative Path:	A.5 Instructors download the resource by clicking the "Download" button after reviewing the resource.
Containing Use-Case(s)	ICES4HU-UC-13 (Share documents with instructors)
Special Requirements:	
Assumptions:	
Note:	

Use Case : Share documents with instructors

Use Case Number:	13		
Use Case Code:	ICES4HU-UC-13		
Use Case Name:	Share documents with instructors		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	08.04.2023	Last Modification Date:	08.04.2023

Actor(s):	Department Manager
Short Definition:	Department manager can share resources and announcements with the instructor.
Pre-condition:	The department manager must be logged into the system.
Post-condition:	The department manager shared a resource or announcement with the Instructor.
Priority:	Low
Frequency of Occurrence:	Always
Main Path:	<ol style="list-style-type: none"> 1.The department manager navigates to the “file and announcement sharing section” of the system. 2.The system presents the department manager with options to share files and announcements with instructors. 3.The department manager selects the instructor with whom they wish to share the files and announcements. 4.The system presents the department manager with a list of files and announcements to choose from. 5.The department manager selects the files and announcements they wish to share. 6.The system notifies the selected instructor of the shared files and announcements. 7.The instructor logs in to the system and navigates to the "Shared Resources" section. 8.The system presents the instructor with the shared files and announcements.
Alternative Path:	-
Containing Use-Case(s)	ICES4HU-UC-12 (View shared documents)
Special Requirements:	
Assumptions:	
Note:	

Use Case : Assign instructors to courses

Use Case Number:	14		
Use Case Code:	ICES4HU-UC-14		
Use Case Name:	Assign instructors to courses		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Instructor, Department Manager
Short Definition:	Department managers can assign instructors to specific course(s).
Pre-condition:	1.The department manager has logged into the system and the administrator must define the course information in advance. 2.Date must be before semester start date.
Post-condition:	The instructor has been appointed to the courses by the department manager.
Priority:	High
Frequency of Occurrence:	At the beginning of each semester
Main Path:	1.The department manager logs into the system using their username and password. 2.The system presents the main menu to the department manager. 3.The department manager selects the "Assign Instructors" option from the main menu. 4.The system presents the list of available non instructor courses. 5.The department manager selects the course for which they want to assign an instructor. 6.The system presents the list of available instructors. 7.The department manager selects the instructor they want to assign to the selected course. 8.The system confirms the instructor assignment and updates the course information with the assigned instructor. 9.The system presents the department manager with a success message.
Alternative Path:	-
Containing Use-Case(s)	ICES4HU-UC-15
Special Requirements:	
Assumptions:	
Note:	

Use Case : Add users to system

Use Case Number:	15		
Use Case Code:	ICES4HU-UC-15		
Use Case Name:	Add users to system		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Administration,Unregistered Users
Short Definition:	Administration adds a new user to the system
Pre-condition:	The user must not have registered in the system before and should send a request to the Administration.
Post-condition:	The user has been successfully registered in the system and the database has been updated with the latest changes.
Priority:	High
Frequency of Occurrence:	When the new user sends the administrator a request to register
Main Path:	<ol style="list-style-type: none"> 1.The unregistered user sends a registration request to the administration. 2.Admin logs into own page 3.Clicks the "Add users" button in the main menu. 4. Admin clicks the “Add instructors” button. 5.The administration creates a new user account in the system with the instructor’s information. 6.The administration assigns a unique instructor id and password to the new instructor account. 7.The administration notifies the instructor about their new account and provides them with their instructor id and password.
Alternative Path:	<ol style="list-style-type: none"> A.3.1. Admin clicks the “Enrollment requests” button. A.3.2. Admin sees a list of enrollment requests. A.3.3 Admin checks if the provided information is valid. A.3.4.1.1. If the admin agrees that it is valid for the system, he accepts the request. A.3.4.1.2. System adds the new user to the system. A.3.4.1.3. Student/department manager receives an email about successful registration. A.3.4.2.1. If the admin agrees that it is not valid for the system, he declines the request. A.3.4.1.2. Student/department manager receives an email about their registration is declined.
Containing Use-Case(s)	ICES4HU-UC-01(Enroll in system)
Special Requirements:	
Assumptions:	
Note:	

