

Problem Statement:

Our problem statement aims at creating a platform for students and faculty members of higher education institute to find team members to work with or project guides to work under with a specific set of skills, for their respective projects.

Our system addresses the common issues faced by students and faculty members in higher education institutes when seeking suitable project teams and mentors. These issues include a lack of information, limited options, misaligned interests, time constraints, and communication barriers. The goal is to create a platform that facilitates the discovery of team members and project guides with specific skills, improving the overall project and internship experience.

The platform seeks to connect students and faculty members with the right individuals possessing the required skills, fostering productive collaborations for successful project outcomes within the educational context.

Process Model chosen for the project: Spiral Model

The Spiral Model was chosen for the development of the Student and Faculty Project Team Matching System (SFPTMS) due to its effectiveness in managing project complexity, accommodating evolving requirements, and mitigating risks. The SFPTMS is a multifaceted project involving various stakeholders, and the Spiral Model's iterative approach allows for ongoing refinements, stakeholder engagement, and risk assessment. This flexibility and adaptability make it an ideal choice for a project where uncertainties and evolving user needs are prevalent, ensuring that the SFPTMS can be developed systematically and deliver a solution that aligns with the dynamic environment of higher education institutions.

