

Exploding Gradients

Use Case Definitions

Table of Contents

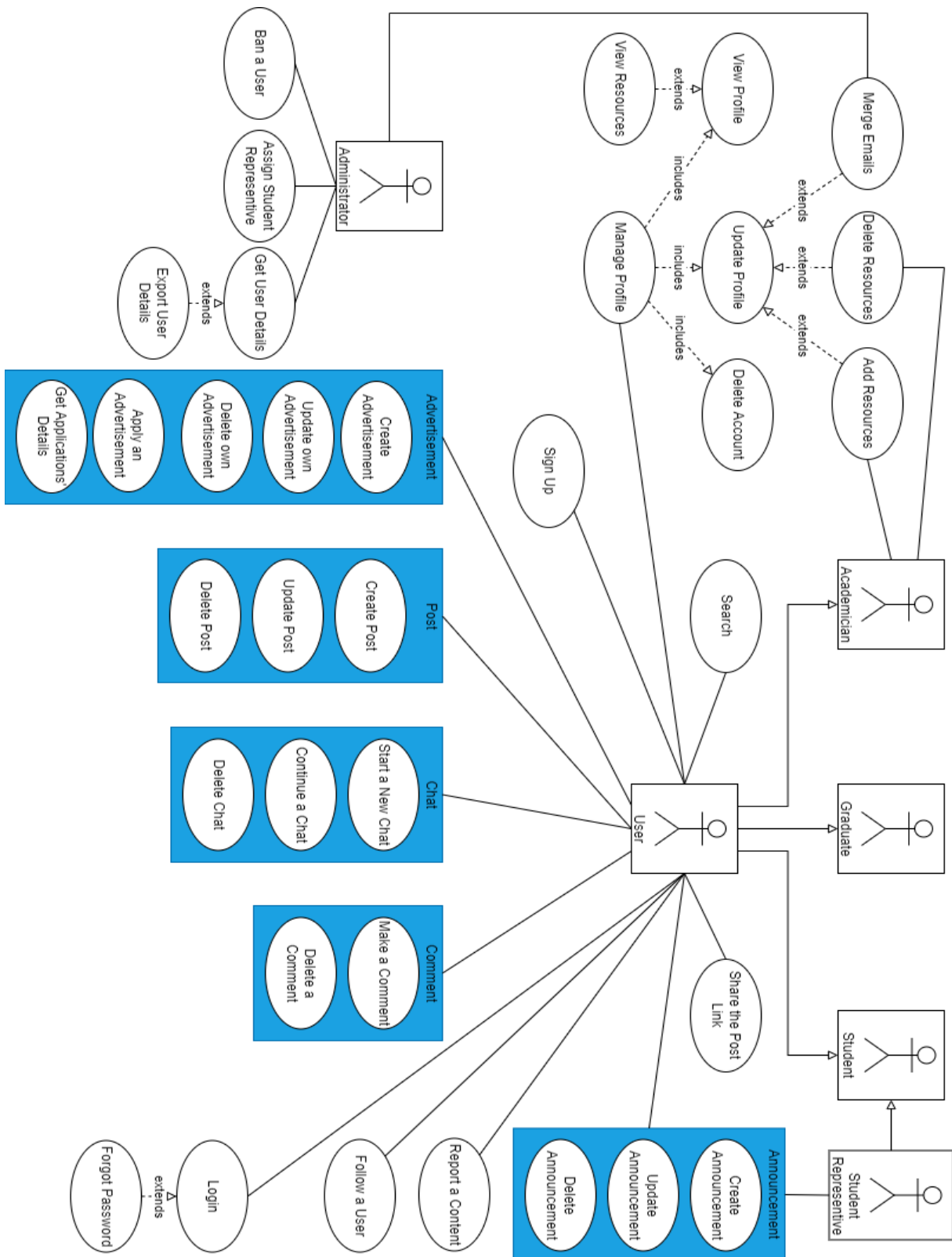
Number of Use Cases and Their Distributions with the CRUD Operations	3
Use Case Diagram	4
Use Case: Sign Up	5
Use Case: Login	6
Use Case: Forgot Password	7
Use Case: Manage Profile	8
Use Case: View Profile	9
Use Case: Update Profile	10
Use Case: Delete Account	11
Use Case: Add Resources	12
Use Case: Delete Resources	13
Use Case: View Resources	14
Use Case: Merge Emails	15
Use Case: Search	16
Use Case: Create Post	17
Use Case: Update Post	18
Use Case: Delete Post	19
Use Case: Create Announcement	20
Use Case: Update Announcement	21
Use Case: Delete Announcement	22
Use Case: Create Advertisement	23
Use Case: Update Own Advertisement	24
Use Case: Delete Own Advertisement	25
Use Case: Apply an Advertisement	26
Use Case: Get Applicant's Details	27
Use Case: Share the Post Link	28
Use Case: Get User Details	29
Use Case: Export User Details	30
Use Case: Ban Users	31
Use Case: Assign Student Representative	32
Use Case: Start a new Chat	33
Use Case: Continue a Chat	34
Use Case: Delete Chat	35
Use Case: Make a Comment	36

Use Case: Delete a Comment	37
Use Case: Report Content	38
Use Case: Follow a User	39
Activity Diagrams	40
Activity Diagram: Create Advertisement (UC19)	40
Activity Diagram: Create Announcement (UC16)	41
Activity Diagram: Start a new Chat (UC29)	42
Activity Diagram: Apply an Advertisement (UC22)	43
Activity Diagram: Create Post (UC13)	44
E-R Diagram	45
Context Diagram	46
Distribution of Tasks	47

Number of Use Cases and Their Distributions with the CRUD Operations

1. Sign Up (Registration)
2. Sign In (Login)
 - a. Forgot Password
3. Manage Profile
 - a. View Profile [READ]
 - i. View Resources [READ]
 - b. Update Profile
 - i. Add Resources
 - ii. Delete Resources
 - iii. Merge emails
 - c. Delete Account
4. Search
5. Post
 - a. Create Post
 - b. Update Post
 - c. Delete Post
6. Announcement
 - a. Create Announcement
 - b. Update Announcement
 - c. Delete Announcement
7. Advertisement
 - a. Create Advertisement
 - b. Update own Advertisement
 - c. Delete own Advertisement
8. Apply an Advertisement [CREATE]
9. Get Applicants' Details [READ]
10. Share the Post Link
11. Get User Details [READ]
 - a. Export User Details
12. Ban Users
13. Assign Student Representative
14. Chat
 - a. Start a new Chat [CREATE]
 - b. Continue Chat [UPDATE & READ]
 - c. Delete Chat
15. Comment
 - a. Make a Comment [CREATE]
 - b. Delete a Comment
16. Report a Content
17. Follow a User

Use Case Diagram



Use Case: Sign Up

Use Case Number:	1		
Use Case Code:	UC1		
Use Case Name:	Registration (Sign Up)		
Depicter:	Mert Doğramacı	Last Modificatory:	Mert Doğramacı
Description Date:	09/03/2022	Last Modification Date:	15/03/2022

Actor(s):	Unregistered User
Short Definition:	System creates an account with the information taken from the user when the user signs up.
Pre-condition:	The actor must not have an account and should have a site link.
Post-condition:	The account should be created in the database and the user will be able to login.
Priority:	High
Frequency of Occurrence:	Once per user
Main Path:	<ol style="list-style-type: none"> 1. The actor must provide a valid email, password, name, surname, phone number and choose a role (academician, student or graduate). 2. System should display a message to say a registration request has been created and sent to the administrator. 3. System should lead the actor to the “Login Page”.
Alternative Path:	<p>A.1.1.1. If the entered email is invalid or already taken, entered phone number is invalid, or password and confirm password does not match with each other, the system should display an error message.</p> <p>A.1.1.2. The actor should change the invalid information with a valid one.</p>
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Login

Use Case Number:	2		
Use Case Code:	UC2		
Use Case Name:	Login (Sign In)		
Depicter:	Mert Doğramacı	Last Modificatory:	Murat Çelik
Description Date:	09/03/2022	Last Modification Date:	16/03/2022

