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| --- | --- |
| ID / Name | UC-01 - Register |
| Goal | Allow new users (Alumni or Students) to register. |
| Initiator | User |
| Preconditions | - User is not registered. |
| Postconditions | - User account created.  - Verification email sent (if alumni). |
| Main Success Scenario | 1. User provides username, password, and selects role.  2. System sends verification email.  3. User verifies account.  4. System activates the account. |
| Alternative Scenario: | 1.User provides a username that is already registered.  2.System displays an error message: "username already in use." |

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## UC-02 - Login

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| Goal | Allow registered users to log into the system. |
| Initiator | User |
| Preconditions | - User must be registered. |
| Postconditions | - Role-based access granted. |
| Main Success Scenario | 1. User enters username and password.  2. System authenticates and logs in user.  3. Triggers [Included] UC-02.1 - Grant Role-Based Access. |
| Unsuccessful Scenario: | 1.User enters incorrect credentials.  2.System displays: "Invalid username or password." |

## UC-02.1 [included] - Grant Role-Based Access

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| Goal | Provide role-specific access after login. |
| Initiator | System |
| Preconditions | - User is logged in. |
| Postconditions | - Dashboard displayed based on role. |
| Main Success Scenario | 1. System checks the user role. 2. Displays role-specific Views. |

## UC-03 - Change Credentials

|  |  |
| --- | --- |
| Goal | Allow users to change their login credentials. |
| Initiator | User |
| Preconditions | - User is logged in. |
| Postconditions | - New credentials saved. |
| Main Success Scenario | 1. User navigates to settings.  2. Enters new credentials.  3. System verifies and updates credentials. |
| Unsuccessful Scenario: | 1.User enters a not unique username  2.System rejects it and displays “Username already taken.” |

## UC-04 - Verify Alumni

|  |  |
| --- | --- |
| Goal | Faculty verifies alumni credentials. |
| Initiator | Faculty Staff |
| Preconditions | - User role is Alumni. |
| Postconditions | - Alumni are marked as verified. |
| Main Success Scenario | 1. Faculty reviews submitted alumni credentials.  2. Marks alumni as verified.  3. Notifies alumni. |
| Alternative Scenario: | 1.Faculty Staff finds fault in the credentials of the Alumni.  2.Restricts access to the Alumni. |

## UC-05 - Create SuperUser

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| --- | --- |
| Goal | Admin creates faculty or admin accounts. |
| Initiator | Admin |
| Preconditions | - Admin logged in. |
| Postconditions | - New superuser account created. |
| Main Success Scenario | 1. Admin opens user panel.  2. Enters new user details.  3. Saves the new account. |
| Unsuccessful Scenario: | 1.Admin enters a duplicate username.  2.System displays: "Username already exists." |

## UC-06 - Serve as a Mentor

|  |  |
| --- | --- |
| Goal | Allow alumni to opt in as mentors. |
| Initiator | Alumni |
| Preconditions | - Alumni logged in and verified. |
| Postconditions | - Alumni marked as mentor. |
| Main Success Scenario | 1. Alumni selects 'Become a Mentor'.  2. Triggers [Included] UC-06.1 - Choose Field of Study. |
| Unsuccessful Scenario: | 1.Alumni is not verified.  2.System blocks the action and displays "Verification required." |

## UC-06.1 [included] - Choose Field of Study

|  |  |
| --- | --- |
| Goal | Record mentor's expertise area. |
| Initiator | Alumni |
| Preconditions | - Alumni is opting in as mentor. |
| Postconditions | - Expertise recorded. |
| Main Success Scenario | 1. System displays expertise options.  2. Alumni selects up to 5.  3. System validates and saves expertise. |

## UC-07 - Choose Mentor

|  |  |
| --- | --- |
| Goal | Allow students to request mentorship. |
| Initiator | Student |
| Preconditions | - Student logged in.  - Mentors available with matching expertise. |
| Postconditions | - Request sent to mentor. |
| Main Success Scenario | 1. Student accesses mentor list.  2. Filters based on interest.  3. Selects a mentor and sends a request. |
| Unsuccessful Scenario: | No mentors match the student's interests.  System displays: "No mentors available." |