Use Case : Manage others accounts

Use Case Number:	16		
Use Case Code:	ICES4HU-UC-16		
Use Case Name:	Manage others accounts		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Administration, Registered Users
Short Definition:	The administration has the ability to review the details of user accounts, as well as edit, delete, ban, or take other actions on the user accounts as necessary.
Pre-condition:	The administrator must be logged into the system.
Post-condition:	The administration has performed the desired operation on the user .
Priority:	Medium
Frequency of Occurrence:	Sometimes - When the Administration wants to take action on the user
Main Path:	<ol style="list-style-type: none"> 1.The administration logs into the system. 2.The administration navigates to the user account management section in the main menu. 3.The administration searches for the user account by their id. 4.The administration selects the user account they wish to manage. 5.The administration reviews the user account details and chooses the desired action, such as edit, delete, or ban. 6.If editing, the administration updates the necessary user account information. 7.If deleting, the administration confirms the action and removes the user account from the system. 8.If banning, the administration sets the ban status and duration for the user account. 9.The administration saves the changes and exits the user account management section.
Alternative Path:	-
Containing Use-Case(s)	ICES4HU-UC-3(Forgot Password)
Special Requirements:	
Assumptions:	
Note:	

Use Case : Define semester

Use Case Number:	17		
Use Case Code:	ICES4HU-UC-17		
Use Case Name:	Define Semester		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	07.04.2023	Last Modification Date:	07.04.2023

Actor(s):	Administration
Short Definition:	This use case involves the administration defining the start and end dates of the semester and adding all course information for the department before the start of the semester.
Pre-condition:	The administration has to login own account.
Post-condition:	The semester start and end dates are defined, and all course information is added to the system.
Priority:	Medium
Frequency of Occurrence:	Once per semester
Main Path:	<ol style="list-style-type: none"> 1.Logs into administrator account. 2.Admin opens the "Manage Semester" tab from the main menu. 3.The administrator clicks on the "start new semester "button. 4.The administration determines the start and end dates of the semester. 5.Administration adds all course information for the department, including course code, course name, credit, and course type (required or elective). 6. Administrator clicks on announce semester button.
Alternative Path:	A.6.1. Administrator clicks cancel button.
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case : Manage evaluation forms

Use Case Number:	18		
Use Case Code:	ICES4HU-UC-18		
Use Case Name:	Manage evaluation forms		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	08.04.2023	Last Modification Date:	08.04.2023

Actor(s):	Administration
Short Definition:	The administration manages the evaluation forms uploaded by instructors or department managers.
Pre-condition:	The administration is logged in to the system.
Post-condition:	The evaluation forms are appropriately managed by the administration.
Priority:	Low
Frequency of Occurrence:	Frequently
Main Path:	<ol style="list-style-type: none"> 1.The administration selects the "Manage Evaluation Forms" option from the main menu. 2.The system displays a list of evaluation forms uploaded by instructors or department managers. 3.The administration reviews the evaluation forms and deletes any inappropriate questions or comments. 4.The administration approves the evaluation forms for further processing.
Alternative Path:	<p>A.2.1 If there are no evaluation forms uploaded, the system displays a message indicating that there are no evaluation forms to manage.</p> <p>A.4.1 If the administration finds an inappropriate evaluation form, they can reject it and notify the instructor or department manager who uploaded it.</p>
Containing Use-Case(s)	ICES4HU-UC-09 (Create Electronic Survey)
Special Requirements:	The administration should have appropriate privileges to manage evaluation forms. The system should also provide a mechanism for notifying instructors or department managers of rejected evaluation forms.
Assumptions:	-
Note:	-

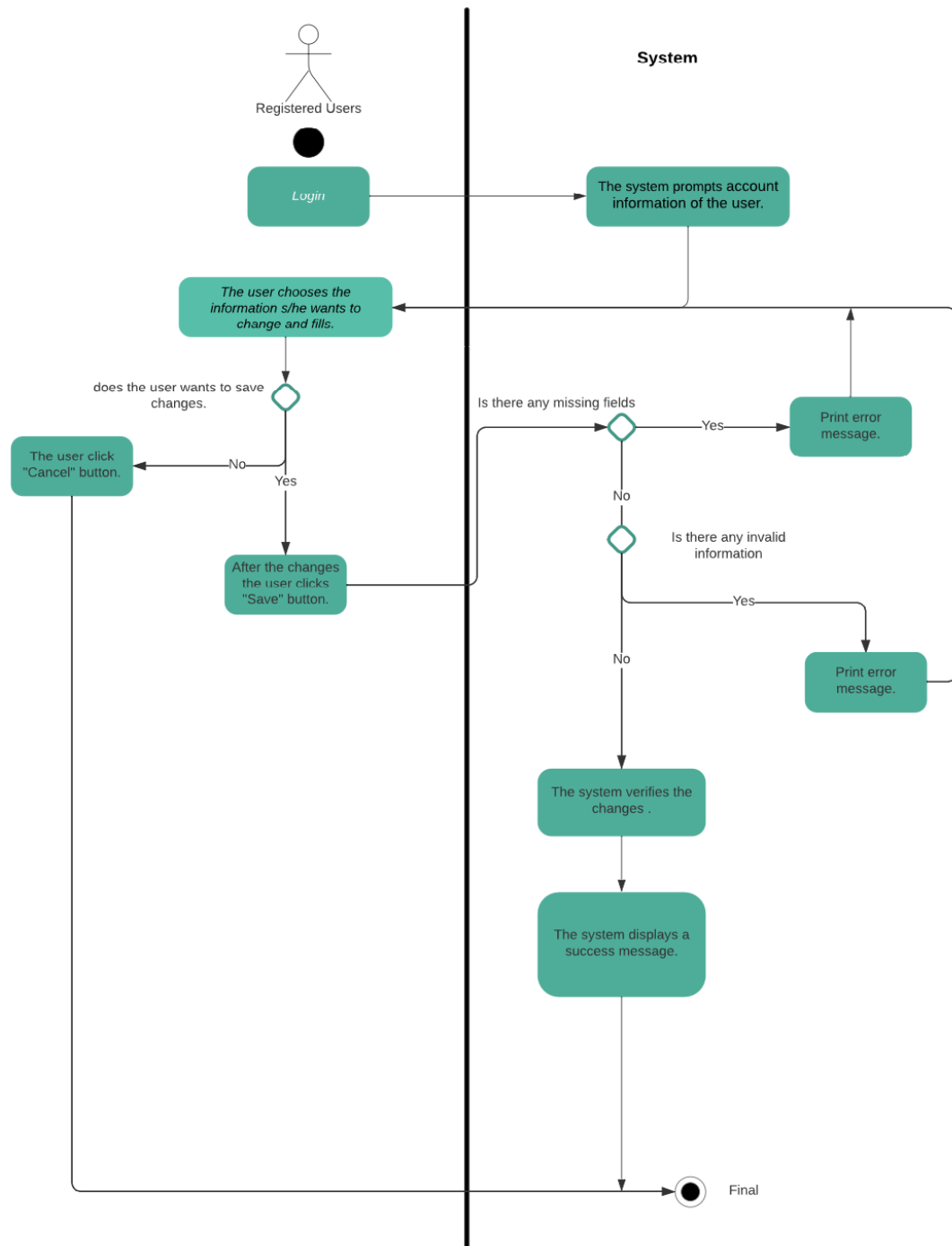
Use Case : Manage emails

Use Case Number:	19		
Use Case Code:	ICES4HU-UC-19		
Use Case Name:	Manage emails		
Depicter:	Esad BORAN	Last Modificatory:	Esad BORAN
Description Date:	08.04.2023	Last Modification Date:	08.04.2023