Actor(s):	Administrator, Student, Academician, Graduate
Short Definition:	The actor enters the system and can start using it.
Pre-condition:	The actor must have an account in the system before.
Post-condition:	The actor must be on the “Main Page”.
Priority:	High
Frequency of Occurrence:	Frequently
Main Path:	<ol style="list-style-type: none"> 1. System displays a login screen. 2. The actor enters his/her email and password. 3. System verifies the entered email and password. 4. The system leads the actor to the “Main Page”.
Alternative Path:	<p>A.2.1. The actor clicks on the “Forgot Password” button.</p> <p>A.3.1.1. If the actor's email and password information are not satisfied with the information in the system, the system should display an error message.</p> <p>A.3.1.2. The actor should re-enter the email and password information.</p> <p>A.4.1. If the actor is Administrator, the system should lead the actor to the “Administration Panel” instead of “Main Page”.</p>
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	A use-case has been opened for A 2.1 (Forgot Password)

Use Case: Forgot Password

Use Case Number:	3		
Use Case Code:	UC3		
Use Case Name:	Forgot Password		
Depicter:	Mert Dođramacı	Last Modificatory:	Murat Çelik
Description Date:	13/03/2022	Last Modification Date:	16/03/2022

Actor(s):	Administrator, Users who Forgot Their Password
Short Definition:	The administrator sends a password to the user who forgot his/her password.
Pre-condition:	The user must have forgotten the password.
Post-condition:	The administrator must have sent a password to the user's email.
Priority:	Medium
Frequency of Occurrence:	Often
Main Path:	<ol style="list-style-type: none"> 1. The user clicks the "Forgot Password" button. 2. The user enters the email. 3. The administrator opens the "Administrator Panel". 4. The administrator can see forgotten password requests at the panel. 5. The administrator sends a password to the user.
Alternative Path:	
Containing Use-Case(s)	Extends: Login (Sign In) [UC2]
Special Requirements:	
Assumptions:	
Note:	

Use Case: Manage Profile

Use Case Number:	4		
Use Case Code:	UC4		
Use Case Name:	Manage Profile		
Depicter:	S. Meryem Taşyürek	Last Modificatory:	Mert Doğramacı
Description Date:	16/03/2022	Last Modification Date:	17/03/2022

Actor(s):	Student, Academician, Graduate
Short Definition:	The actor views, updates, information in his/her profile and sends delete profile requests.
Pre-condition:	The actor must be logged in to the system before
Post-condition:	The actor can see options to manage his/her account.
Priority:	Medium
Frequency of Occurrence:	Sometimes
Main Path:	1. Actor clicks on profile button on the upper page bar 2. System opens a drop-down menu under the profile button
Alternative Path:	
Containing Use-Case(s)	Includes: View Profile [UC5], Update Profile [UC6], Delete Account [UC7]
Special Requirements:	
Assumptions:	
Note:	

Use Case: View Profile

Use Case Number:	5		
Use Case Code:	UC5		
Use Case Name:	View Profile		
Depicter:	S. Meryem Taşyürek	Last Modificatory:	Murat Çelik
Description Date:	15/03/2022	Last Modification Date:	15/03/2022

Actor(s):	Student, Academician, Graduate
Short Definition:	The actor can view the user's account.
Pre-condition:	The user must exist.
Post-condition:	The user's account must be viewed.
Priority:	High
Frequency of Occurrence:	Frequently
Main Path:	1. The actor clicks on his/her own profile. 2. The actor views own profile.
Alternative Path:	A.1.1.1. The actor clicks on another user's profile. A.1.1.2. The view will be limited. A.2.1.1. The actor can see "Resources" if the profile belongs to an academician.
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Update Profile

Use Case Number:	6		
Use Case Code:	UC6		
Use Case Name:	Update Profile		
Depicter:	Mert Doğramacı	Last Modificatory:	S. Meryem Taşyürek
Description Date:	09/03/2022	Last Modification Date:	16/03/2022

Actor(s):	Student, Academician, Graduate
Short Definition:	The actor updates informations in his/her profile
Pre-condition:	The actor must be logged in to the system before
Post-condition:	The profile should be updated immediately
Priority:	Medium
Frequency of Occurrence:	Sometimes
Main Path:	<ol style="list-style-type: none"> 1. Actor clicks on profile button on the upper page bar 2. System opens a drop-down menu under the profile button 3. Actor clicks “Edit Profile” button at that tab 4. System opens a new page to edit the user’s profile 5. Actor can edit name, surname, email, phone number, profile picture, update password and his/her social media accounts 6. Actor should press “Update Profile” button after making changes 7. System must update the profile
Alternative Pah:	<p>A.5.1. If the actor is an “Academician”, there will be an additional part as “Resources”.</p> <p>A.7.1. If the actor types a wrong email, invalid password or phone number, or password and confirms the password isn’t matching with each other, then the system should display an error message.</p>
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Delete Account

Use Case Number:	7		
Use Case Code:	UC7		
Use Case Name:	Delete Account		
Depicter:	S. Meryem Taşyürek	Last Modificatory:	Murat Çelik
Description Date:	15/03/2022	Last Modification Date:	16/03/2022

Actor(s):	Administrator, Student, Academician, Graduate
Short Definition:	The actor can delete the user's account.
Pre-condition:	The user must exist.
Post-condition:	The user's account must be deleted.
Priority:	Low
Frequency of Occurrence:	Rarely
Main Path:	1. User clicks on the "Delete Account" button, and sends a deletion request. 2. The administrator logs into the administration panel. 3. The administrator deletes the account of the user.
Alternative Path:	A.1.1. Without a user request administrator might decide to delete a user's account.
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Add Resources

Use Case Number:	8		
Use Case Code:	UC8		
Use Case Name:	Add Resources		
Depicter:	Mert Doğramacı	Last Modificatory:	S. Meryem Taşyürek
Description Date:	16/03/2022	Last Modification Date:	16/03/2022

Actor(s):	Academician
Short Definition:	The actor can add resources and create a file on the system.
Pre-condition:	1. The actor must be logged in to the system before 2. The actor must be on the edit profile page.
Post-condition:	The actor adds resources.
Priority:	Low
Frequency of Occurrence:	Sometimes
Main Path:	1. The actor clicks “Add Resources” on the edit profile page. 2. The actor selects the files. 3. The actor uploads the files.
Alternative Path:	
Containing Use-Case(s)	Extends: Update Profile
Special Requirements:	
Assumptions:	
Note:	

Use Case: Delete Resources

Use Case Number:	9		
Use Case Code:	UC9		
Use Case Name:	Delete Resources		
Depicter:	Mert Doğramacı	Last Modificatory:	S. Meryem Taşyürek
Description Date:	16/03/2022	Last Modification Date:	16/03/2022

Actor(s):	Academician
Short Definition:	The actor can delete resources.
Pre-condition:	1. The actor must be logged in to the system before 2. The actor must be on the edit profile page.
Post-condition:	The actor deletes resources.
Priority:	Low
Frequency of Occurrence:	Sometimes
Main Path:	1. The actor clicks “Add Resources” on the edit profile page. 2. The actor selects files. 3. The actor deletes files.
Alternative Path:	
Containing Use-Case(s)	Extends: Update Profile
Special Requirements:	
Assumptions:	
Note:	

Use Case: View Resources

Use Case Number:	10		
Use Case Code:	UC10		
Use Case Name:	View Resources		
Depicter:	Mert Doğramacı	Last Modificatory:	S. Meryem Taşyürek
Description Date:	16/03/2022	Last Modification Date:	16/03/2022

Actor(s):	Student, Graduate, Academician
Short Definition:	The actor can view resources and this is a read operation.
Pre-condition:	1. The actor must be logged in to the system before 2. The actor must be on an academician's profile page.
Post-condition:	The actor views resources of any academician
Priority:	Low
Frequency of Occurrence:	Often
Main Path:	1. The actor selects an academician's profile 2. The actor views the selected profile. 3. The actor views the resources at the profile page of the selected academician.
Alternative Path:	
Containing Use-Case(s)	Extends: View Profile
Special Requirements:	
Assumptions:	
Note:	

