# Team 26 - Project Charter

**Team Members:** Dhiman Swadia, Gokul Yenugadhati, Harsha Lingareddy, Sanat Mouli, Vijay Viswan, Vishaal Bommena

1. **Problem Statement**

   A common problem that students face is finding classes which align with their interests. Our platform will assist in the selection of courses which are best tailored to the students interests, which leads to enjoyment and academic success. Our idea is to approach this problem from a student's perspective rather than from a university's perspective, such as MyPurduePlan. Our platform will provide a "human" element to help students take "better-fitting" classes instead of only displaying degree requirements to satisfy the course requirements.

2. **Project Objectives**
   a. Build an interactive web-application that is intuitive
   b. A list of offered courses for a student at Purdue University and provide well curated information
   c. Create an intelligent course recommendation system for the user
   d. Provide student feedback on individual courses to help make better judgement about the course
   e. Create a user-generated rating system for courses.

3. **Stakeholders**
   ● Users: Students at Purdue University
   ● Developers: Dhiman Swadia, Gokul Yenugadhati, Harsha Lingareddy, Sanat Mouli, Vijay Viswan, Vishaal Bommena
   ● Project Manager: Dhiman Swadia

4. **Deliverables**
   ● A web based application that allows users to understand the courses that they are taking in the following semesters
   ● Frontend React.JS based interactive web application which provides a ranking system of the courses
   ● Backend Python and Flask based server that runs an intelligent recommendation system
   ● A database that tracks the user profile data and course data