TC1 - Sign up:

Description: System creates an account with the information taken from the user when user signs up
Pre-conditions: The user should not have registered to the system.
Post-conditions: The administrator has been informed about the new registered user.
Data required: 1. The user registers with the correct entry
2. The user does not enter cs-hacettepe mail.
3. The user enters missing information.
4. The user enters an email or a phone number that is already taken.
5. The user enters invalid information.

TC2 - Log in:

Description: The user can sign in with their email and password.
Pre-conditions: The user must have been signed up to the system.
Post-conditions: The user signed in to the system.
Data required: 1. The user enters correct information.
2. The user enters invalid email.
3. The user enters an email that exists in the system, but the password does not match with the email.
4. The user enters an email that is not registered yet.
5. The user does not fill in the required information.

TC3 - Forgot Password:

Description: The administrator sends a new password to the user who forgot his/her password.
Pre-conditions: 1. The users must be signed in.
2. The user must have forgotten the password.
Post-conditions: The administrator must have sent a password to the user's email.
Data required: 1. The user who forgot the password enters his/her correct email.
2. The user who forgot the password enters his/her email incorrectly.
3. The user who forgot the password enters a non-existent email.

TC4 - Manage Profile:

Description: The actor views, updates, information in his/her profile and sends delete profile requests.
Pre-conditions: The users must be signed in.
Post-conditions: The actor can select one of the options to manage his/her account.
Data required: 1. The profile to be managed

TC5 - View Profile:

Description: The user can view the user's account.
Pre-conditions: The users must be signed in.

Post-conditions: The user's account must be viewed.
Data required: 1. User's own profile.
                 2. Another user's profile.
                 3. Another user's profile and this profile belongs to an academician.

TC6 - Update Profile:

Description: The user updates informations in his/her profile
Pre-conditions: The users must be signed in.
Post-conditions: The profile should be updated immediately
Data required: 1. The user enters valid information.
                 2. The user invalid information.
                 3. The user enters missing information.

TC7 - Delete Account:

Description: The user makes a delete account request to the administrator, and the administrator deletes the account.
Pre-conditions: The users must be signed in.
Post-conditions: The user's account must be deleted.
Data required: 1. An account to be deleted

TC8 - Add Resources:

Description: The actor can add resources and the actor creates a file on the system.
Pre-conditions: The users must be signed in.
Post-conditions: The user's account must be deleted.
Data required: 1. The user adds resources by selecting files and entering the title.
                 2. The user enters missing information either files or the title

TC9 - Delete Resources:

Description: The user can delete resources.
Pre-conditions: The users must be signed in.
Post-conditions: The actor deletes resources.
Data required: 1. A resource to be deleted.

TC10 - View Resources:

Description: The actor can view resources and this is a read operation.
Pre-conditions: The users must be signed in.
Post-conditions: The actor views resources of any academician
Data required: 1. A resource to be viewed.

TC11 - Merge Emails:
Description: Merges a user's emails to a specific email address and adds a new user's email into it
Pre-conditions: The users must be signed in.
Post-conditions: Emails must be merged
Data required: 1. The user sends a valid email
2. The user sends an invalid email.

TC12 - Search:
Description: Search users. Also, this use case includes both creating search events and reading results.
Pre-conditions: The users must be signed in.
Post-conditions:The actor views the results
Data required: 1. The user enters a key that matches with any user.
2. The user enters a key that does not match with any user.

TC13 - Create Post:
Description: The user can creates posts to share something
Pre-conditions: 1. The users must be signed in.
2. Actor must be on the "Main Page"
Post-conditions: The post must be created and the user can see it on the "Main Page"
Data required: 1. A content that does not exceed maximum length.
2. Blank content in the post.
3. A content that exceeds maximum length.

TC14 - Update Post:
Description: Actor can updates their posts
Pre-conditions: 1. The users must be signed in.
2. The post chosen by the actor must have been shared beforehand.
Post-conditions: The post must be updated and the actor can see it on the "Main Page"
Data required: 1. Any content to be changed in the post. The attachment cannot be updated.
2. Blank content. The user tries to delete all the content(text) in the post.

TC15 - Delete Post:
Description: Users can delete their post
Pre-conditions: 1. The users must be signed in.
2. The post chosen by the actor must have been shared beforehand.
Post-conditions: The post must be deleted.

Data required: 1. Post to be deleted.

TC16 - Create Announcement:

Description: The user can creates an announcement
Pre-conditions: 1. The users must be signed in.
                 2. Actor must be on the "Main Page"
Post-conditions: The announcement be created and the actor can see it on the "Main Page"
Data required: 1. A content that does not exceed maximum length.
                 2. Blank content
                 3. A content that exceeds maximum length.

TC17 - Update Announcement:

Description: The user can update an announcement
Pre-conditions: 1. The users must be signed in.
                 2.The announcement chosen by the actor must have been shared beforehand.
Post-conditions: The announcement must be updated and the actor can see it on the "Main Page"
Data required: 1. An announcement content to be updated.
                 2. Content is changed to a blank content.

TC18 - Delete Announcement:

Description: The user can delete resources.
Pre-conditions: 1. The users must be signed in.
                 2. The announcement chosen by the actor must have been shared beforehand.
Post-conditions: The announcement must be deleted
Data required: 1. An announcement to be deleted.

TC19 - Create Advertisement:

Description: The user can create an advertisement.
Pre-conditions: 1. The users must be signed in.
                 2. Actor must be on the "Advertisement Page"
Post-conditions:The advertisement is displayed on the advertisement page.
Data required: 1. A summary of the advertisement, company name, title and the address.
                 2. Missing information about the advertisement.

