University Alumni-Student Interaction Web Application

Actor Overview

This web application is designed to facilitate structured and secure interaction between **students**, **alumni**, and **administrators** at the University of Colombo (UOC). The focus is on mentorship, financial and physical aid, networking, and collaborative knowledge sharing. This document contains the comprehensive description of all functionalities for the **Student**, **Alumni**, and **Admin** actors, with detailed feature breakdowns, use cases, and role-specific capabilities.

🎓 **Student Role**

🔑 **Login & Authentication**

- Students log in using their **University ID or university-issued email** (final method to be confirmed).

- Verification ensures only valid UOC students gain access.

👤 **Profile Management (Full CRUD)**

Students can:

- **Create** a profile by entering:

    - Full name

    - Department (e.g., UCSC, Arts)

    - Degree program

    - Current academic year

    - Age

    - Mobile number

    - Personal email

    - Profile photo

    - Personal bio/description (interests, goals, etc.)

- **Update** their profile information at any time.

- **Delete** their account if they wish to exit the platform.

❓ Aid Request System (Full CRUD)

Students can request support in the form of:

- **Financial aid** (e.g., tuition, living expenses)

- **Physical aid** (e.g., laptop, phone, books)

- **Accommodation** assistance

- **Mentorship** (career guidance, subject help)

Each aid request includes:

- Aid type

- Description of the need

- Optionally: targeting a **specific alumni group** (e.g., UCSC alumni only)

- Default routing to **all alumni groups** if no target is specified

Statuses:

- Aid request begins as **Pending**

- Once an alumnus accepts and fulfills the aid, it is marked as **Completed** (prevents overlap or double-aid)

Actions:

- Students can **update** request details before acceptance

- Students can **delete** the request anytime before acceptance

To Be Decided:

- Type of documentation needed to justify requests (e.g., income report for financial aid)

- Communication method with alumni post-acceptance (e.g., email, video meeting, in-person)

⭐ Post-Aid Feedback & Rating

- After receiving help or mentorship, the student can leave a **rating and written feedback** for the alumnus.

- This promotes transparency and quality engagement.

💬 **Discussion Forums (Full CRUD + File Sharing)**

- Students can:

    o **Create** posts asking questions (career, internships, academics)

    o **Comment** or reply to threads

    o **Edit** or **delete** their own contributions

    o **Download documents** shared by alumni (e.g., notes, templates, guides)

- Accessible to both students and alumni for mutual discussion

- Encourages open knowledge sharing and community-building

🔢 **Alumni Events & Webinars (Read + External Navigation)**

- Students can **view a list of upcoming alumni-organized events**:

    o Webinars, Q&A sessions, workshops, seminars

- Events are displayed in a **story-style format** similar to WhatsApp Status:

    o Short visual cards with title, time, and preview

- Clicking on the event redirects to the **external registration page**

- After the event:

    o Students may access recordings or notes (if made available)

🎓 **Alumni Role**

🔑 **Account Creation & Verification**

- Any **graduate of UOC** can create an alumni account.

- Must submit **valid Student ID (ST ID)** for verification.

- This ensures only authentic alumni are allowed access to students and the system.

🏢 **Alumni Department Registration**

- Alumni can request **membership in any department's alumni group** (e.g., UCSC, Arts, Science)

- Requests are subject to **admin approval**

- An alumnus can belong to multiple departments (e.g., a UCSC alumnus can join Arts alumni as well)

👤 Profile Management (Full CRUD)

Alumni can:

- **Create** and fill out their profile including:
  - Full name
  - Profile picture
  - Graduation year
  - GPA
  - Area(s) of expertise
  - Work/industry email
  - Mentoring availability (Yes/No toggle)
  - Departments they are associated with
- **Update** or change any details
- **Delete** their profile if needed

📉 Declaring Support Capabilities

- Alumni can list the kinds of help they are willing to provide:
  - Donate laptops, phones, books
  - Financial support (e.g., semester fees for selected students)
  - Mentorship or coaching
- This information is visible to students and helps them search for suitable alumni

📊 Receiving & Responding to Student Aid Requests

- When a student submits a request:
  - It is routed to all alumni **registered in the relevant department**
- Alumni can:
  - View details of the request

- o **Accept** the request (which marks it as Completed in the system)

- o **Reject** or ignore if they cannot help

To Be Decided:

- Communication method post-acceptance (email, video call, or physical meetup)

1️⃣ Event Publishing (Full CRUD)

Alumni can:

- **Create** posts for events (webinars, career talks, meetups, etc.)

- Include:

  - o Event title

  - o Date/time

  - o Description

  - o External link to register

- Events are published in the **story-style viewer**

- Alumni can **update** or **delete** events as needed

👨‍💼 Admin Role

🔑 User Account Management (Full CRUD)

- Admins can **approve or deny** student and alumni registration requests.

- Admins can **manually create** student or alumni users.

- Admins can **suspend or ban** users for inappropriate behavior.

- Admins can **flag** users for minor violations or warnings.

⚖️ Moderation of Content

- Admins moderate the platform by:

  - o Viewing and monitoring forum posts, aid requests, and event content.

  - o Editing or deleting inappropriate or false content.

  - o Restoring deleted content when necessary.

🔢 Event Calendar Management

- Admins **compile and manage the event calendar** using event data submitted by alumni.

- Maintain a centralized and organized schedule of departmental and university-wide events.

📢 Global Announcements (Full CRUD)

- Admins can:

  - **Create** platform-wide announcements or news bulletins.

  - **Edit**, update, or delete outdated announcements.

➕ Aid Type Management

- Admins can **add new aid categories** to the system (e.g., internet aid, travel support).

- Modify or remove existing aid types to adapt to student needs.