## UC-08 - View Donation History

|  |  |
| --- | --- |
| Goal | Allow alumni to view their donations. |
| Initiator | Alumni |
| Preconditions | - Alumni logged in. |
| Postconditions | - Donations listed. |
| Main Success Scenario | 1. Alumni selects 'My Donations'.  2. System displays all past contributions. |

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## UC-09 - Donate and Select Cause

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| --- | --- |
| Goal | Enable alumni to donate and choose a cause. |
| Initiator | Alumni |
| Preconditions | - Alumni logged in.  - Valid payment method. |
| Postconditions | - Donation processed and recorded. |
| Main Success Scenario | 1. Alumni chooses donation cause.  2. Selects amount and payment method.  3. Triggers [Extend] UC-09.1 or UC-09.2 depending on method. |
| Alternative Scenario: | 1.Alumni saves the donation as a draft.  2.System stores the draft for later completion.  3.Unsuccessful Scenario:  4.Payment method fails (e.g., expired card).  5.System cancels the donation: "Payment failed." |

## UC-09.1 [extend] - Process donation via Paypal

|  |  |
| --- | --- |
| Goal | Handle PayPal donation. |
| Initiator | Alumni |
| Preconditions | - PayPal selected. |
| Postconditions | - Payment confirmed. |
| Main Success Scenario | 1. Redirects to PayPal.  2. Payment completed.  3. System records donation. |

## UC-09.2 [extend] - Process donation via Stripe

|  |  |
| --- | --- |
| Goal | Handle Stripe donation. |
| Initiator | Alumni |
| Preconditions | - Stripe selected. |
| Postconditions | - Payment confirmed. |
| Main Success Scenario | 1. User enters card details.  2. System processes and saves donation. |

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## UC-10 - Schedule New Event

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| --- | --- |
| Goal | Allow faculty staff to create new events. |
| Initiator | Faculty Staff |
| Preconditions | - Logged in. - Event details provided. |
| Postconditions | - Event created and published. |
| Main Success Scenario | 1. Staff chooses 'Schedule Event'.  2. Triggers [Included] UC-10.1 - Choose Name and Description. |
| Alternative Scenario: | Faculty saves the event as a draft.  System stores incomplete event details. |

## UC-10.1 [included] - Choose Name and Description for Event

|  |  |
| --- | --- |
| Goal | Enter event metadata. |
| Initiator | Faculty Staff |
| Preconditions | - Event creation in progress. |
| Postconditions | - Event named and described. |
| Main Success Scenario | 1. User inputs title and description.  2. System validates and saves inputs. |

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## UC-10.2[Extend] - Edit event

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| --- | --- |
| Goal | Allow faculty staff to Reschedule and edit events. |
| Initiator | Faculty Staff |
| Preconditions | - Logged in. - Event created and published. |
| Postconditions | - Event meets new criteria |
| Main Success Scenario | 1. Faculty staff selects "Edit Event" from the event management dashboard. ll 2. Displays editable event details. ll 3. Modify fields, reschedule dates, and update locations. ll 4. System Validation Checks for: Future date/time, no conflicts with other events, and required fields (title, description) not empty. l 5. Saves changes and updates event in the database. l 6. System triggers "Event Updated" notifications to registered participants. l 7. Displays "Event changes saved successfully" to staff. |
| Unsuccessful Scenario | 1. Staff attempts to reschedule to a past date or conflicting time slot. 2. System rejects changes with error: "Invalid date: Must be in the future" "Time conflict with [Event X]" 3. Returns to edit mode for corrections. |

## UC-11 - Sign Up in Event

|  |  |
| --- | --- |
| Goal | Allow alumni to register for an event. |
| Initiator | Alumni |
| Preconditions | - Logged in.  - Event exists. |
| Postconditions | - Registration confirmed. |
| Main Success Scenario | 1. Alumni selects event.  2. Clicks ‘Sign up’.  3. Confirmation sent. |
| Alternative Scenario: | 1.Alumni cancels registration before the event.  2.System removes their name from the participant list.  3.Unsuccessful Scenario:  4.Event is at full capacity.  5.System displays: "Event is full." |

## UC-12 - Send Notification to Alumni

|  |  |
| --- | --- |
| Goal | Notify alumni of scheduled events. |
| Initiator | System |
| Preconditions | - Event is created. |
| Postconditions | - Notifications sent. |
| Main Success Scenario | 1. System sends email/in-app notifications to target group. |