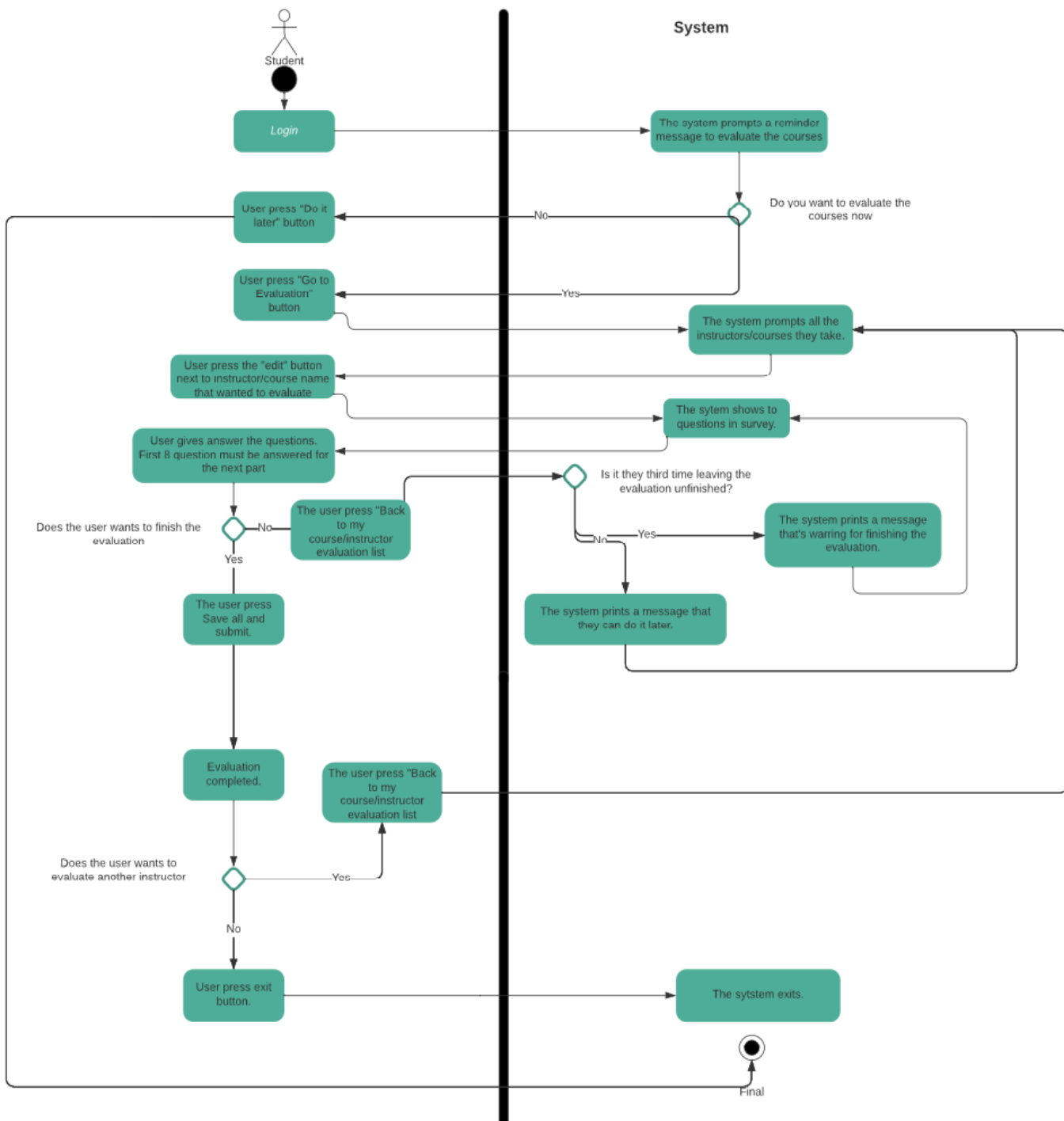
Actor(s):	Administration
Short Definition:	The administration manages the email functionality of the system, including merging email addresses, sending announcement and reminder emails, and managing automatic emails.
Pre-condition:	The administration is logged in to the system.
Post-condition:	The email functionality is appropriately managed by the administration.
Priority:	High
Frequency of Occurrence:	Frequently
Main Path:	<ol style="list-style-type: none"> 1.The Administration selects "Manage Emails" from the system menu. 2.The system displays a list of email management options, including merging email addresses, sending announcement and reminder emails, and managing automated emails. 3.The Administration chooses the appropriate option. 4.If merging email addresses, the Administration confirms the newly registered email addresses and presses the merge button. 5.If announcement or reminder emails are sent, the Administration sends an announcement and reminder message to all students from a single email. 6.If the admin announcement or reminder message is successfully transmitted, a successful mail notification will appear on the admin screen of the system. 7.If the system needs it, it creates and sends a new automatic email. Their control is on the admin.
Alternative Path:	A.4 If there is no new user, a notification will appear on the screen that there are no new users.
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	-
Note:	-

