**Needfinding Assignment**

**Garbage Disposal**

Every day, we have to deal with different type of garbage because every product that we use comes with a garbage especially for a third world country like us, we are using a lot of single use and disposable products. Therefore, we can say that garbage is part of our daily lives whether we like it or not. Many of the garbage that ends up in landfills or oceans were not properly segregated.

**User Observation:**

**Questions:**

* What type of garbage do you usually dispose? (Biodegradable or Non-biodegradable)
* How often do you dispose your garbage?
* Do you dispose your garbage properly?
* Can you describe how you dispose a garbage? (If the user says that he/she properly segregates it, ask why and how’s the experience, if not ask why)
* Did you encounter some waste in your surroundings that wasn’t dispose properly? (If the user says he/she encounter, ask what he/she do and how’s the experience)
* If you were given a chance to design a trash bin based on your preferences, how would it look like?

**User#1**

On our first observation and interview to identify the user needs regarding garbage disposal. We meet Nancy Martinez, a full-time security guard on a gas station. She usually disposes biodegradable waste such as left-over foods, peel of fruits and vegetables more than residual waste. She often disposes waste after taking her daily meal. She disposes her waste properly at home and at work. Yes, she feels satisfaction after she segregates. She would like to make a design a trash bin for biodegradable and non-biodegradable waste at home.

**User#2**

Ivy Rochelle C. Reyes, a senior high school student from Taguig. In most cases, she disposes biodegradable waste. She disposes garbage approximately 10 times a day. She maintains disposing garbage properly. She segregates the biodegradable from non-biodegradable, it was fulfilling because she likes helping the garbage man to segregate the trashes. She would like to design a big garbage can with a division in between, separating the biodegradable and non-biodegradable.

**User#3**

Frances Abengaña, a Bachelor of Arts in multimedia and arts student at Asia Pacific College. She usually disposes biodegradable waste, she often disposes garbage 2 to 3 times a day but sometimes she put her trash inside her bag, she doesn't usually maintain a proper disposing of waste especially at home. sometimes she didn't segregate, she only segregate comply with segregation of waste when there is label at the trash bins that could guide her on waste segregation. She would like to make a trash bins labeled with biodegradable waste, non-biodegradable waste and recyclable materials located at the same place.

**Photos**

**A boy is preparing food in a kitchen

Description automatically generated A picture containing person, indoor, wall, floor

Description automatically generatedA person standing in a room

Description automatically generated**

**User Needs**

* People should have a better understanding of the importance of segregating garbage when disposing.
* People needs to have a much better plan on how to segregate garbage.
* A household needs to have at least three trash bins for their biodegradable, non-biodegradable, and recyclable waste.
* Every trash bin needs to have a label.
* Every public place needs to have a trash bins for biodegradable, non-biodegradable, and recyclable waste.
* Trash bins needs to have a more engaging design to entice people to throw their garbage at the right place.
* People needs to take advantage of the existing solutions that we already have.
* People should have alternative trash bin with them whenever there’s no trash bin around.
* Every member of the household should be aware about the segregation of waste

**Point of View**

* Garbage? Why segregate it? Just automate it.

**Needfinding Talk**

* What activity did you choose to examine?
  + The activity that we chose to examine is the garbage disposal where we aim to identify if people are utilizing the concepts or solutions that we already have, and we also want to observe how every individual dispose their garbage.
* How did you examine it, with what methods?
  + We asked the users some questions about how they dispose their garbage and we also observe the way they do it.
* What major insights or breakdowns did you discover?
  + We noticed the users were aware and able to comply in segregation of waste, and some breakdowns are lack of trash bins in household, inconsistency to maintain the segregation of waste, lack of trash bin in public places.
* What promising unmet needs were identified as a result?
  + The most promising needs that we identified as a result is lack of waste segregation trash bins in households and public place resulting in improper segregation of waste that was supposed to be managed before it goes to material recovery facilities and landfills.