

Ariele Silva
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Project Proposal

My proposal for the project for this class would be one that would hopefully be used by all Marist students and faculty. My idea would be to create a priority point calculator. The idea came to me when thinking of future housing, we never really know how many points we have until we have to ask the housing department when it's crunch time for picking the best housing. My idea would be to have the user calculate how many points they would have based on the clubs they are in, the sports they play, and their academics. The user would input or check off what activities they participate in respectively, enter in their current G.P.A. (which they can find on degree works), and the sports they play. When entering this information depending on certain clubs they must input their percentage of attendance and position. Some clubs have a rule that if you only attend 50% of the meeting that you either get half of the priority points or you don't get them at all. Also depending on the position you hold in the club you can get more priority points. Once the student enters all this information in, the program should have all the values and information of how many points is each club, positions, G.P.A, and sport. When that is all entered and done the program should print out the result, indicating how many priority points you have. I have even considered adding to the program to have the user input what year they are (meaning freshman, sophomore, junior and senior) so that the program will even tell them the options of housing they have. I also might want to include in the program the option of averaging priority points. What I mean by that is, if someone is planning to live with three people making the four of them in total, that after calculating the amount of priority points each individual has to average the amount to see where they have the option of living together.