Activity Diagrams

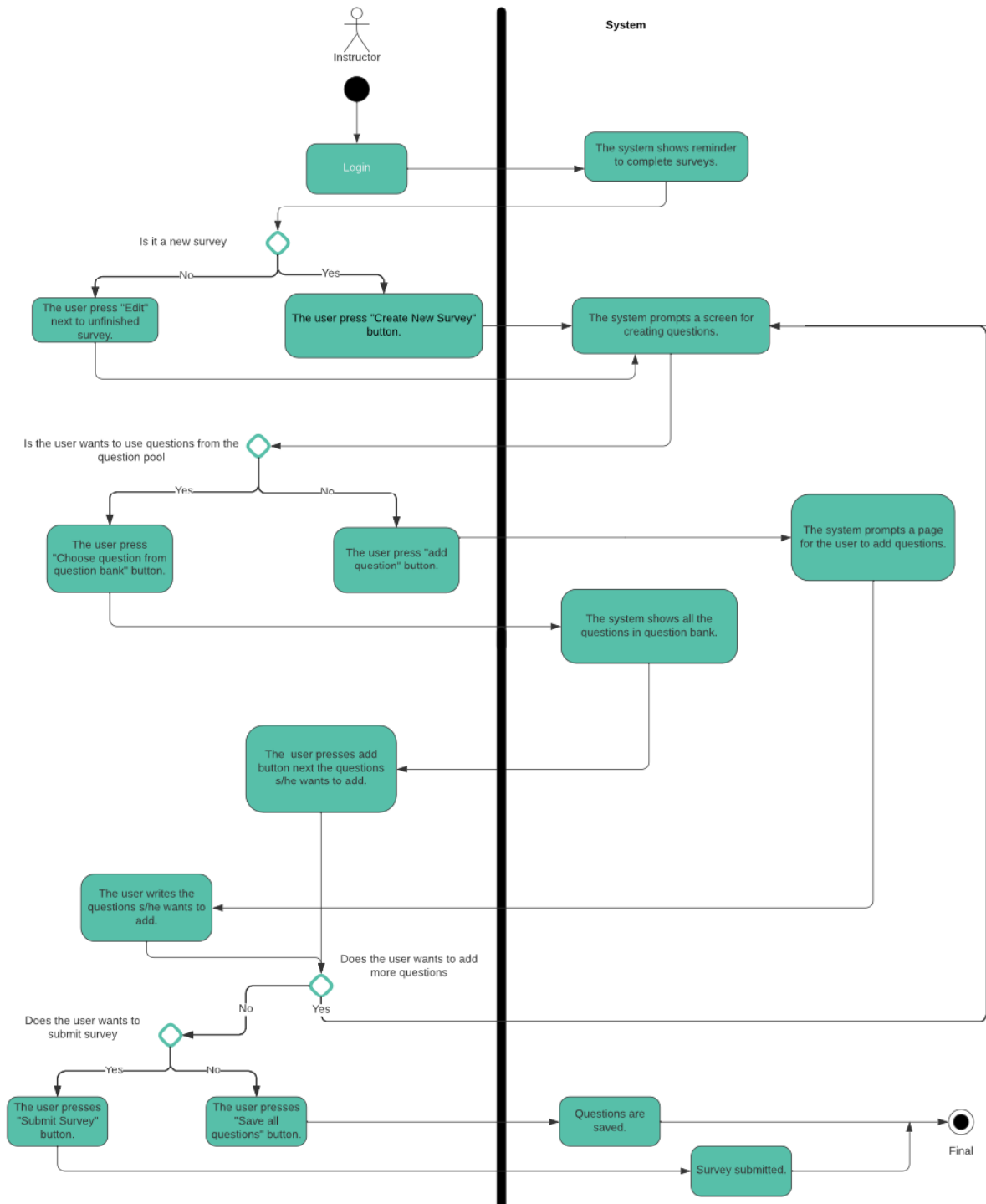
Activity Diagram: Manage Profile (UC4)



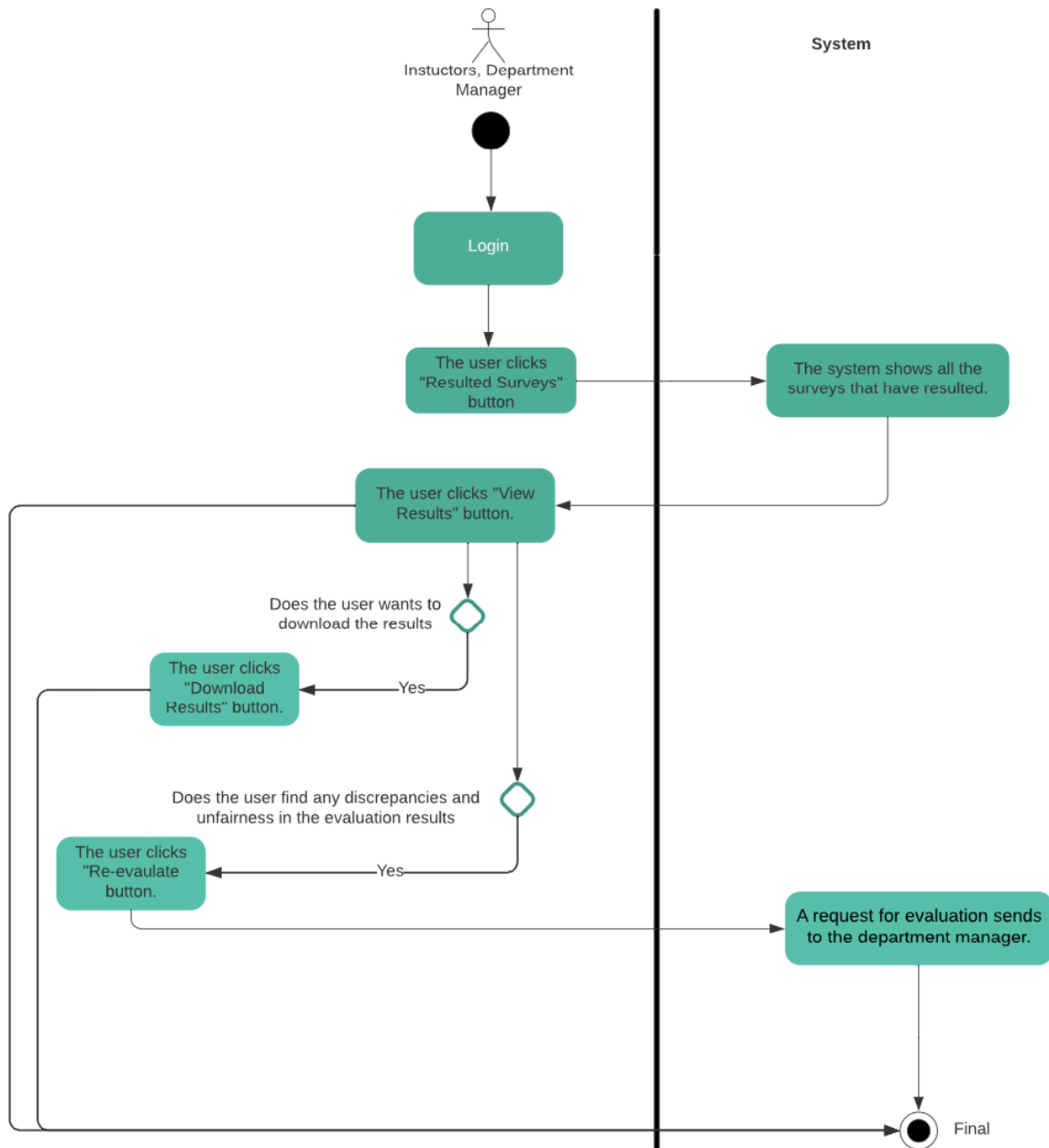
Activity Diagram: Evaluate Survey (UC6)