Use Case: Merge Emails

Use Case Number:	11		
Use Case Code:	UC11		
Use Case Name:	Merge the Emails		
Depicter:	Mert Dođramacı	Last Modificatory:	Mert Dođramacı
Description Date:	10/03/2022	Last Modification Date:	16/03/2022

Actor(s):	Administrator, Student, Academican, Graduate
Short Definition:	Merges a user's emails to a specific email address and adds a new user's email into it
Pre-condition:	1. The administrator must be signed in. 2. The user must have sent a merge request.
Post-condition:	Emails must be merged
Priority:	Low
Frequency of Occurrence:	Rarely
Main Path:	1. The user enters an additional email. 2. The user sends a merge email request to the administrator. 3. The administrator opens "Administrator Panel" 4. The administrator can see merge email requests at panel 5. The administrator accepts the merge request 6. System merges emails from the user.
Alternative Path:	A5.1.1. The administrator may decline the merge request A5.1.2. System does not merge emails
Containing Use-Case(s)	Extends: Update Profile
Special Requirements:	
Assumptions:	
Note:	

Use Case: Search

Use Case Number:	12		
Use Case Code:	UC12		
Use Case Name:	Search		
Depicter:	Mert Doğramacı	Last Modificatory:	Humeyra Uçar
Description Date:	13/03/2022	Last Modification Date:	17/03/2022

Actor(s):	Student, Academician, Graduate
Short Definition:	Search users and posts. Also, this use case includes both creating search events and reading results.
Pre-condition:	The actor should be on “Main Page”
Post-condition:	The actor views the results
Priority:	High
Frequency of Occurrence:	Often
Main Path:	<ol style="list-style-type: none"> 1. The actor clicks on search button 2. The actor should type a keyword related to they are searching 3. System lists the possible results 4. Actor can interact with the results
Alternative Path:	A.3.1. If there is no related result with the keywords, then system displays a message
Containing Use-Case(s)	
Special Requirements:	1. System should provide the results in an acceptable time.
Assumptions:	
Note:	

Use Case: Create Post

Use Case Number:	13		
Use Case Code:	UC13		
Use Case Name:	Create Post		
Depicter:	Mert Doğramacı	Last Modificatory:	Mert Doğramacı
Description Date:	13/02/2022	Last Modification Date:	18/03/2022

Actor(s):	Student, Academician, Graduate
Short Definition:	Actor can create posts to share something
Pre-condition:	Actor must be on the “Main Page” and logged in
Post-condition:	The post must be created and the user can see it on the “Main Page”
Priority:	Medium
Frequency of Occurrence:	Frequently
Main Path:	1. The actor clicks the creating post area. 2. The actor types a post content or adds a post file such as photo, video. 3. The actor clicks the button to share the post.
Alternative Path:	A.2.1. If the actor tries to share a blank post, the system shows an error message and the actor cannot share the post.
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Update Post

Use Case Number:	14		
Use Case Code:	UC14		
Use Case Name:	Update Post		
Depicter:	Mert Doğramacı	Last Modificatory:	Murat Çelik
Description Date:	13/02/2022	Last Modification Date:	15/03/2022

Actor(s):	Student, Academician, Graduate
Short Definition:	Actors can updates and edits their posts
Pre-condition:	The post chosen by the actor must have been shared beforehand.
Post-condition:	The post must be updated and the actor can see it on the “Main Page”
Priority:	Low
Frequency of Occurrence:	Sometimes
Main Path:	<ol style="list-style-type: none"> 1. The actor selects the post. 2. The actor clicks the edit button. 3. The actor changes the content of the post. 4. The actor clicks the save changes button.
Alternative Path:	A.4.1. If the actor tries to update the post to a blank post, the system shows an error message and the actor cannot save the changes.
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Delete Post

Use Case Number:	15		
Use Case Code:	UC15		
Use Case Name:	Delete Post		
Depicter:	Mert Dođramacı	Last Modificatory:	Humeyra Uçar
Description Date:	13/02/2022	Last Modification Date:	15/03/2022

Actor(s):	Student, Academician, Graduate
Short Definition:	Actors can delete their posts
Pre-condition:	The post chosen by the actor must have been shared beforehand.
Post-condition:	The post must be deleted.
Priority:	Medium
Frequency of Occurrence:	Sometimes
Main Path:	1. The actor selects the post. 2. The actor clicks the delete button. 3. The actor deletes the post.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Create Announcement

Use Case Number:	16		
Use Case Code:	UC16		
Use Case Name:	Create Announcement		
Depicter:	Mert Doğramacı	Last Modificatory:	Mert Doğramacı
Description Date:	13/02/2022	Last Modification Date:	18/03/2022

Actor(s):	Student Representative, Academician, Graduate
Short Definition:	The actor can creates an announcement
Pre-condition:	Actor must be on the “Main Page” and logged in
Post-condition:	The post announcement be created and the actor can see it on the “Main Page”
Priority:	Medium
Frequency of Occurrence:	Frequently
Main Path:	1. The actor should click the creating announcement area 2. The actor types an announcement content 3. The actor clicks the button to share an announcement
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Update Announcement

Use Case Number:	17		
Use Case Code:	UC17		
Use Case Name:	Update Announcement		
Depicter:	Mert Doğramacı	Last Modificatory:	Murat Çelik
Description Date:	13/03/2022	Last Modification Date:	15/03/2022

Actor(s):	Student Representative, Academician, Graduate
Short Definition:	The actor can update an announcement
Pre-condition:	The announcement post chosen by the actor must have been shared beforehand.
Post-condition:	The announcement must be updated and the actor can see it on the “Main Page”
Priority:	Medium
Frequency of Occurrence:	Sometimes
Main Path:	<ol style="list-style-type: none"> 1. The actor selects the announcement. 2. The actor clicks the edit button. 3. The actor changes the content of the announcement. 4. The actor saves the changes.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Delete Announcement

Use Case Number:	18		
Use Case Code:	UC18		
Use Case Name:	Delete Announcement		
Depicter:	Mert Doğramacı	Last Modificatory:	Humeyra Uçar
Description Date:	13/03/2022	Last Modification Date:	15/03/2022

Actor(s):	Student Representative, Academician, Graduate
Short Definition:	The actor can delete the announcement
Pre-condition:	The announcement post chosen by the actor must have been shared beforehand.
Post-condition:	The announcement must be deleted
Priority:	Medium
Frequency of Occurrence:	Sometimes
Main Path:	1. The actor selects the announcement. 2. The actor clicks the delete button. 3. The actor deletes the announcement.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Create Advertisement

Use Case Number:	19		
Use Case Code:	UC19		
Use Case Name:	Create Advertisement		
Depicter:	Mert Doğramacı	Last Modificatory:	S. Meryem Taşyürek
Description Date:	13/03/2022	Last Modification Date:	16/03/2022

Actor(s):	Students, Academicians, Graduates
Short Definition:	The actor can create advertisements.
Pre-condition:	Actor must be on the “Advertisements Page” and logged in
Post-condition:	The advertisement is displayed on the advertisements page.
Priority:	Medium
Frequency of Occurrence:	Often
Main Path:	<ol style="list-style-type: none"> 1. The actor should click the creating advertisement area. 2. The actor selects an advertisement type (Scholarship, Internship, Job) 2. The actor types an advertisement content 3. The actor clicks the share button
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Update Own Advertisement

Use Case Number:	20		
Use Case Code:	UC20		
Use Case Name:	Update Own Advertisement		
Depicter:	Mert Dođramacı	Last Modificatory:	Humeyra Uçar
Description Date:	13/03/2022	Last Modification Date:	15/03/2022

