**Group 8 Student Project Iteration 0**

**Vision Statement**

We will be creating a course management application that tracks any student’s schedule, course progress, tasks that needs to be completed, and grades. This should help the users to know how they are doing in their courses at any time. The application should also help the users to improve their grades.

The course manager will run on Android as a standalone application. This means that it will not require an internet connection to be fully functional, and will store the required information on the device itself. The application will also use user accounts so that no user can read the information stored by another in case there is more than one person using the Android device. It is possible that this application could be made to run on other platforms in the future, but Android is the priority.

Students are the primary customer for this application. The application will allow students to track of their progress in their courses and degree program. It is unlikely others would find the features of the course manager useful; other kinds of users would not be in the position to take full advantage of the application.

This application is meant for students that would like to set goals at any point during the term and would like to have an application that will keep him or her on task by tracking class attendance, tests and exam preparations, scores from tests and assignment, hours committed to study, final exam grade and the course’s impact on the student’s overall Grade Point Average (GPA). Additionally, the users will be able to track their progress in each individual course by adding assignment and test grades along with their respective weights so that they know what is required of them to achieve the grades they want.

The value of this application lies in the information it is able to provide to its users. Those who use the application should have a better idea of what they are doing right or wrong in terms of their study habits, and what needs to be done to improve their position in their program. If the user had some difficulty at the start of the term they will know what marks they need to get on their remaining assignments and tests in order to get the grade they want.

The selling point of this application is the advantage for an individual to be able to set a performance goal for courses at the beginning or middle of the term, track his/her progress in achieving their goals and seeing the results as they add up until the end of the term. It is this information that puts the user in the position to do a little better.

The project will be considered successful if several criteria are met. First and foremost, if the users are able to store the different weights of each assignment and test for each course on the device using the application. Additionally, the application must be able to store the different courses that the student is taking, or has taken in the past, in order to calculate an accurate Grade Point Average. Finally, the application should be able to track attendance, test preparation, and tasks or assignments that must be completed by the student as the course progresses.

**Big User Stories**

**-Update Academic History-** I’d like to be able to add previous graves and courses I’ve taken.

priority **medium**   Cost 5 days

**-Grade Calculation-** I’d like to be able to calculate my grades.

priority **medium** Cost  5 days

**-View Schedule-** I’d like to be able to view my current schedule.

priority **medium** Cost 7 days

**-Create Profile-** I’d like to be able to create and access my own (protected) profile

priority: **high** Cost: 7 days

-**Class Attendance-** I’d like to be able to keep track of my attendance.

priority: **low** Cost: 4 days

**-Add course information-** I’d like to be able to add different types of course information to my courses.

Priority **high** Cost 7 days

**-Degree Requirements-** I’d like to be able to input courses that are required for me to graduate to keep track of my progress.

Priority: **medium** Cost: 4 days

**-Add tasks-** I’d like to be able to add tasks such as assignments to courses.

priority **high** Cost 7 days

**-Change settings-** I’d like to be able to change certain settings.

priority **medium** Cost: 7 days

**-Reminders-** I’d like to receive push notifications to remind me to do certain tasks.

priority **low** Cost 10 days

**Iteration 1 Detailed User Stories**

**1-Organize courses into terms-** As a student, I’d like to be able to organize my courses into terms so that I can easily find course information.

priority **high** Cost  2 days

**2-Edit and view prof info-** As a student, I’d like to be able to enter and view my prof and TA info so that I can easily find my prof’s office room, office hours, etc…

priority **medium** Cost 2 days

**3-Add assignments, midterms, etc…-** As a student, I’d like to be able to add assignment due dates, and midterm and final dates for courses.

priority **medium** Cost 3 days

**4-Sign into profile-** As a student, I’d like to have my own personal profile that only I can access.

priority **high** Cost 1 day

**5-View Grades-** As a student, I’d like to be able to view my grades for each course and calculate my overall gpa for the term and my degree.

priority **medium** Cost 2 days

**6-Passing Grade**- As a student, i’d like to be able to know what mark I need on the final exam in order to pass my class.

Priority: **high**, Cost:1 day