**Statement of Work (SOW)**

**Project Title: MU-UniConnect**

**Description:** Step inside, no need to roam, UniConnect – your campus home. A space to grow, a space to shine, where every voice and dream align.

**Date:** 05-02-25  
**Prepared By: Infinity 8 (Team of 8, Software Engineering Course, Mahindra University)**

**1. Introduction**

This Statement of Work (SOW) outlines the objectives, scope, deliverables, and responsibilities for the Comprehensive College Website Development project to be executed by **Infinity 8.** The project aims to design and develop a comprehensive website for colleges and universities to streamline information dissemination, facilitate engagement, and enhance the overall campus experience.

**2. Scope of Work**

**Project Description**

The platform will incorporate two main categories:

1. **Clubs and Events**
   * Unify and manage college clubs (e.g., Enigma, Airo, 8 Counts, Synolo, Qubit) and events like Aether and Tarang under one interface.
   * Provide real-time updates on events, social activities, competitions, and auditions.
   * Enable clubs to post recruitment opportunities and project requirements.
   * Integrate a conflict-detection calendar to avoid overlapping event schedules.
   * Showcase past events and accomplishments to foster community pride.

1. **College Information**
   * Provide an interactive college map indicating campus buildings and facilities.
   * Include lecturer profiles with office hours, ongoing projects, and office locations.
   * Facilitate hostel maintenance reporting with contact details for wardens and technicians.

**Key Activities:**

1. **Platform Design and Architecture**
   * Develop the website structure, database schema, and user interface designs.
2. **Development of Clubs and Events Module**
   * Create features for real-time event announcements, conflict-detection calendar, and club recruitment postings.
3. **Development of College Information Module**
   * implement an interactive campus map, lecturer profiles, and facilitate hostel maintenance Information.
4. **Testing & Quality Assurance:**

* Perform unit testing, integration testing, and user acceptance testing (UAT) for both modules.

1. **Deployment & Documentation:**

* Deploy the platform to a production environment.
* Provide user documentation, training materials, and support guidelines.

**3. Deliverables**

* **Website Design and Development**: A fully functional website with all features and functionalities as described in the project statement. (Due Date: April 14, 2025)
* **Testing and Quality Assurance**: A comprehensive testing report ensuring the website meets the required standards. (Due Date: April 30, 2025)
* **Deployment and Training**: A successfully deployed website with training provided to stakeholders. (Due Date: May 12, 2025)
* **Documentation**: A comprehensive documentation of the website's features, functionalities, and maintenance requirements. (Due Date: May 15, 2025)

**4. Timeline and Milestones**

| **Milestone** | **Description** | **Due Date** |
| --- | --- | --- |
| Project Kick-off | Initial project meeting | January 31, 2025 |
| Design Completion | Completion of website design | February 22, 2025 |
| Development Completion | Completion of website development | April 14, 2025 |
| Testing and QA | Completion of testing and quality assurance | April 30, 2025 |
| Deployment and Training | Deployment and training completion | May 12, 2025 |
| Final Delivery | Submission of all deliverables | May 19, 2025 |

**5. Roles and Responsibilities**

**Team Members:**

1. **Guru Charan Reddy, Aditya Bhonagiri -- UI/UX Designer (2):**
   * Create wireframes, prototypes, and design interfaces for both modules.
2. **Parthiv Reddy, Aditya Vardhan, Harshith -- Front-End Developers (3):**
   * Develop responsive and interactive interfaces for user modules.
3. **Lakshmi Reddy, Jugal Kishore Reddy -- Back-End Developers and Quality Assurance (2):**
   * Build server-side functionalities, database integration, and ensure secure data management.
4. **Jaithra Sathwik -- Content Acquirement and Documentation Lead:**
   * Prepare user documentation, training materials, and maintain project records.

**Client Contact:**

* **Software Engineering Course, Mahindra University:**
  + Provide project requirements, feedback, and final approval of deliverables.

**6. Assumptions and Constraints**

**Assumptions:**

* All required resources (technical, human, and content) will be available as scheduled.
* Stakeholders (students, faculty, administration) will provide timely feedback during requirements gathering and testing phases.
* The platform will be hosted on an approved university server or cloud service that meets security and performance standards.

**Constraints:**

* The project must adhere to the college’s IT policies and data protection guidelines.
* Academic deadlines and exams limit development timelines.
* Timeline constraints require prompt decision-making during the design and development phases to avoid delays.
* Limited availability of subject matter experts for content validation could affect the completeness of the College Information module.