Project A3 – INSO 4116

Topic: Web-based service for public space safety

Date: August 19, 2020

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| 1. Identify the Problem | 1. Propose & Implement Countermeasures |
| * The number of Covid-19 cases in Puerto Rico is on an increasing trend. * Consumers have the need to do essential tasks such as grocery shopping, bank, and doctor visits. * Public spaces increase the probability of getting infected. * These public spaces are often crowded, with long lines. * Some public spaces do not follow the correct guidelines for public safety during the pandemic. | |  |  | | --- | --- | | Cause | Countermeasure | | Some places do not follow public safety guidelines during the pandemic | Develop service for reporting these places and give them ratings | | Public spaces get really crowded during the day but are essential services | Give users a live count of consumers inside an establishment | | Consumers do not know the optimal hours to visit the establishments | Adjust and evaluate the customers necessities to estimate the best time to visit a public space | |
| 1. Set the target | 1. Check/Evaluate |
| * Develop a web-based service to show how crowded public spaces are and denote the best time and date to visit such spaces according to the customers necessities. * This is expected to be completed during the semester, through the pandemic. |  |
| 1. Analyze the causes | 1. Act and/or Standardize |
| * People have basic needs that the need to satisfy despite the Covid-19 pandemic (work, food, etc.) * Not everyone takes the same care or responsibility during the pandemic * There is not enough information on how crowded or when public places are full or people. |  |

Name: Kelvin García Muñiz