Actor(s):	Students, Academicians, Graduates
Short Definition:	The actor can update advertisements.
Pre-condition:	The advertisement chosen by the actor must have been shared beforehand.
Post-condition:	The advertisement must be updated
Priority:	Medium
Frequency of Occurrence:	Sometimes
Main Path:	<ol style="list-style-type: none"> 1. The actor selects the advertisement. 2. The actor clicks the edit button. 3. The actor changes the content of the advertisement. 4. The actor saves the changes.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Delete Own Advertisement

Use Case Number:	21		
Use Case Code:	UC21		
Use Case Name:	Delete Own Advertisement		
Depicter:	Mert Doğramacı	Last Modificatory:	Humeyra Uçar
Description Date:	13/03/2022	Last Modification Date:	15/03/2022

Actor(s):	Students, Academicians, Graduates
Short Definition:	The actor can delete advertisements.
Pre-condition:	The advertisement chosen by the actor must have been shared beforehand.
Post-condition:	The advertisement must be deleted
Priority:	Medium
Frequency of Occurrence:	Sometimes
Main Path:	1. The actor selects the advertisement. 2. The actor clicks the delete button. 3. The actor deletes the advertisement.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Apply an Advertisement

Use Case Number:	22		
Use Case Code:	UC22		
Use Case Name:	Apply an Advertisement		
Depicter:	Mert Doğramacı	Last Modificatory:	S. Meryem Taşyürek
Description Date:	13/03/2022	Last Modification Date:	16/03/2022

Actor(s):	Students, Academicians, Graduates
Short Definition:	The actor can apply to an advertisement. This event produces an advertisement application on the system.
Pre-condition:	The advertisement chosen by the actor must have been shared beforehand.
Post-condition:	The actor has applied to an advertisement and the actor will be on the advertisement page.
Priority:	Medium
Frequency of Occurrence:	Often
Main Path:	<ol style="list-style-type: none"> 1. The actor opens a page of an advertisement . 2. The actor clicks the “apply” button. 3. The actor enters necessary information and uploads specific documents (e.g. resume and certificates). 4. The actor should complete the application.
Alternative Path:	A3.1 If the actor does not enter necessary information, the system shows a message that states missing information.
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Get Applicant's Details

Use Case Number:	23		
Use Case Code:	UC23		
Use Case Name:	Get Applicants' Details		
Depicter:	Tuğçe Kızıltepe	Last Modificatory:	Mert Doğramacı
Description Date:	13/03/2022	Last Modification Date:	17/03/2022

Actor(s):	Students, Academicians, Graduates
Short Definition:	View applicants' details who apply for an advertisement. This use case includes read operation.
Pre-condition:	The advertisement created by the actor must have been shared beforehand.
Post-condition:	The advertiser sees the applicant's details.
Priority:	Medium
Frequency of Occurrence:	Sometimes
Main Path:	<ol style="list-style-type: none"> 1. The actor should select his/her advertisement 2. The actor clicks the get applicants' details. 3. The actor downloads the applicants' details in an excel file.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Share the Post Link

Use Case Number:	24		
Use Case Code:	UC24		
Use Case Name:	Share the post link		
Depicter:	Tuğçe Kızıltepe	Last Modificatory:	Humeyra Uçar
Description Date:	13/03/2022	Last Modification Date:	15/03/2022

Actor(s):	Students, Academicians, Graduates
Short Definition:	The users can copy the link of the post.
Pre-condition:	The post must exist.
Post-condition:	The users copy the link of the post.
Priority:	Medium
Frequency of Occurrence:	Often
Main Path:	1. The actor clicks the “share” button to share a post link to other platforms. 2. The actor copies the link of the post.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Get User Details

Use Case Number:	25		
Use Case Code:	UC25		
Use Case Name:	Get User Details		
Depicter:	Mert Doğramacı	Last Modificatory:	Mert Doğramacı
Description Date:	13/03/2022	Last Modification Date:	18/03/2022

Actor(s):	Administrator
Short Definition:	Get user details which are personal information and view it. This use case includes the read operation.
Pre-condition:	The user must exist.
Post-condition:	The administrator gets user details.
Priority:	Medium
Frequency of Occurrence:	Rarely
Main Path:	<ol style="list-style-type: none"> 1. The administrator opens the administration panel. 2. The system provides a way to search for a user. 3. The administrator searches a user entering the user's name and surname. 4. Get the user information that includes name, surname, phone number, e-mail address, company that s/he works for, and link to LinkedIn profile if it exists.
Alternative Path:	<p>A3.1 The administrator searches a user entering the incorrect user's name and surname.</p> <p>A3.2 The system shows a message that states the user is not found.</p>
Containing Use-Case(s)	
Special Requirements:	1. The system should respond to the search request for a user in 3 seconds.
Assumptions:	
Note:	

Use Case: Export User Details

Use Case Number:	26		
Use Case Code:	UC26		
Use Case Name:	Export user details		
Depicter:	Mert Doğramacı	Last Modificatory:	Humeyra Uçar
Description Date:	13/03/2022	Last Modification Date:	15/03/202

Actor(s):	Administrator
Short Definition:	The administrator can export user details as Excel files.
Pre-condition:	The administrator got the user details.
Post-condition:	The administrator exports the user details as Excel files.
Priority:	Medium
Frequency of Occurrence:	Rarely
Main Path:	1. The actor exports the user information as an excel file.
Alternative Path:	
Containing Use-Case(s)	Extend: Get User Details
Special Requirements:	
Assumptions:	
Note:	

Use Case: Ban Users

Use Case Number:	27		
Use Case Code:	UC27		
Use Case Name:	Ban Users		
Depicter:	Mert Doğramacı	Last Modificatory:	Mert Doğramacı
Description Date:	13/03/2022	Last Modification Date:	17/03/2022

Actor(s):	Administrator
Short Definition:	The administrator controls the code of conduct.
Pre-condition:	The administrator must be logged in.
Post-condition:	The user is banned.
Priority:	Medium
Frequency of Occurrence:	Sometimes
Main Path:	1. The administrator logs into the administration panel. 2. The administrator opens the ban requests menu. 3. The administrator restricts users who use slang words.
Alternative Path:	A3.1 If the banned user is a student representative, this title must be dropped and s/he cannot be a representative again.
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Assign Student Representative

Use Case Number:	28		
Use Case Code:	UC28		
Use Case Name:	Assign Student Representative		
Depicter:	Tuğçe Kızıltepe	Last Modificatory:	Mert Doğramacı
Description Date:	13/03/2022	Last Modification Date:	17/03/2022

Actor(s):	Administrator
Short Definition:	The selected student is determined as the student representative.
Pre-condition:	A student should be selected by the department.
Post-condition:	The student representative role must be assigned to selected students.
Priority:	Low
Frequency of Occurrence:	Once a year
Main Path:	<ol style="list-style-type: none"> 1. The administrator logs into the administration panel. 2. The administrator searches the determined student from the menu. 3. The administrator assigns the student representative role to the selected student.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Start a new Chat

Use Case Number:	29		
Use Case Code:	UC29		
Use Case Name:	Start a new chat		
Depicter:	Murat Çelik	Last Modificatory:	Mert Doğramacı
Description Date:	13/03/2022	Last Modification Date:	18/03/2022

Actor(s):	Student, Academician, Graduates
Short Definition:	The user starts a conversation with someone. This use case includes create operation.
Pre-condition:	The actor must not have previously chatted with the person to start a chat with.
Post-condition:	The actor started a conversation with someone.
Priority:	Medium
Frequency of Occurrence:	Often
Main Path:	1. The actor clicks the chat start icon on the chat page. 2. The actor selects someone on the chat screen and writes a message. 3. The actor sends the message.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Continue a Chat

Use Case Number:	30		
Use Case Code:	UC30		
Use Case Name:	Continue chat		
Depicter:	Mert Doğramacı	Last Modificatory:	Mert Doğramacı
Description Date:	17/03/2022	Last Modification Date:	17/03/2022

Actor(s):	Student, Academician, Graduates
Short Definition:	The user can continue a conversation with someone. This use case includes both read and update operations.
Pre-condition:	The actor must have previously chatted with the person to continue a chat.
Post-condition:	The messages of the actor should be sent.
Priority:	Medium
Frequency of Occurrence:	Frequently
Main Path:	<ol style="list-style-type: none"> 1. The actor clicks any user's name that s/he talked to before on the chat page. 2. The actor writes a message. 3. The actor sends the message.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Delete Chat

Use Case Number:	31		
Use Case Code:	UC31		
Use Case Name:	Delete Chat		
Depicter:	Murat Çelik	Last Modificatory:	Mert Doğramacı
Description Date:	13/03/2022	Last Modification Date:	13/03/2022

Actor(s):	Student, Academician, Graduates
Short Definition:	The actor deletes one of his/her chats
Pre-condition:	There must be a chat to be deleted.
Post-condition:	The user deleted one of their chats from the panel.
Priority:	Low
Frequency of Occurrence:	Sometimes
Main Path:	1. The actor selects a chat. 2. The actor clicks the chat delete icon on the chat page 3. The actor deletes the chat.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Make a Comment

Use Case Number:	32		
Use Case Code:	UC32		
Use Case Name:	Make a Comment		
Depicter:	Tuğçe Kızıltepe	Last Modificatory:	Murat Çelik
Description Date:	13/03/2022	Last Modification Date:	15/03/2022

Actor(s):	Student, Academician, Graduates
Short Definition:	The actor can make a comment on a post and announcement. This use case includes create operation.
Pre-condition:	There must be a post, announcement or videos to be commented on.
Post-condition:	The actor must make a comment.
Priority:	Low
Frequency of Occurrence:	Frequently
Main Path:	1. The actor selects a post or an announcement. 2. The actor types a comment. 3. The actor sends the comment.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Delete a Comment

Use Case Number:	33		
Use Case Code:	UC33		
Use Case Name:	Delete a Comment		
Depicter:	Tuğçe Kızıltepe	Last Modificatory:	Murat Çelik
Description Date:	13/03/2022	Last Modification Date:	15/03/2022

Actor(s):	Student, Academician, Graduates
Short Definition:	The actor can delete a comment on a post and announcement.
Pre-condition:	There must be a comment to be deleted.
Post-condition:	The actor must delete the comment.
Priority:	Low
Frequency of Occurrence:	Sometimes
Main Path:	1. The actor selects a comment. 2. The actor deletes the comment by clicking the “delete” button.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

Use Case: Report Content

Use Case Number:	34		
Use Case Code:	UC34		
Use Case Name:	Report Content		
Depicter:	Tuğçe Kızıltepe	Last Modificatory:	Mert Doğramacı
Description Date:	13/03/2022	Last Modification Date:	17/03/2022

Actor(s):	Students, Academicians, Graduates
Short Definition:	The actor can report users. This use case includes the create operation.
Pre-condition:	There must be a user to be reported.
Post-condition:	The actor reports a user.
Priority:	Medium
Frequency of Occurrence:	Sometimes
Main Path:	1. The actor goes to the report page. 2. The actor fills the form about the report. 3. The actor clicks the report button and sends the report.
Alternative Path:	
Containing Use-Case(s)	
Special Requirements:	
Assumptions:	
Note:	

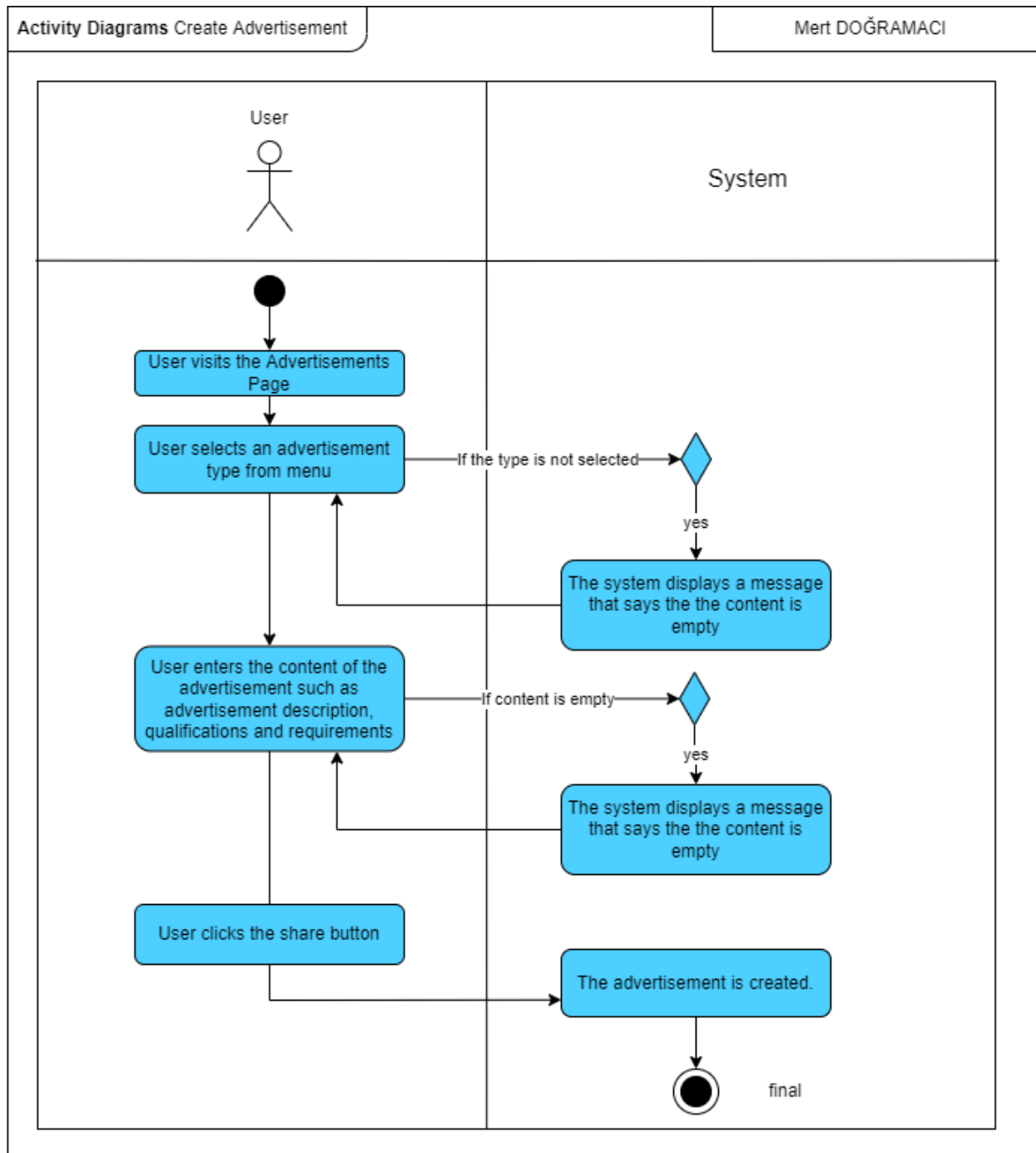
Use Case: Follow a User

Use Case Number:	35		
Use Case Code:	UC35		
Use Case Name:	Follow a User		
Depicter:	Tuğçe Kızıltepe	Last Modificatory:	Murat Çelik
Description Date:	17/03/2022	Last Modification Date:	17/03/2022