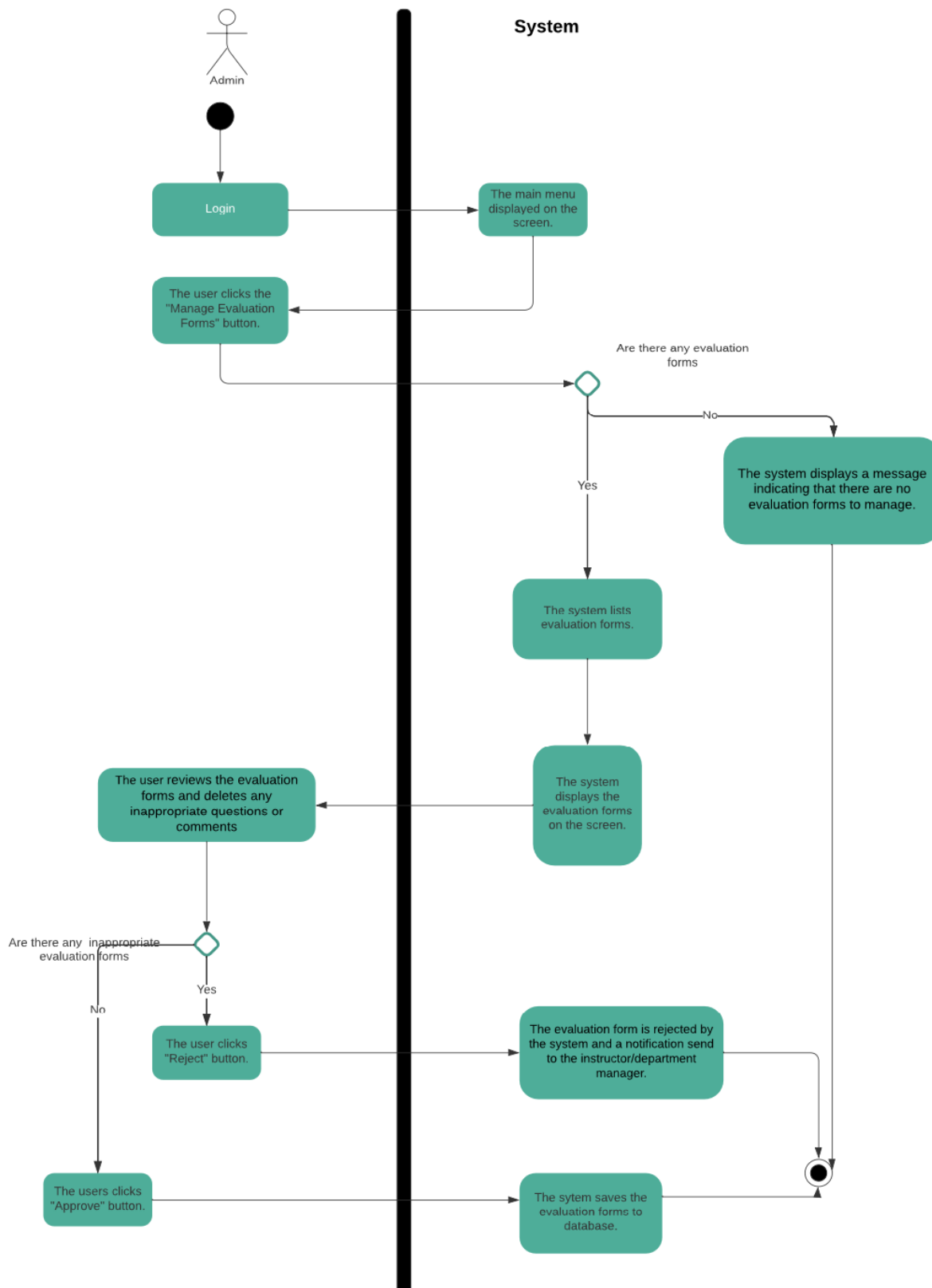
Activity Diagram: Create Electronic Survey (UC9)



