

MIU Alumni/Student Opportunity (MASO) Portal

Project Specification Document

Project Title: MIU Alumni-Student Opportunity (MASO) Portal

Overview:

The MIU Alumni-Student Opportunity Portal is a web-based networking and opportunity-sharing platform designed to connect alumni, current students, and university staff. Its purpose is to enhance career growth, foster mentorship, and strengthen alumni-student relationships through the sharing of job opportunities, events, and discussions.

Problem Statement:

Currently, students and alumni lack a unified platform to interact and support each other beyond graduation. Students often struggle to find job opportunities, professional advice, and alumni mentorship, while alumni may be seeking ways to give back or find talent. The absence of a verified, secure platform limits engagement. Hence, a secure, institution-linked web application is needed to bridge this gap.

Objectives:

- Enable secure onboarding of verified alumni, students, and staff.
- Allow alumni to post job opportunities and career-related events.
- Enable students and alumni to interact, share experiences, and request help.
- Create a reliable, secure portal for knowledge sharing and professional growth.
- Enable secure onboarding of verified students, alumni, and staff.
- Allow users to set professional preferences (e.g., programming languages, roles, tools).
- Deliver personalized job and event feeds based on these preferences.
- Facilitate interaction through one-level comment threads and likes on posts.

Use-Case Diagram

Here is a basic list of actors and use cases:

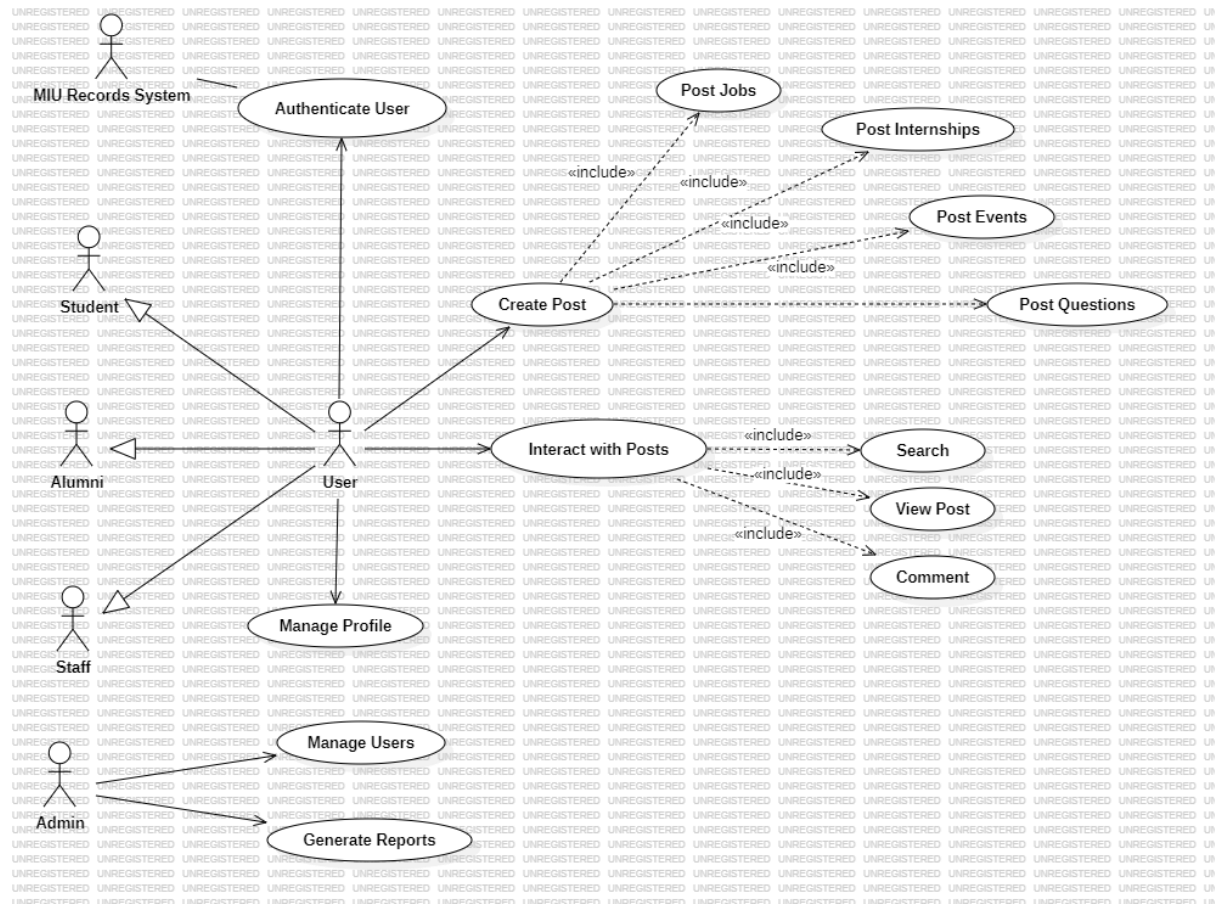
Actors:

