

Problem Solving (A3) Report

1. Identify a Problem	PLAN
Twice a year, students at the University of Puerto Rico go through the often frustrating process of enrolling into their classes. Many of these classes are core requirements and many students find themselves in a situation where the class they wanted to enroll in is full before they even have the chance to enroll. This webapp will facilitate the enrollment process for students.	
2. Set the Target	PLAN
<ul style="list-style-type: none">Make the enrollment process easier on studentsAllow professors to know how many sections they should open for the courses they're offeringMake it so less students find themselves taking elective courses they did not want	
3. Analyze the Causes	PLAN
<ul style="list-style-type: none">Professors do not have a way to measure how many students might take their classStudents that get the later enrollment dates might not be able to take certain classes because all the sections got full the first couple of days.	

Topic: Pre-enrollment System

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4. Propose & Implement Countermeasures	PLAN/DO
Create an application in which students can select the courses they plan to enroll in so that professors have a better idea of how many students plan to take their courses and can better plan accordingly.	
5. Check/Evaluate	CHECK
Students are now more likely to be able to enroll in the classes they want/need rather than having to choose a random elective at the last minute.	
6. Act and/or Standardize	ACT
Students will be continuously encouraged to keep using the program and professors will be encourage to use the data it provides to open a number of sections that better accommodates the students without also overwhelming said professors.	