

Problem Background:

- Some people don't feel secure when touring, walking or taking rides in new areas that they have not visited before.
- Criminal Rate around the world is worrying and Puerto Rico has a Ranking of #19 in the list of "Crime Rate by Country 2022" of the page <https://worldpopulationreview.com/>
- If someone want to travel somewhere that they have not visited before, they need to know if where they are going is safe for touring either walking or by car.

Target:

- The goal is to create a website that facilitates the planning and schedule when going somewhere the users haven't visited before.
- The users will be able to plan routes and will also have the option to see how safe is that place by using an interactive map like google maps.

Causes: Sometimes people don't feel secure when touring new places.

- But why that's happening?
 - Criminal Rates Worldwide are frightening.
 - Not knowing if a place is safe.
 - Fear of being lost in a place you shouldn't be.
 - Making plans to tour somewhere and then finding out it's not the safest place to be in.



Crime Grades



A+ (dark green) areas are safest

Countermeasures:

- A website that will let the user know how safe a place will be. This can be made by using the Criminal rates of each neighborhoods and analyzing which places are the safest. This will be integrated to the map and people will be able to see it.
- It will also recommend good places depending on the area and other users' experiences.
- The user will be able to Plan and schedule routes in the app and use this as a guide when traveling. They will be able to organize this routes in a calendar which will display the route map on the box of the day that it is schedule for.
- If the user wants to tour a place which have a high criminal rate, the user will be notified by means of a warning and information about the usual crimes will be given so that the user will be cautious about it.

Check/Evaluate:

- After a route is completed the user can rate the place and will be able to leave a comment for other users to read and learn more about the place. By doing this, other users can learn more about those significant places.
- The users will be able to communicate with the developers and let know of any bug or idea that can be analyzed for further improvements.
- The project success will be determined by the number of users that will join the webpage and have a frequent use of it. If this is not reached the project won't be able to keep running.

Act/Standardize:

- Constant development of the webpage will improve user experience and users visits.
- For the time being, the project will be focused on places in and close to Mayaguez, P.R. and if there's a noticeable number of users we can update the webpage to incorporate data of other places as well.