Songiemar García   January 27, 2020

<u>Intro to Software A3 Exercise Draft*</u>

*(The numbers in parenthesis in the Step titles signify the number of times the individual section of the A3 report was revised/revisited.)

Step 0. Identify a problem or need (2)

Inefficient and generally bothersome system to map and enroll classes, no centralized information.

Step 1. Understand current position (3)

What's student's main source of information? How often is misinformation spread? What are the statistics from counselors of classes, and how often are they sought out for this?

Step 2. Target (3)

It would strongly benefit students for their organization. By creating this, there would be solid statistics revolving around how students are doing in classes with professors and what can be done to improve departments and graduation rates.

Step 3. Root Cause Analysis (3)

Why are students not more informed? Why is information so hard to find? Why do you need to jump through so many hoops to then struggle further finding classes? Why not make things more accessible and efficient?

Step 4. Countermeasures (2)

No centralized information in UPR.

Step 5. Implementation Plan (3)

Creation: Depends on the technologies permitted for this project.

It must also be marketed and communicated widespread and can later be compared for statistical analysis of how it is being used as well as why/why not.

Step 6. Follow-up Plan (3)

By doing a statistical analysis and conducting real-time surveys, improvement rates can be determined as well as issues to add and fixes needed.

Step 7. Involve affected parties (1)

Speak to students of UPRM, starting with group members for feedback and general insight, then reaching out beyond students who share the same department (i.e. not CIIC, INSO or ICOM).

Step 8. Approval (1)

To be determined.

Step 9. Implementation (1)

To be determined.

Step 10. Evaluation (1)

To be determined.