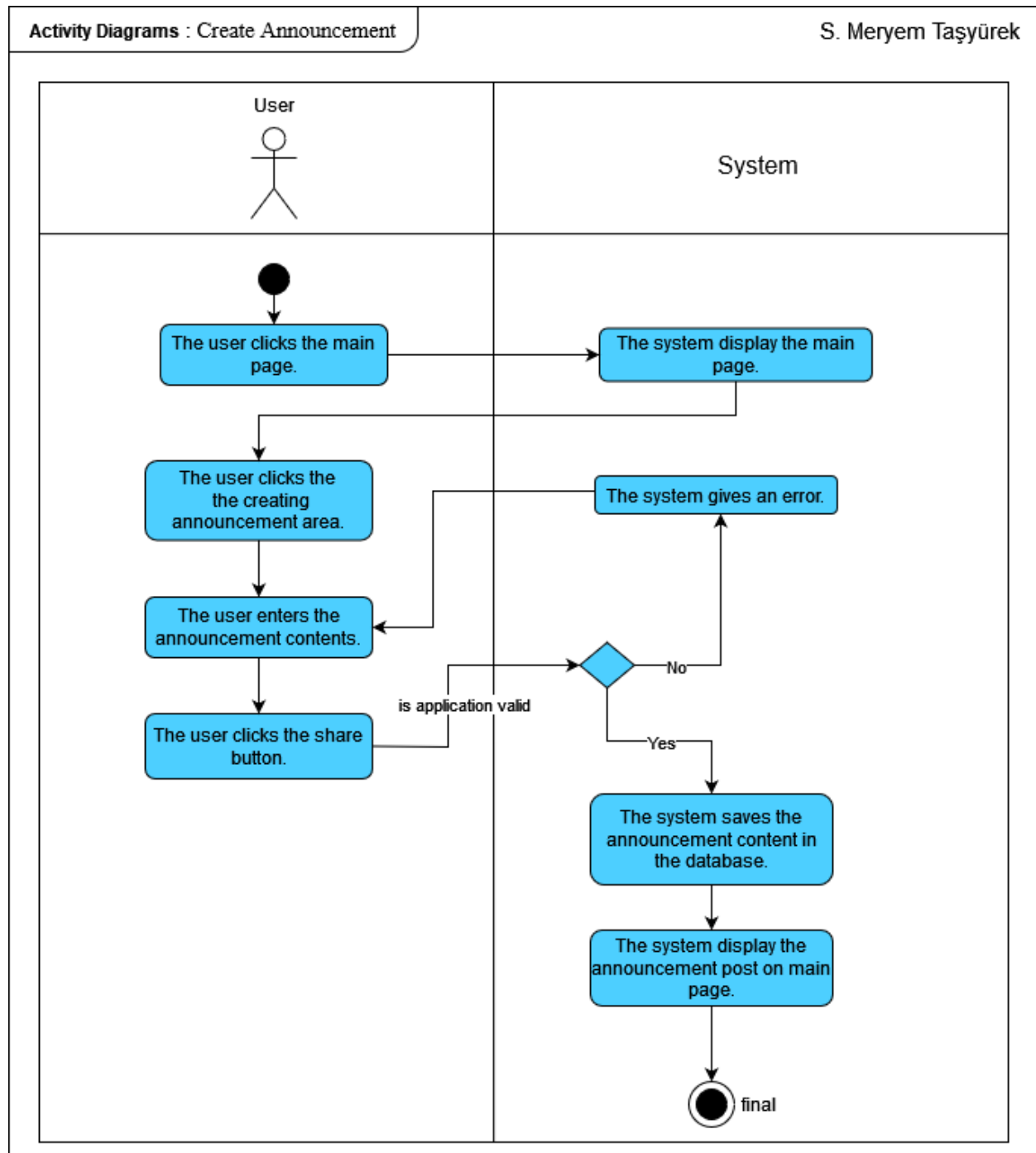
Actor(s):	Students, Academicians, Graduates
Short Definition:	The actor can follow a user.
Pre-condition:	There must be a user to follow.
Post-condition:	The actor follows the user, and the post and announcement of the following user is shown on the main page.
Priority:	High
Frequency of Occurrence:	Sometimes
Main Path:	1. The actor views a profile. 2. The actor clicks the following button. 3. The actor follows the person.
Alternative Path:	
Containing Use-Case(s)	Extends: Manage Profile
Special Requirements:	
Assumptions:	
Note:	

Activity Diagrams

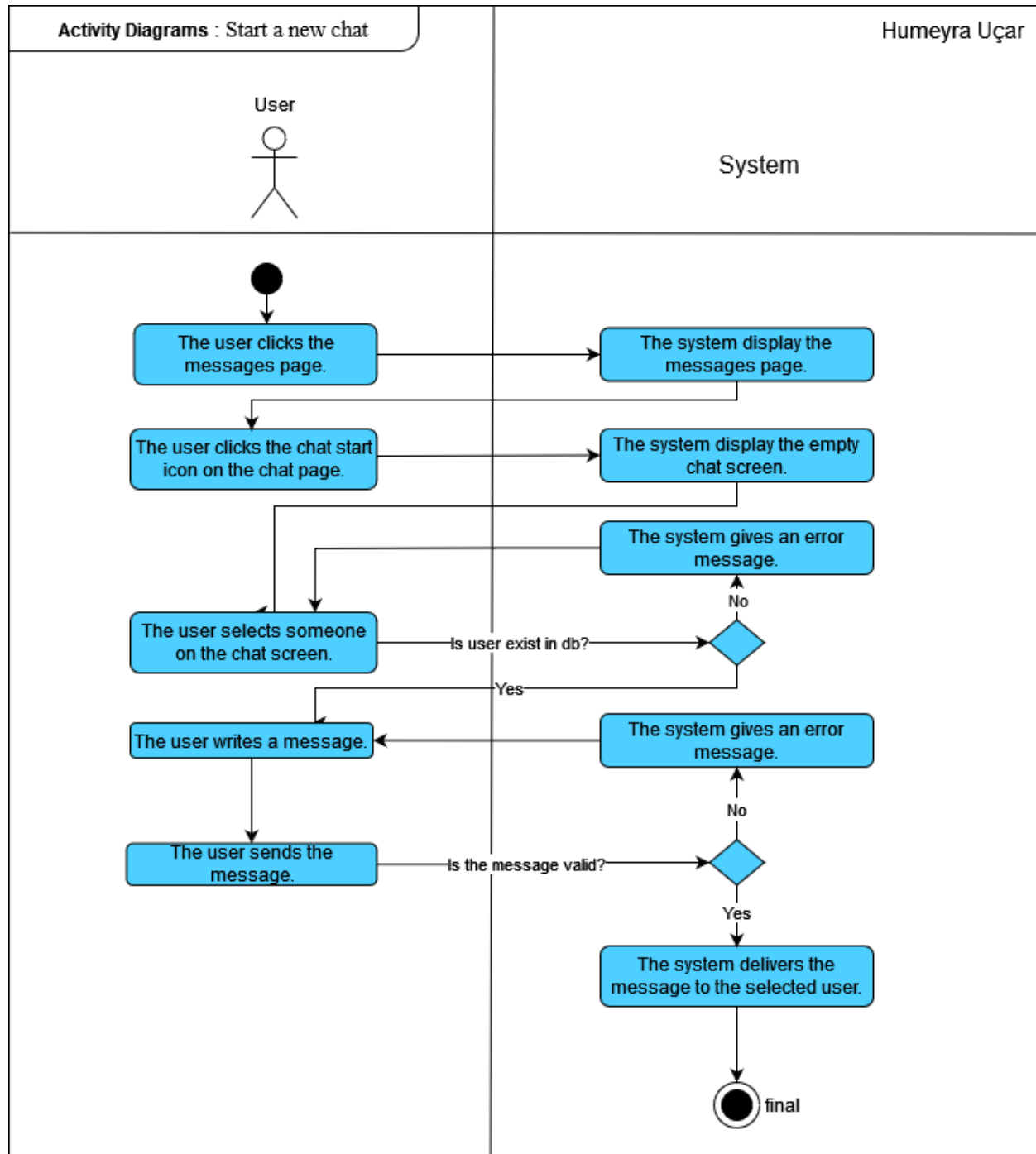
Activity Diagram: Create Advertisement (UC19)