## UC-13 - Draft New Newsletter

|  |  |
| --- | --- |
| Goal | Allow staff to create newsletter content. |
| Initiator | Faculty Staff |
| Preconditions | - Logged in.  - Permissions granted. |
| Postconditions | - Newsletter draft saved. |
| Main Success Scenario | 1. Opens newsletter module.  2. Enters content and saves draft. |

## UC-14 [excluded] - Publish Newsletter

|  |  |
| --- | --- |
| Goal | Publish newsletters to users. |
| Initiator | System |
| Preconditions | - Draft exists. |
| Postconditions | - Newsletter published. |
| Main Success Scenario | 1. This feature is excluded in current scope. |

## UC-15 - Send Notification to Users

|  |  |
| --- | --- |
| Goal | Notify users about newsletters. |
| Initiator | System |
| Preconditions | - Newsletter exists. |
| Postconditions | - Notifications dispatched. |
| Main Success Scenario | 1. System sends email or app alerts. |

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## UC-16 - View Newsletter

|  |  |
| --- | --- |
| Goal | Allow users to view received newsletters. |
| Initiator | User |
| Preconditions | - Logged in.  - Newsletter published. |
| Postconditions | - Newsletter visible. |
| Main Success Scenario | 1. User opens newsletter module.  2. Reads content. |

## UC-17 - Add User Account

|  |  |
| --- | --- |
| Goal | Allow admin to create user accounts. |
| Initiator | Admin |
| Preconditions | - Admin privileges.  - Fields entered. |
| Postconditions | - Account added. |
| Main Success Scenario | 1. Admin opens Add User.  2. Fills required fields.  3. Submits account. |
| Alternative Scenario: | Unsuccessful Scenario:  -Required fields are left blank.  System rejects the submission: "Missing information."  -username is already taken.  System rejects the submission: “username is already taken” |

## UC-18 - View User Accounts

|  |  |
| --- | --- |
| Goal | Allow admin to browse user records. |
| Initiator | Admin |
| Preconditions | - Admin privileges. |
| Postconditions | - List of users shown with their username and role. |
| Main Success Scenario | 1. Opens Admin Panel. 2. Clickshow all users  3. System shows all users |

## UC-19 - Edit User Account

|  |  |
| --- | --- |
| Goal | Allow admin to modify user details. |
| Initiator | Admin |
| Preconditions | - Admin privileges  - User exists. |
| Postconditions | - Updated data saved. |
| Main Success Scenario | 1. Admin searches for a user.  2. Edits details.  3. Saves changes. |

## 

## UC-20 - Remove User Accounts

|  |  |
| --- | --- |
| Goal | Allow admin to delete a user. |
| Initiator | Admin |
| Preconditions | - User exists. |
| Postconditions | - User permanently removed. |
| Main Success Scenario | 1. Admin searches user. 2. Clicks delete. 3. Confirms deletion. |
| Unsuccessful Scenario: | 1.Admin tries to delete their own account.  2. System blocks the action: "Cannot delete your own account." |

## UC-21 - Generate Report on Alumni Donations

|  |  |
| --- | --- |
| Goal | Report on donations by alumni. |
| Initiator | Faculty Staff |
| Preconditions | - Logged in. |
| Postconditions | - Report ready. |
| Main Success Scenario | 1. Selects report type. 2. Views generated report. |

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## UC-22 - Generate Report on Alumni Events

|  |  |
| --- | --- |
| Goal | Event participation analytics. |
| Initiator | Faculty Staff |
| Preconditions | - Logged in. |
| Postconditions | - Report shown. |
| Main Success Scenario | 1. Chooses event report. 2. System compiles metrics. |

## UC-23 - View Event Participants

|  |  |
| --- | --- |
| Goal | List event attendees. |
| Initiator | Faculty Staff |
| Preconditions | - Event exists. |
| Postconditions | - Participant list shown. |
| Main Success Scenario | 1. Opens event module. 2. Clicks participants tab. |

## UC-24 - View Alumni Donations

|  |  |
| --- | --- |
| Goal | Faculty sees donation activity. |
| Initiator | Faculty Staff |
| Preconditions | - Logged in. |
| Postconditions | - Donation data displayed. |
| Main Success Scenario | 1. Selects donation report.  2. Filters by criteria. |