- Student
- Alumni
- Staff
- System (Admin)

Use Cases:

- Register/Login (with validation from university system)
- Post Job/Internship
- Post Events (e.g., Job Fairs)

- Post Questions (Help/Advice)
- View and Comment on Posts
- Search Opportunities
- Update Profile
- Admin: Manage Users and Reports



User Stories

EPIC 1: User Onboarding & Identity Verification

- As a student, I want to register using my student email, so that the system can verify my identity.
- As an alumnus, I want to register using my student ID and school email and DOB, so that I can prove I graduated from the school.
- As a staff, I want to register using my staff ID to access relevant posts.

EPIC 2: Job & Event Posting

- As an alumnus/student, I want to post a job opportunity so that students can apply.
- As an alumnus/student, I want to post an event like a tech fair so others can attend.

EPIC 3: Help & Discussion Forum

- As a student, I want to post a career-related question to get guidance from alumni.
- As an alumnus, I want to reply to help students facing career difficulties.

EPIC 4: Engagement

- As a user, I want to search and filter posts (by type, date, relevance based on preference).
- As a user, I want to comment or like a post to interact with others.

User Story Map



View using the link: <https://whimsical.com/maso-user-story-map-Novy7vWTHdeVij7h1z38EQ>

Major User Stories with Acceptance Criteria

User Story 1: Student/Alumni Registration

As a student/alumnus,

I want to register using my student ID and verify via OTP to my school email, so that I can access the platform securely.

Acceptance Criteria:

- Must enter valid student/alumni email/ID and DOB.
- System sends OTP to registered university email.
- Must enter correct OTP within time limit.
- System confirms identity and completes profile.

Main Scenario (Flow):

1. User visits registration page.
2. Enters student ID/email and DOB.
3. System checks with university database.
4. Sends OTP to school email.
5. User enters OTP.
6. System verifies and logs user in.

User Story 2: Alumni Posts Job Opportunity

As an alumnus,

I want to post a job opening,
so that students can see and apply.

Acceptance Criteria:

- Must be logged in as alumni.
- Provide job title, company, description, location, deadline.
- Post is stored and visible on dashboard.
- Students can see and search jobs.

Main Scenario (Flow):

1. Alumni logs in.
2. Clicks on “Post Opportunity.”
3. Fills in job details.
4. Clicks “Submit.”
5. Post appears in “Opportunities” feed.

User Story 3: Post Help Request

As a student,

I want to post a challenge I’m facing at work or in career,
so that alumni can advise me.

Acceptance Criteria:

- Must be logged in.
- Must fill in post title and content.
- Posts show up in the Help Forum.
- Other users can reply and react.

Main Scenario (Flow):

1. Student logs in.
 2. Navigates to “Help Forum.”
 3. Clicks on “New Post.”
 4. Enters title and description.
 5. Submits post.
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User Story 4: Search and Filter Posts

As a user,

I want to search or filter posts by keywords or type, so I can find relevant opportunities or discussions.

Acceptance Criteria:

- Enter keywords into search box.
- Filter by post type: Job, Event, Discussion.
- Results show posts matching search.

Main Scenario (Flow):

1. User enters keywords in search box.
2. System returns matching posts.
3. User selects filters to narrow results.
- 4.

Context Diagram