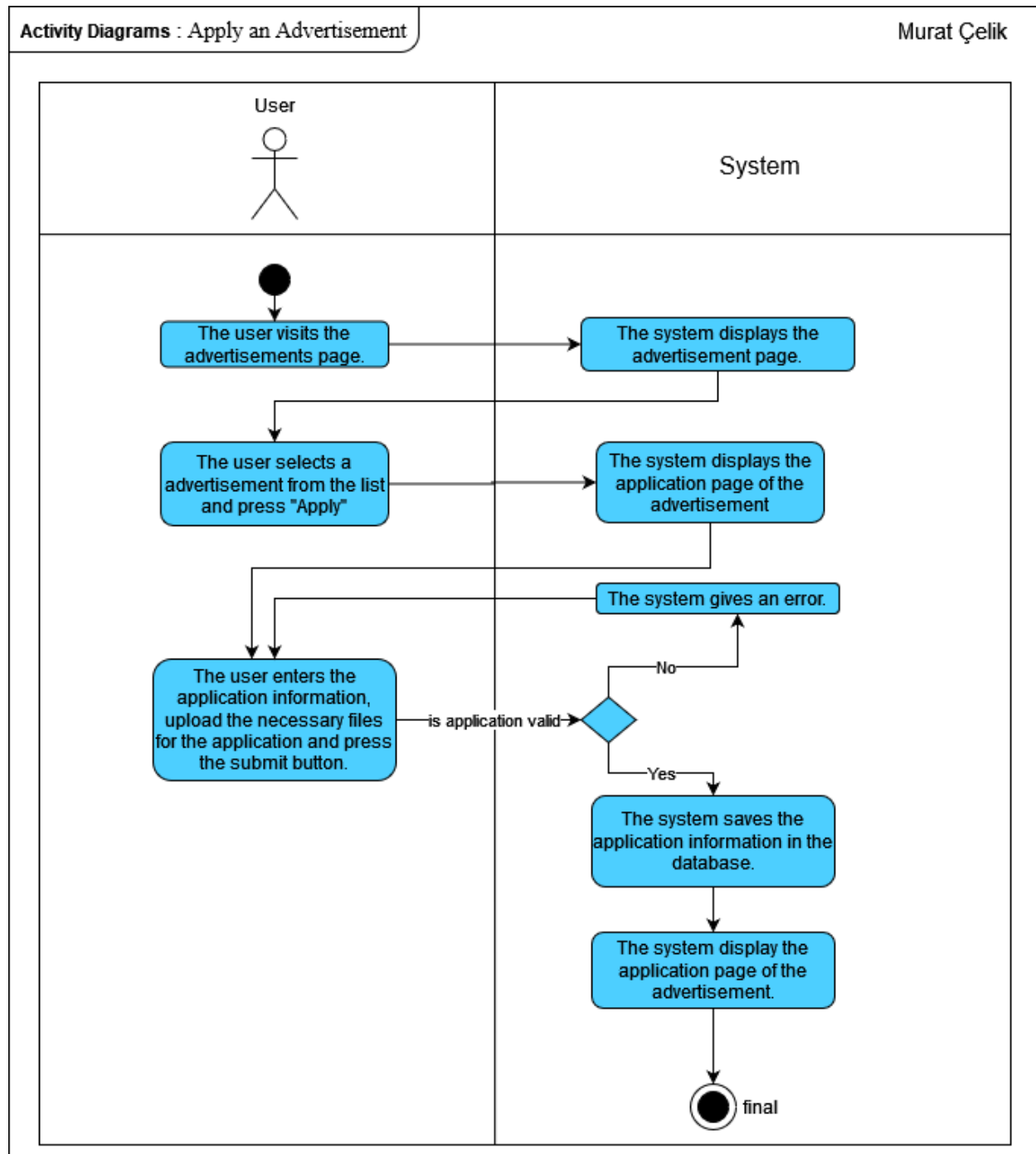
Activity Diagram: Create Announcement (UC16)



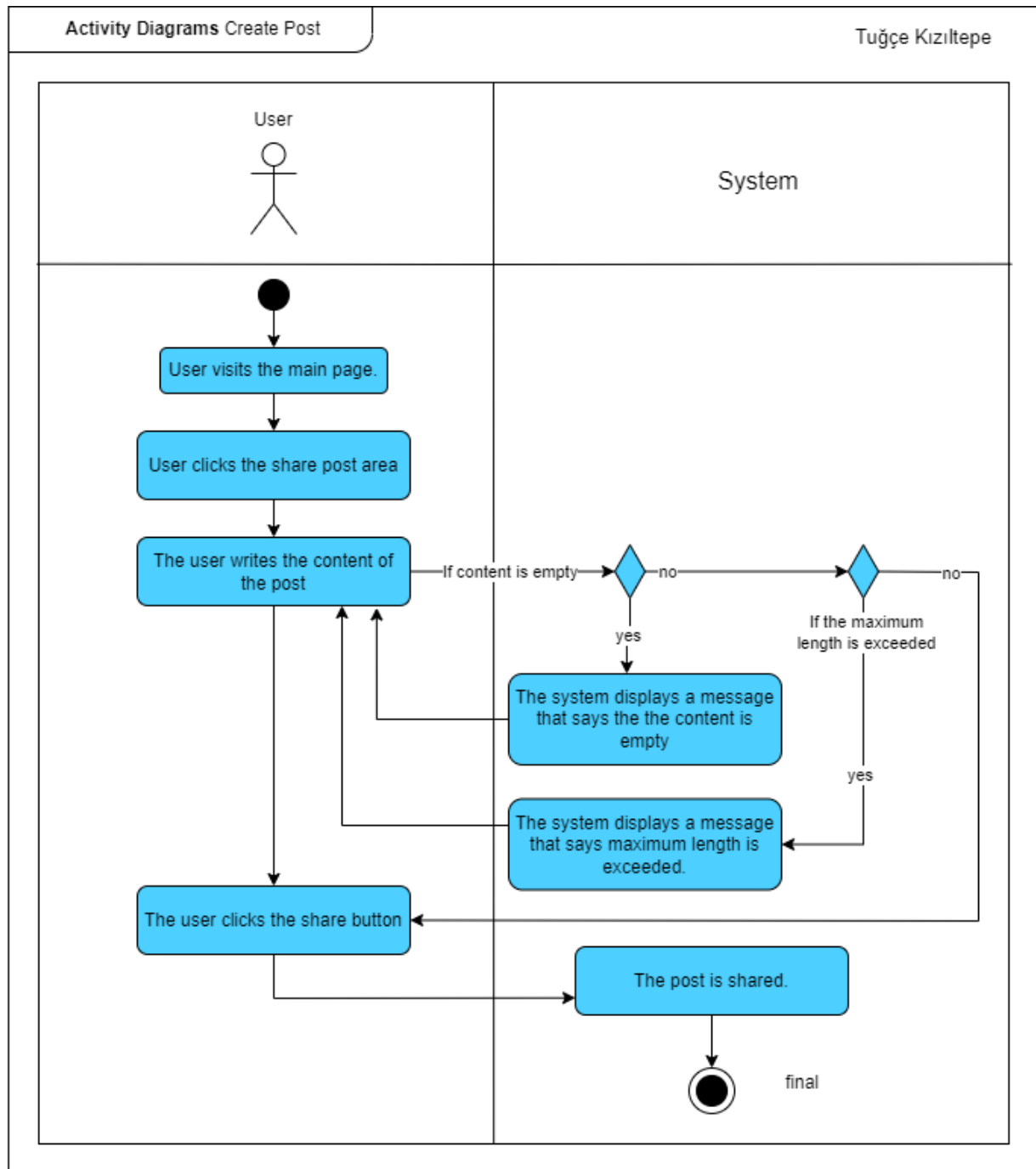
Activity Diagram: Start a new Chat (UC29)



