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Codenamed: Dickens Project

I have opted to move forward with an application project for our Software Development semester project. I think many students here at Marist would agree that trying to create a schedule is a tedious and time-consuming task. One must constantly look up available courses and try to compare the times between multiple classes to figure out which ones to register for. To get one's desired schedule some turn to Microsoft excel and manually input timeslots for classes and have countless different possible schedules they must compare to try and find the best one for them. I believe that I can streamline this process of finding a student's desired schedule so that they are no longer forced to create multiple schedules by hand through excel or other means. My proposal is a Marist scheduling assistant.

The main goal of the application would be to help Marist students create potential schedules to determine which one would best suit them for the next semester. The application should be adaptable to just about any student's wants and needs. For example, many students try their hardest to get a schedule with no classes on Fridays. A user will be able to specify if they have any desire for days off. The application should allow users to set credit minimums and maximums based upon their needs. For example, a student may wish to take at least 12 credits in a semester to maintain their full-time student status. Prerequisites should also be considered. If a student wishes to take software development the program should ask if they have taken intro to programming yet.

In the end a student should be able to use this application to create a potential schedule by inputting their course selections and meet times manually. After they have input their desired courses and meet times the program should output their schedule in an easy-to-read table so that they can compare it to other schedules that they either have made or will make later.

Note: should this turn out to be too simple I am considering adding a recommended courses aspect to the application. For example, the user would specify their current year (Freshman, Sophomore, etc.) and major (Computer Science, Math, Business, etc.). Then, the program could offer suggested courses to that student based upon their current year and major. I will most likely be meeting with you to best determine the direction of this project. I do want it to be useful and useable to help me make a schedule. At the same time, I don't want to make the scope of the program so large that I cannot complete it in the time we have. Also, the project name is just a code name and nothing more, if it should just reflect the nature of the application itself please let me know and I will change it accordingly. I just thought that I'd have some fun naming this project.