Project Team:

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User Stories: (we as user's)

- We want maintain a website for our college to store and retrieve the data that we require.
- As we are from college perspective, we need to store the details of student and faculty members i.e. to add a student in the course or drop the course, to assign the faculty to the particular course.
- In our college we got different majors like computer science, electronics & communications, civil engineering, mechanical engineering. So, all these should be in the website for the registration when the student have joined in the college.
- We should have each and every details of the students that are joined in our college like grades the courses that they have taken and the courses that they have to take and faculty members assigned to the courses.
- Our website should consists of fee structures for all the majors offered and the information about our college standards.

User Requirements: (we as user's)

- A unique identity should be generated for every student.
- A unique identity should be given for every faculty member.
- A unique identity should be given for every courses with their respective majors.
- The courses of a particular major should not miss match with the courses of other major.
- A student registered for a particular course should not be able to register for the same course at the same semester.
- Faculty member should not collide with same time for two different courses.
- A student should be able to take only required number of courses.
- Options must be available i.e. to add or drop the courses and to update the information respectively.
- Profile of very individual must be maintained.

System Requirements:

- The data storage to be done and should be able to retrieve it whenever necessary.
- The information should be consistent by avoiding any mismatches.
- The modifications are to be done whenever data is changed.
- The connection of information should be accurate.
- The validation process like insert, delete and update must be done.

Use Cases: (we as users)

- We will register a student who have joined in our college.
- On the option which he chooses his major, we will assign him to that particular major.
- He can choose the courses that he wants to study in his major.
- We will be assigning a faculty member to that particular course.
- At the end of the course he can be able to get his grade.
- We will assign the faculty members to their respective courses to teach in their respective majors.
- The fee details will be given to the students to their respective majors.

Development Methodology:

For this Project we are choosing Extreme Programming methodology which is one of the most widely adopted agile methodologies. This methodology improves a software project in four different ways which are communication, simplicity, feedback and courage in which there is an emphasis on priority of customer stories which represent the business requirements for each system release.