TC20 - Update Own Advertisement:

Description: The user can update own advertisements.
Pre-conditions: 1. The users must be signed in.
                 2. The advertisement chosen by the actor must have been shared beforehand.

Post-conditions: The advertisement must be updated
Data required: 1. The user changes an advertisement by changing the information about it.
                  2. Missing information while updating the advertisement.

TC21 - Delete Own Advertisement:
Description: The user can delete own advertisements.
Pre-conditions: 1. The users must be signed in.
                 2. The advertisement chosen by the actor must have been shared beforehand.
Post-conditions: The advertisement must be deleted
Data required: 1. An advertisement to be deleted.

TC22 - Apply an Advertisement:
Description: The actor can apply to an advertisement. This event produces an advertisement application on the system.
Pre-conditions: 1. The users must be signed in.
                 2. The advertisement chosen by the actor must have been shared beforehand.
Post-conditions: The actor has applied for an advertisement.
Data required: 1. Name, surname, email, phone number, resume, certificates.
                  2. The user fills the form with missing information. (certificates can be empty.)
                  3. Upload the resume or certificates with different than permitted formats.

TC23 - Get Applicants' Details:
Description: View applicants' details who apply for an advertisement. This use case includes read operation.
Pre-conditions: 1. The users must be signed in.
                 2. The advertisement created by the actor must have been shared beforehand.
Post-conditions: The advertiser sees the applicant's details.
Data required: 1. An advertisement to download applicant's details.

TC24- Share the Post Link:
Description: The users can copy the link of the post.
Pre-conditions: 1. The users must be signed in.
                 2. The post must exist.
Post-conditions: The users copy the link of the post.
Data required: 1. Post link to be copied.

TC25 - Get User Details:
Description: Get user details which are personal information and view it. This use case includes the read operation.
Pre-conditions: 1. The users must be signed in.
                 2. The user must exist.

<u>Post-conditions</u>: The administrator gets user details.
<u>Data required</u>:   1. Existing user name and surname to get user details.
2. Nonexistent user name and surname to get user details.
3. Invalid name and surname.

TC26 - Export User Details:
<u>Description</u>: The administrator can save user details as Excel files.
<u>Pre-conditions</u>: 1. The users must be signed in.
2. The administrator got the user details.
<u>Post-conditions</u>: The administrator saves the user details as Excel files.
<u>Data required</u>:   1. User details that we got in TC25

TC27 - Ban Users:
<u>Description</u>: The administrator controls the code of conduct.
<u>Pre-conditions</u>: The administrator must be logged in.
<u>Post-conditions</u>: The user is banned.
<u>Data required</u>:   1. Existing name and surname of the user.
2. Nonexistent names and surnames.
3. Incorrect search name and surname keys.

TC28 - Assign Student Representative:
<u>Description</u>: The selected student is determined as the student representative.
<u>Pre-conditions</u>: 1. The administrator must be signed in.
2. A student should be selected by the department.
<u>Post-conditions</u>: The student representative role must be assigned to selected students.
<u>Data required</u>:   1. Correct name and surname of student representative
2. Nonexistent name and surname
3. Incorrect name and surname

TC29 - Start a New Chat:
<u>Description</u>: The user starts a conversation with someone.
<u>Pre-conditions</u>: 1. The users must be signed in.
2. The user must not have previously chatted with the person to start a chat with.
<u>Post-conditions</u>: The actor started a conversation with someone
<u>Data required</u>:   1. Name and surname of the user to be chatted. The message is not empty.
2. Non-existent name of the user.
3. Incorrect name of the user.
4. New chat with an existing user, but the message content is empty.

TC30 - Continue a Chat:
Description: The user can continue a conversation with someone.
Pre-conditions: 1. The users must be signed in.
              2. There must be a chat to be continued.
Post-conditions: The user continues a chat.
Data required: 1. Message to be sent.

TC31 - Delete Chat:
Description: The actor deletes one of his/her chats
Pre-conditions: 1. The users must be signed in.
              2. There must be a chat to be deleted.
Post-conditions: The user deleted one of their chats from the panel.
Data required: 1. Chat between two users.

TC32 - Make a Comment:
Description: The actor can make a comment on a post. This use case includes create operations.
Pre-conditions: 1. The users must be signed in.
              2. There must be a post to be commented on.
Post-conditions: The actor must make a comment.
Data required: 1. A comment does not exceed the maximum length.
              2. Blank comment
              3. A comment that exceeds maximum length.

TC33 - Delete a Comment:
Description: The actor can delete a comment on a post.
Pre-conditions: 1. The users must be signed in.
              2. There must be a comment to be deleted.
Post-conditions: The actor must delete the comment.
Data required: 1. A comment to be deleted.

TC34 - Report Content:
Description: The actor can report users.
Pre-conditions: 1. The users must be signed in.
              2. There must be a user to be reported.
Post-conditions:The actor reports a user.
Data required: 1. The user reports a user by filling the report form with correct information. (Name, surname and text)
              2. Report with nonexistent user.
              3. Report with incorrect information.

TC35 - Follow a User:

Description: The user can follow a user.
Pre-conditions: 1. The users must be signed in.
                    2. There must be a user to follow
Post-conditions: The actor follows the user, and the post and announcement of the following user is shown on the main page.
Data required: 1. A user to be followed.

Distribution of Tasks:

This document was prepared by Software Tester (Tuğçe Kızıltepe) with contributions from the entire team.