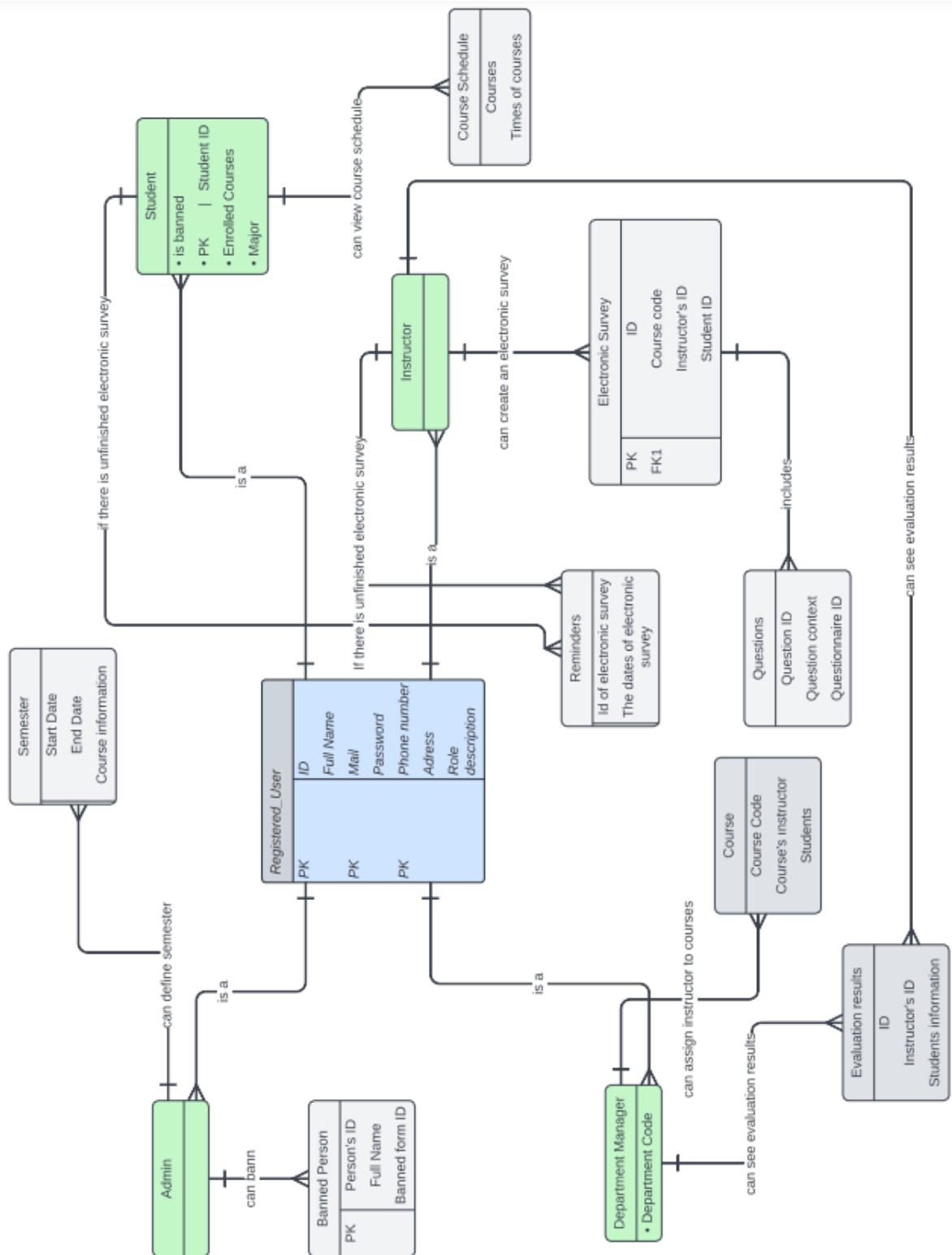
Activity Diagram: See Evaluation Results (UC11)



