



This is the base scope of the student management system sorted by priority as follows:

- (1) **High:** Required for the project to work properly.
- (2) **Medium:** Additional recommended features to add once the required (1) is completed.
- (3) **Low:** Optional features to add to our project once the (1) and (2) is completed

The system will have 3 platforms:

Admin:

- (1) Can offers courses for registration for each semester.
 - In each semester, each course will have one section and will be given by one teacher. (semester, course, teacher, schedule)
- (2) Can manage students.
 - Student will have (first name, middle name, last name, email, mobile number)
The admin will add a student and get back the Student ID
- (3) Can manage teachers
 - Teacher will have (first name, middle name, last name, email, mobile number)
The admin will add a teacher and get back the teacher ID.
- (3) Can Add Majors (id, name)
- (3) Can Add Courses (id,code, name, number of credits, description)
- (3) Can Manage major courses(assign courses to majors).
- (3) Can Add Semesters(id, name, start date, end date)
Schedule will be fixed in the db (id, name(ex: MW:12:00-1:15))



Teacher:

- (1) Can select a semester.
- (1) Can see the offered courses for the selected semester.
 - A page to show all the courses that are given by this teacher during the selected semester.
 - Can see registered course schedule.
- (1) Can see a list of students per course.
- (2) Can provide a final grade for every student in each course in the semester.

Student :

- (1) Can add/drop courses (within time constraints).
 - Student should not register to 2 courses that have time conflict.
 - Limit the student registration credits per semester to 18 credits.
- (2) Can see offered courses.
 - Student can see his grade once available.
 - Student can download the course as PDF.
- (3) Student can see his GPA.