

Problem Background:

- *There are an estimated 500,000 stray dogs roaming in the streets and beaches in Puerto Rico.*
- *Having Stray Dogs on the streets can cause accidents when it runs on the road, they can mess up places and themselves because they are not looking after them. (the population of stray dogs can grow rapidly)*
- *Stray dogs enjoy opening garbage bags, and they can lead to garbage and refuse being scattered all around the environment and the streets.*
- *They can cause problems in a neighborhood, wreaking objects in houses or in gardens or livestock in a farm.*
- *Stray dogs frequently live under sheds, decks, buildings and transmit fleas and if they ingest something that might lead them to death, there would be a dead corpse rotting under a structure giving a horrible odor.*
- *Every stray dog isn't friendly to humans and there is a possibility of someone getting bitten by a uncontrollable stray dog. This dogs usually doesn't have rabies shots, they may spread rabies which is a dangerous disease that can be passed to humans being with ease. Rabies is leading to an increase in the number of humans death each year.*

Countermeasures

- *Decrease amounts of stray dogs in the island.*
- *Let charities and other communities have a database of the stray dogs in the island.*
- *These dogs can be neutered or spayed , and may decrease the population of stray dogs*
- *This can help the stray dogs find a home, a place where they can be appreciated.*
- *Decrease the number of accidents in the road.*
- *This can prevent problems and give us a cleaner community*
- *Give information of where to adopt dogs and the communities that are actively saving stray dogs.*

Check/Evaluate

- *The evaluation of this projects can be measure in how many dogs are registered.*
- *We can check with the communities and comments of users that successfully adopted or have taken care of a dog in the street.*
- *The failure of the project would happen is the users don't register the location of the stray dogs or if the communities do not collaborate with the app. Also is the database being not high enough to help the communities.*

Act/Standardize

- *For standardizing the app would register all the communities in Puerto Rico that help and take care of stray dogs. (this can be fosters, adopting agency's or even charities).*
- *Also register users, so they can see all the available dogs for adoption and their shots. This app can provide in what shelter they can be found.*
- *This can provide a database of the stray dogs and where they can be found.*
- *This can provide global statistics of all the stray dogs and the dogs that are been save.*
- *The app right now can be stray dogs, but it can be used for cats in the future.*

Target

- *The target with this is to decrease the volume of stray dogs commuting in the island, decreasing the accidents, identify stray dogs and classify them by location. Make adopting dogs easier and make communities work a lot easier in where to find the dogs that need help, have cleaner spaces.*

Causes

- *Many of these stray dogs are female and they keep giving birth to around 1 to 5 puppies and they keep getting pregnant.*
- *Some owners decide to abandon their dogs or leave them behind.*
- *Some dogs decide to runaway.*