Team Zaboo:
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Introduction:
Problem Statement: No automated way of comparing student schedules to see the best time to move a
        class to.
Mission: Provide Karen with a web based application that checks student schedules to see the
        best time to hold a rescheduled course.
Vision: Users will be able to enter in a CRN and potential time change and results will consist
        of the total number of conflicts and which classes those conflicts are in. More detailed
        results will show which student conflicts are important by classification and the
        frequency a course is offered. This will be represented in calendar form, day of the
        week by time. Each entry will be highlighted a color of severity based off of the
        aforementioned measure of importance. There will also be a similar list of room
        availability in case a class needs to relocate as well.

Goals and objectives:
        1. To get all requirements and specification needed
        2. To design the project?
        3. Execution(Work on Project)
        4. User Testing
        5. Deliver

Modules

Submit CRN View:
        User Kathy submits CRN and desired time for course specified. Returns a Receive/ Find conflict
view.

Receive/ Find conflicts
        The module receives the output of requested class data from database. Then it finds conflicts by
        going through the database finds conflicts with other classes. If there are conflicts, then they are
        outputted.

Back-end/API:
        We will create an api with common function calls that return required data from the database.
These will essentially be a series of sql queries on the data.
- getCourse(int CRN) - based on crn given course is returned
- getCourseTime(CRN)
- getCourseFrequency(string courseName)
- getStudent(int id)
- getClassification(id)
- getCatalogueYear(int degree)

● bool getRequirement(courseNum)

UML Diagram: