

USE CASE: CREATE UNIVERSITY SOCIAL MEDIA ACCOUNT

Use Case ID: UC-01

Use Case Name: Create Account

Primary Actor: Student

Supporting Actors:

- **System** (handles validations, email verification and database operations)
- **Admin** (verifies uploaded student documents and approves accounts)

PRECONDITIONS

- The student must have a valid university email address.
- The student must possess a valid student certificate or enrollment document.
- The platform's registration system must be online and accessible.

POSTCONDITIONS

- A verified student account is created in the system.
- The student can log in using their username and password.

MAIN FLOW

1. The student selects **"Create New Account"** on the platform.
2. The system displays the registration form with required fields:
 - Username
 - Password
 - Full Name
 - National ID Number
 - Phone Number
 - University Email Address
 - Student Number
 - University
 - Department
 - Student Certificate (uploadable format)
 - Date of Birth
 - Profile Picture (uploadable format)
3. The student fills in all required information and uploads necessary documents.
4. The system performs validation for each field (mandatory fields, valid formats, etc.).
5. The system checks whether the **username** is unique.
6. The system evaluates the **password strength** (weak / strong) and provides guidance if needed.

7. The system sends a **verification code** to the student's **university email address**.
8. The student enters the verification code to confirm their email.
9. The student reads and accepts the **KVKK (Personal Data Protection Law) terms and conditions**.
10. The system stores all validated data in the database.
11. The admin reviews the uploaded **student certificate** to confirm authenticity.
12. Upon approval, the system automatically sends a confirmation SMS to the student:
"Your membership has been approved."
13. The student can now log in to the social media platform using their username and password.

ALTERNATIVE FLOWS

A1 – Invalid or missing fields

- If any required field is left empty, the system displays a red warning message above that field:
"Please fill in this information."

A2 – Username already taken

- The system notifies the student that the chosen username is unavailable and prompts them to select another one.

A3 – Invalid email or verification code

- If the entered verification code is incorrect or expired, the system prompts the user to request a new one.

A4 – Student certificate not approved by admin

- If the admin rejects the uploaded document, the system sends an SMS and email notification to the student:
"Your document could not be verified. Please upload a valid student certificate."

BUSINESS RULES

- The system must only accept email addresses ending with the university's domain (e.g. @university.edu.tr).
- Passwords must meet minimum security requirements (e.g. at least 8 characters, one uppercase, one number).
- Uploaded documents and profile images must be in allowed file formats (e.g. PDF, JPG, PNG).