**CSE 325 – Software Engineering**

**Project Plan**

**Problem Statement**

The need for an intra-college project management system that allows collaboration and co-creation by providing the students a unique opportunity to collaborate with student from various disciplines to work on multidisciplinary projects.

**How is it different?**

Currently there exists no such intra-college platform in any major universities providing the above mentioned opportunities to its students. It is often witnessed that students struggle to find enough people with required skills of other branches to create projects that span across multiple disciplines. This sought of co-creation has made MIT Media Labs a giant beast producing several state-of-the-art technologies. This system has the capability of becoming a social network for project development.

**Objectives**

1. User will be able to find people of required skills.
2. Project members will be able to keep other team members updated about latest developments with the project on the project page
3. User shall be able to take notes and set reminders
4. Team formation using request and response will be available.
5. Each user will have his/her own timeline to keep them updated
6. Project admin can assign tasks to project members
7. Project admin can set milestones for the project

12BCE0457 Harjatin Singh – will work on objective 1,2,3,4

12BCE0534 Deepak Kumar – will work on objective 5,6,7

**Feasibility Study**

**Operational Feasibility**

The system provides a reliable platform for creative brain storming and collaboration and it fits into the current environment of social media inclination of majority of students. It provides a platform for seeking help, mentorship, and partnership to achieve their objectives. The system once built will be a robust system and thus will ensure low maintenance but high productivity. The systems User Interface will be intuitively simple thus ensuring a short learning curve thus enhancing usability.

**Technical Feasibility**

The project will require a server that can handle the load of several concurrent requests and open source web development frameworks. Both these requirements are lowly considering modern day standards.

**Process Model**

**Frame-Works and Platforms**

CakePHP, Zend Foundation Framework, Apache server, MySQL Database

**Process Scheduling**