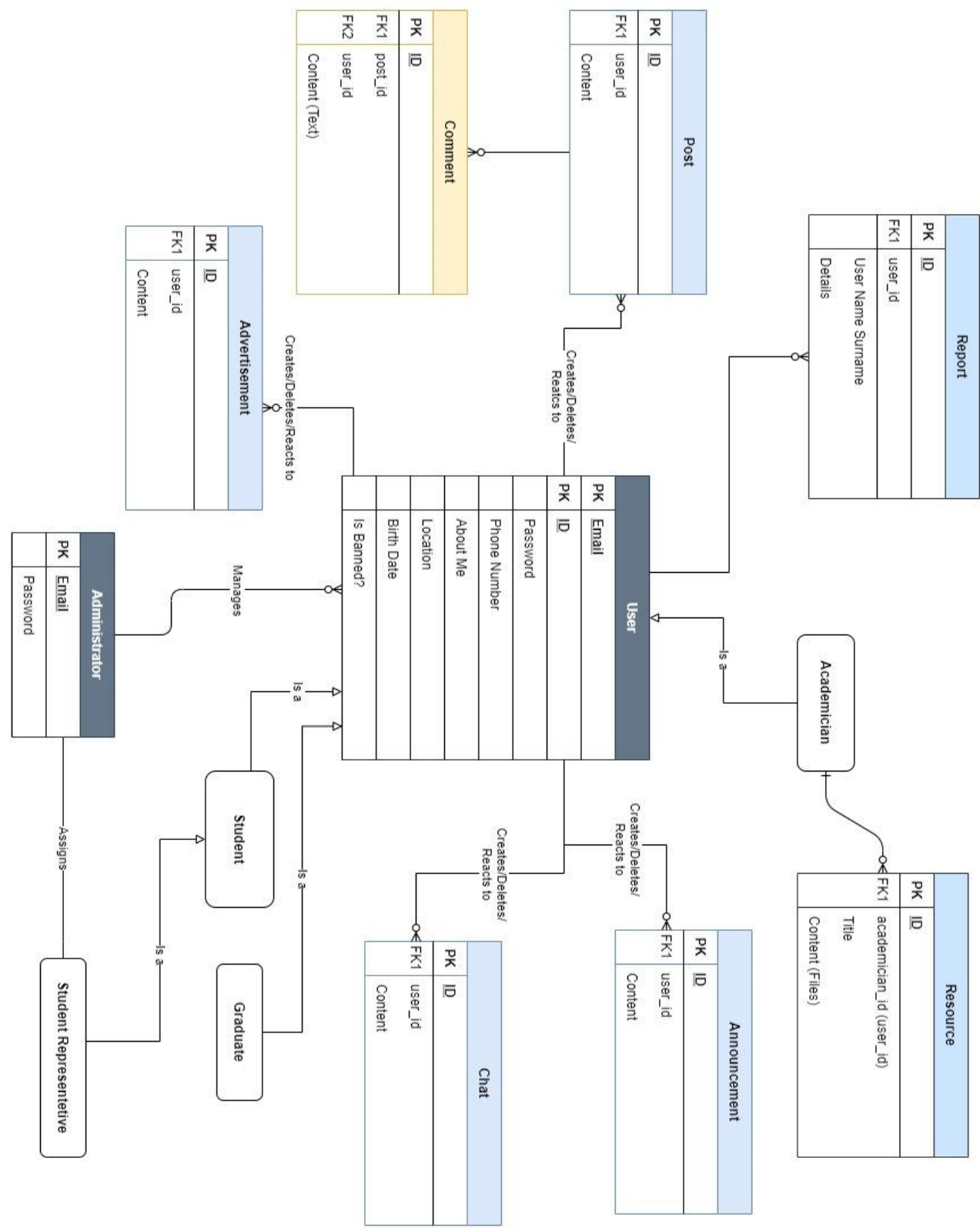
Activity Diagram: Apply an Advertisement (UC22)



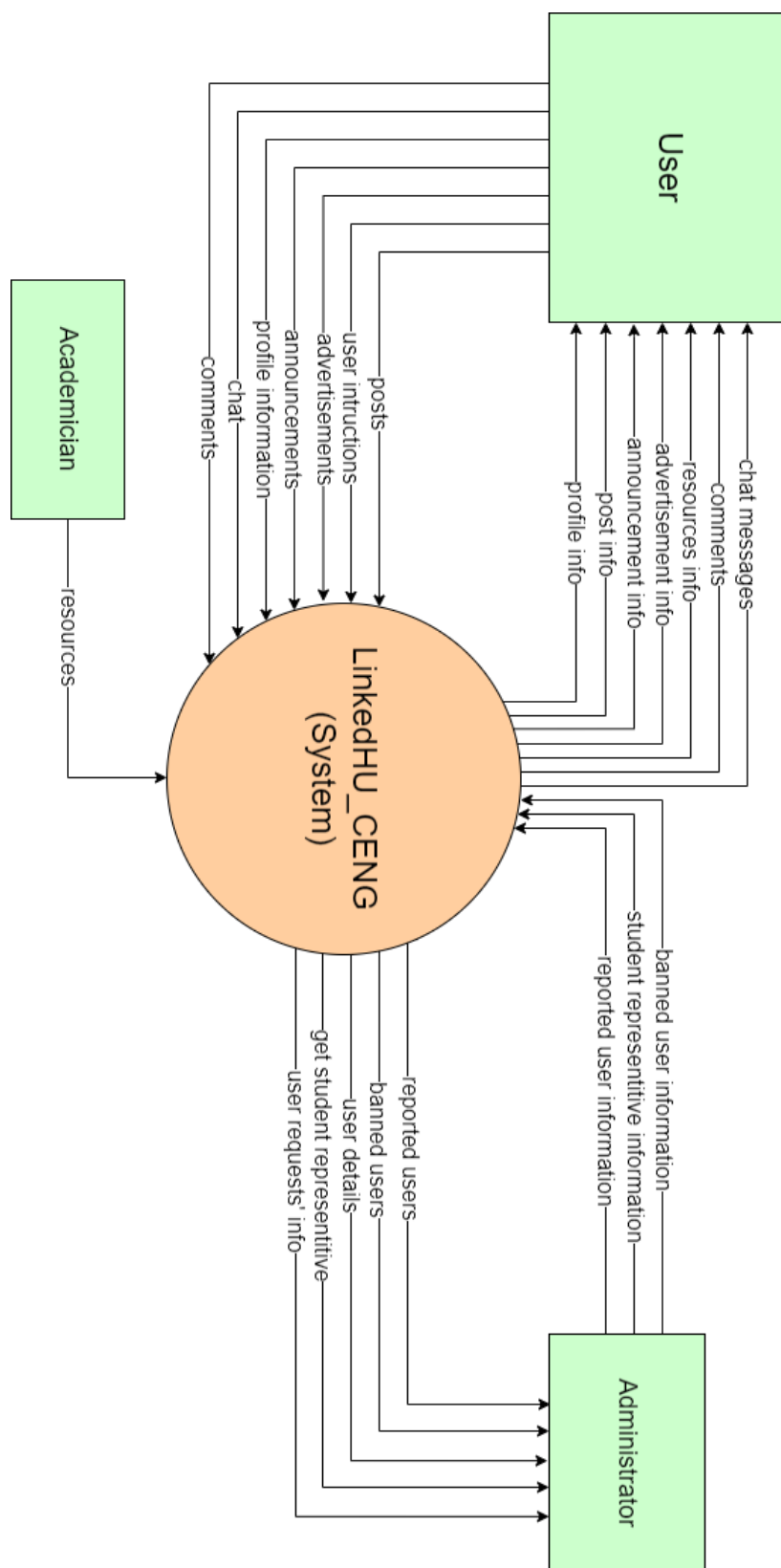
Activity Diagram: Create Post (UC13)



E-R Diagram



Context Diagram



Distribution of Tasks

All use cases are determined together (with Sümeyye Meryem Taşyürek, Murat Çelik, Humeyra Uçar, Tuğçe Kızıltepe and Mert Doğramacı) in the meetings, because determining the use cases affects the whole project and DEL2 documents. Everyone in the team shared his/her ideas at the first design step. Then, most of them are written with details by Mert Doğramacı. Mert Doğramacı as a “Software Architect” has determined the details of the use cases. You can see the detailed distribution by looking at the “Depicter” and “Last Modificatory” areas of each table. Still, the main control of this entire document is on Mert Doğramacı.