

Topic: Efficient Registration

Problem Background

- As a student, sometimes is difficult to accommodate our future classes on an organize schedule.
- Many students waste time looking for what class is better to accommodate on the next semester, so they can finish their bachelor on time.
- Sometime students take courses which will not open other courses in the future, which can lead to a delay in their bachelor's degree and will not finish it in their estimated time.
- Many students only do one itinerary and don't have diverse in case their class is already full, which can lead to waiting a whole semester so they can be able to take it.

Target

- The goal is to create an application which will accommodate their itinerary on an efficient way. The app will analyze his bachelor's degree and will do various itineraries so that the student finishes his bachelor as soon as possible. The app will ask how many years he wants to take to finish his bachelor's and how many credit per semester he will be willing to take. Also, it will accommodate classes depending on the student available time, meaning that if the student works and studies the app will recognize and will organized his itinerary on a time that does not intervene with his schedule at work. Although sometimes there are some classes that only has one section and can intervene with the student, but the app will give suggestions and make time for the student to have a reasonable itinerary.

Causes

- Problem: The student doesn't know which classes are the more efficient way to finish their bachelor's degree on an estimated period.

Why?

- They get confused on which classes they should take next that doesn't make them delay their bachelor's.

Why?

- The student did not prepare alternative itineraries and at the time of their registration they realized that the class is already full and try looking for other classes but ends up taking some that will not help them graduate in time.

Why?

- At the time of registration, they are desperate to find other classes so they can get the credits they wanted for that semester.

Why?

- They end up taking classes which will lead to a delay on their bachelors.

Countermeasures

1. Ask user what will be their estimated time that they want to finish their degree.
2. Ask user how many credits they want to take.
3. Show users alternative itineraries in case the class is already full.
4. Accommodate classes depending on the user's availability.
5. Accommodate classes that will help the student finish his degree in their estimated time.
6. Allow users to restrict courses they don't feel ready to take so the program does not accommodate it on their itinerary.
7. Allow users to add the time between classes that they want to take a recess.
8. Ask user their preferable time that they want to take the classes.

Check/Evaluate

- The project success is going to be determine with feedbacks of the users who has seen an easy and more efficient way to create and personalize their itinerary on a way they want by giving them the tools to do it.
- On the other hand, project failure will be notified by user's feedbacks which the application did not accomplish what they expected, and the user feels disappointed.

Act/Standardize

- The application will take care of getting the user curriculum and filling it a way efficient depending on the student time availability.
- The application will help with the struggle of student searching for classes that they need to finish their bachelor's degree on time.