Project Design Phase-I-Solution Fit Template

Team ID: PNT2022TMID20345

1. CUSTOMER SEGMENT(S)

CS

6. CUSTOMER

CC

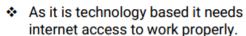
5.AVAILABLE SOLUTIONS

AS

- Shop eco _friendly with reusable bags.
- Join buy -and-sell groups.
- Digital trash bins are alternative to dustbins, because digital bins can detect the trash level and send notifications to the customers.

 Waste holders, such as private individuals, property owners or

companies are our customers.



- Customers need to buy some IOT Devices to access.
- They may use solar energy instead of electrical power.

2. JOBS-TO-BE-DONE / PROBLEMS

J&P

- Separate your waste.
- Create a composite site.
- Growing pressure in outdated waste managnent infrastructure, with declining level of capital investments and maintence.

9. PROBLEM ROOT CAUSE



- Lack of industry expertise.
- Emission of greenhouse gases.
- Poor recycling quality due to lack of education.

7. BEHAVIOUR

If the sensors are not working properly contact the customer care or drop a message.



ocus on J&P, tap into BE,

BE

3. TRIGGERS

TR

10. YOUR SOLUTION

SL

8.CHANNELS of BEHCHANAVIOUR

СН

Seeing how neighbors are having a clean environment after using it people will get admire my seeing others.

4.BEFORE /AFTER

- Before using this technology, society is suffered by health issues because the waste products produce air pollution.
- After using this technology, they feel at easy as it provides a clean society.

Our solutions is to manage the waste efficiently by indicating the garbage level to the users as well as authenticating persons to collect it and proceed to further process with the

garbage.

The purpose is of making clean

Environment.

REDUCE- REUSE-RECYCLE

ONLINE:

If it is in online mode, the bin is full it sends the notification to the authorized persons

OFFLINE:

If it is offline every day the waste collecting trucks will collect garbage from home.