Topic: RUM Opportunities	**Author:** Gabriela Delgado Rodríguez	**Date:** August 29, 2022

Problem Background

- The engineering students at UPRM are not aware of all the opportunities such as research, workshops, trainings, info-sessions, clubs, and associations that the university offers.

- The students are missing their chance to have hands-on experience for their professional careers and their chance to improve their technical and soft skills.

Target

- By the end of the semester, the students at UPRM will have a web or mobile application where they can find all the necessary information about the opportunities that the university has to offer.

Causes

- Sometimes the professors do not disseminate the information that other professors send them.

- There doesn't exist a website with all the necessary information for students about the opportunities.

- The information about opportunities is disseminated through emails, but because of all the different emails we receive, those emails get lost or are not read.

- Other times, the information about opportunities is spread through WhatsApp group chats, however, not every student in the university is part of those chats.

- There exist events such as job fairs and research fairs, but not every student is able to attend.

Countermeasures

- Create a web and mobile application that contains all the information about the opportunities such as research, workshops, trainings, info-sessions, clubs, and associations that the university offers.

- Create a mobile application that sends reminders of the activities and opportunities.

- Create a matching system that will recommend students the opportunities and activities based on their interests, extracurricular activities, and goals.

Check/Evaluate

- Conduct a comparison between students who have the tool with students who decide not to have it.

- Conduct surveys with users to evaluate if the tool is making the process of finding and participating in the events/opportunities easier.

- The tool's success will be determined by the number of users.

Act/Standardize

- Make sure that the information in the tool is always up to date.

- Solve any bugs or unforeseen issues that may come up.

- Get feedback from students and professors to see in which areas the tool can improve.

- At the end of this project, the students will learn how to develop frontend, backend, database development.