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| **Problem Solving (A3) Report** | **Topic: Disaster quick response** | **Date:** August 18, 2020 |
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| **1. Identify a Problem** | **PLAN** |  | **4. Propose & Implement Countermeasures** | **PLAN/DO** |
| * The Problem is the low response time at a disaster event in Puerto Rico * Due to the lack of resources and good management the disaster response team lack the ability to provide efficient and equally help for the people in need * Provide a response time to a give situation on any place and any time * Be able to report lost of electricity. damage to structures and other problems related to the public safety * In past events like Huracan maria we saw how fragile the electric system in PR was. | |  | * Create a web page and a mobile application in which after creating a account you can report problems by selectin the place , time and uploading a picture of the problem. * Storage this information in a Data base * Using this information provide the users a map with all the problems using google maps * These information can be filtered by location and type of problem * The users have different types of accounts in which if the account is a emergency management employee he/ her can change the status of the problem ( reported, working , solved) | |
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| **2. Set the Target** | **PLAN** |  | **5. Check/Evaluate** | **CHECK** |
| * Provide the people the ability to report problems in real time and location, giving them a voice in a time of disaster. Making every person able to help even with a little. * Relief the amount of work and time consumption from the disaster response teams (AEE , AAA, FEMA , etc) | |  |  | |
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| **3. Analyze the Causes** | **PLAN** |  | **6. Act and/or Standardize** | **ACT** |
| * Maria hurricane chaos in some areas like, mountain roads and houses * Previous storm leaving zones without electrical service for months in places like San Lorenzo | |  |  | |

Template by Ignacio Tampe