**Statement of Work (SOW)**

**Project Title:** A website that helps final year students apply for projects offered by MU faculty.  
**Date:** 07-02-2025  
**Prepared By:**

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**1. Introduction**

This Statement of Work (SOW) outlines the objectives, scope, deliverables, and responsibilities for the "**A website that helps final year students apply for projects offered by MU faculty.**" to be executed by **TEAM EUREKA**.

**2. Scope of Work**

* **Project Description:**

The project aims to develop a user-friendly web platform that enables final-year students at MU to explore and apply for capstone projects offered by faculty members. The website will streamline the application process, enhance transparency, and improve communication between students and faculty.

* **Objectives:**

1. Provide a centralized platform where faculty members can list available projects along with details such as prerequisites, objectives, and deadlines.
2. Allow students to browse projects, check eligibility, and submit applications online.
3. Enable faculty members to review applications, shortlist candidates, and finalize selections.
4. Allow students to monitor the status of their applications and receive feedback.

* **Key Activities:**

1. Identify the demand for the project in students and faulty members. Identify the key feature like the deparatments, project listings, application requirements, review process, etc.
2. Design a user-friendly website with key features which include - login with respect to the role of the user(student/faculty); ensure the key feature for the faculty - updating projects, providing basic description and requirements of the project, access to the student applications registered on the project, enabling a channel for communication between the student and the faculty for further communication, etc;
3. Ensure the proper data handling so that the data obtained while using the website is stored in a structured and efficient manner. Data - project details, student applications, student profile, faculty profile and faculty reviews.
4. Conduct functional and usability testing to identify and fix bugs to ensure a seamless user experience.
5. Provide detailed user guides for students and faculty.

**3. Deliverables**

* A responsive and user-friendly platform for students to explore and apply for faculty-offered projects.
* Secure login and role-based access for students, faculty, and administrators.
* An interface for faculty to post project details, including prerequisites, objectives, and deadlines.
* A structured application process for students to submit their project preferences based on the provided project description and student interests.
* A panel for faculty to review applications, shortlist candidates, and finalize selections.
* A well-structured database to store and manage project information, applications, and user details.

**4. Timeline and Milestones**

Provide a high-level timeline with key milestones.

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| **Milestone** | **Description** | **Due Date** |
| Project Kickoff | Initial project meeting to discuss objectives, scope, and requirements. | 03.02.2025 |
| Requirement Analysis & Planning | Gather requirements, define key features, and create project roadmap. | 06.02.2025 |
| Phase 1 Completion | Design and development of the website's core functionalities, including user login, project listing, and application submission. | march-end  (tentative) |
| Phase 2 Completion | Implementation of faculty review system, and database management. | april-mid (tentative) |
| Testing & Debugging | Conduct thorough testing to identify and fix issues before deployment. | april-end (tentative) |
| Final Delivery | Deployment of the fully functional website, submission of documentation, and project handover. | may mid  (tentative) |

**5. Roles and Responsibilities**

1. Swathika, Nanda : Project Lead & Requirements Analysts.
2. Sathwik : The Frontend Developer & UI/UX Designer.
3. Trisha, Likesh : The Backend Developers.
4. Likesh, Satwik : The Database Administrators (DBA) & Security Specialists.
5. Trisha, Swathika, Nanda : The QA Testers & Documentation Specialists.

* **Client Contact:** Software Engineering course, Mahindra University

**6. Assumptions and Constraints**

* **Assumption:** Faculty members will actively list their projects on the platform.
* **Assumption:** Final-year students will regularly use the platform to search and apply for projects.
* **Constraints:** This website is applicable to students of Mahindra University only.