

## 1. Problem Background

- It has always been a challenge to find housing when you're moving to a new town. For example, when starting college, I had to come to Mayagüez to start looking for possible places to live.
- There are a lot of variables to take into consideration when moving to a new place, some of them being: prices, location, security, parking, closeness to campus/job, just to mention a few.
- Due to COVID-19 it has now become more of a challenge since engaging in that activity could potentially expose you and the landlord to the virus.

## 2. Target

The goal of this project is to create a web app that allows people moving into a new town, in this case Mayagüez, but it could be even a bigger area to have a platform to search in advance with more specific parameters places to live. Users will be able to filter places by characteristics that are important to them. Additionally, it will include the landlord as targets because they will benefit from this site as well reducing the time they must take to keep showing the apartments to people and reducing COVID-19 exposure.

## 3. Causes



## 4. Countermeasures

- Promote website and train landlords on how to upload information.
- Allow users to filter searches based on their needs.
- Let the user save favorite places.
- Notify user if said places were rented.
- Give personalized recommendations to user based on location, neighborhood etc.

## 5. Check/Evaluate

- The project success will be determined by factors such as growth of the platform in terms of users registered including both landlords and users looking for housing.
- Is it possible to upload the contract that the leaseholder would have to sign?
- Scope of the project in terms of targeted audience.

## 6. Act/Standardize

- Research on ways to confirm the identity of the landlords signing up into the platform.
- Confirm the veracity of the information regarding the housing that the landlord uploaded.