

Problem Solving (A3) Report

1. Identify a Problem	PLAN
Households, restaurants and grocery stores tend to buy more food than what will be consumed which goes to waste. When food goes to waste and rots, it contributes to pollution. There is a concerning amount of people that struggle with money and food.	
2. Set the Target	PLAN
The target would be to reduce food waste, pollution and contribute to a greener community. Also, to provide a service where organizations can access food to later distribute to people in need.	
3. Analyze the Causes	PLAN
The problem of Food Waste is caused by purchasing more food than is consumed in the food industry and individual households. This problem can't be fully eliminated because not all the food that goes to waste is consumable, but the problem can be reduced. The amount of food that goes to waste nowadays is a big contributor of greenhouse gases and pollution. This affects our quality of life. Also, one main struggle for organizations that help people in need is finding funds and food in order to provide services. Finally, 44.9% of the population of Puerto Rico live under poverty status.	

Topic: Solving food waste

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4. Propose & Implement Countermeasures	PLAN/DO
I propose to make a web app that creates a system where restaurants and grocery stores can turn in excess food which can be distributed to people in need or animal shelters by organizations that specialize in providing food.	
5. Check/Evaluate	CHECK
The countermeasures would work if there's enough business interested in contributing their food waste. The success can be measured in the amount of food that goes to waste after the web app is implemented. Also, it can be measured by how communities and organizations are affected.	
6. Act and/or Standardize	ACT
The web app would be a platform where companies can notify if they have excess food available and organizations that help poor communities can access them, set a time slot and a pick up point, and later distribute the food to people in need. We can ensure the app continues to work by recruiting more businesses and eventually households to contribute.	