

Topic: Universidad de Puerto Rico Parking Lot Management

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Problem Background

- One of the crucial issues in the UPRM is that students struggle to find a parking spot to leave their cars when there are going to take classes.
- There is not a parking lot management in the university where they know when there are no more parking spot in the lot.



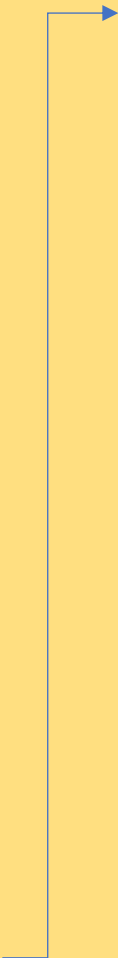
Target

- The main goal is to create an application with live feed of how many parking spots are left in the University parking spot designated for the student.
- Let the user know when the Parking lot is full or any circumstances that happen in the parking lot that people know what is happening in where their car is located like flood.



Causes

- Student being late because they couldn't find a parking spot.
- Unsecured parking spot
- Damage cause by people leaving their car in an unsecured spot like smashed windows and people braking in and stealing and in mayor cases the car gets stolen.
- Student complaining how much they must walk long distance because their parking spot are far.



Countermeasures

- Let user know how many parking spots are available at any time of the day
- Let the user know when there be a potential danger of flooding in the parking lot
- If there are no parking spot available in the lot that you are looking for recommend to the user other University parking closer to the parking lot that you looked for lot with available space.
- Let the user know of the time were there is more chance to find a parking pot like the busiest or less busy



Check/Evaluate

- The success of this project will be achieved if there is a continuous growth in user.
- Other university implement this format of parking lot management
- Implement this project in more daily used parking lot like mall, stadiums, events and other
- Improvement in the time taken to find a parking spot
- The failure is a significant drop in user
- There isn't a significant difference in efficiency with the project implemented.



Act/Standardize

- We will achieve success if we keep the developing more feature for the app to be more helpful for the user
- For the team working in this project, we will end up with more experience developing and programming and also achieve a sense of how we can see a problem or daily problems with programming and trying to fix it with a more efficient way or
- Keeping safe the user belongings and mainly their cars and over all their safety.