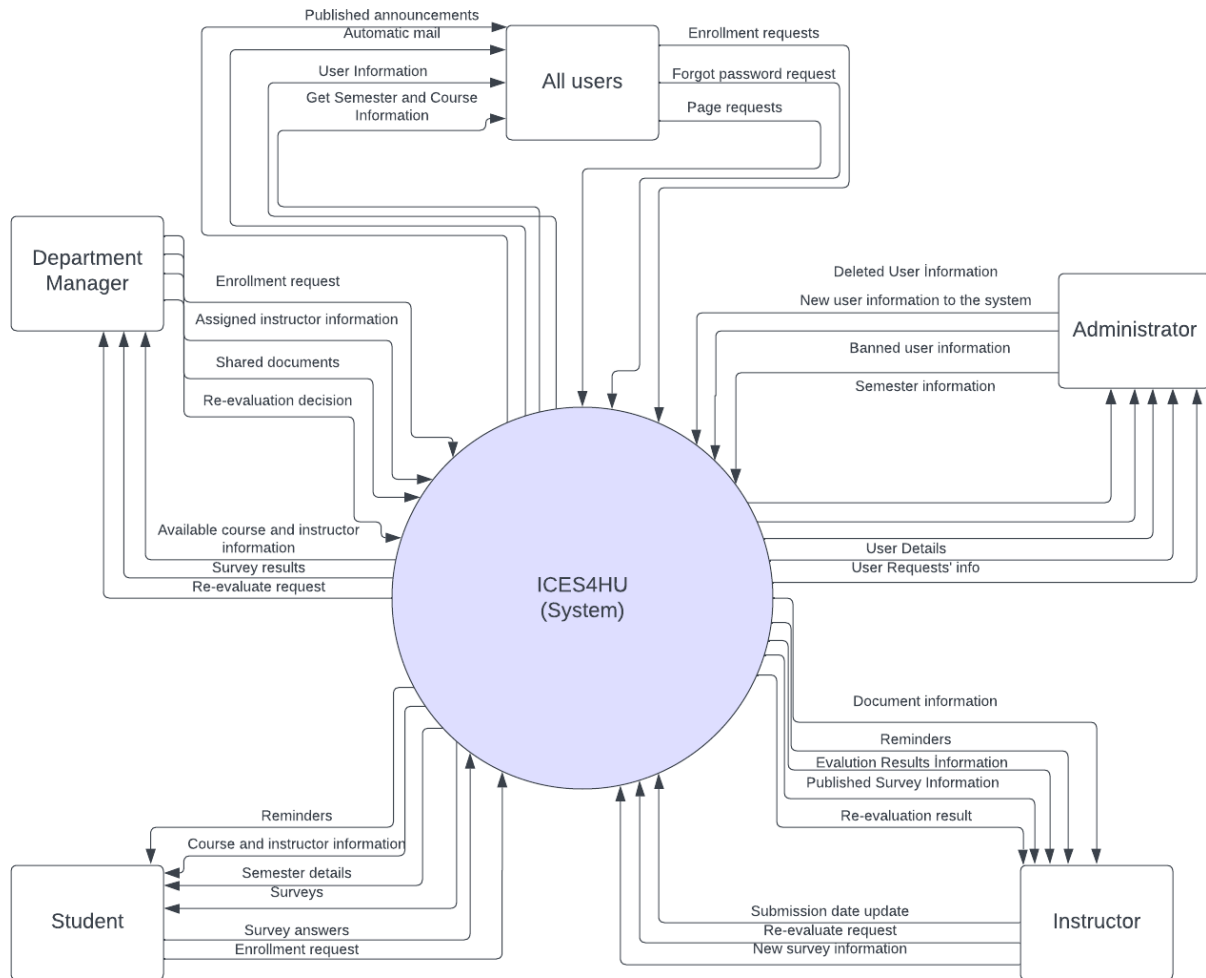
Activity Diagram: Manage Evaluation Forms (UC11)



E-R Diagram



Context Diagram



Distribution of Tasks

In our team, all use cases are determined collaboratively during meetings led by "Esad Boran" and "Yusuf Koca", as these decisions have a significant impact on the entire project and DEL2 documents. At the initial design stage, everyone on the team shares their ideas, and then "Esad Boran" writes most of them down in detail. You can find a detailed breakdown of each task in the "Depicter" and "Last Modificatory" sections of each table.

"Gamze Ergin" is responsible for creating the activity and UML diagrams, while "Yusuf Koca" and "Esad Boran" collaborated on drawing the context diagram. "Mustafa Emir Peker" is in charge of creating the ER diagram.