Project Title: Smart Waste Management System for Metropolitan cities   **Project Design Phase-I-Solution Fit**   **Team ID:** PNT2022TMID51107

Define CS, fit into CL

1. CUSTOMER SEGMENT(S) `CS`

Our clients are waste holders like ordinary citizens, property owners, or businesses.

6. CUSTOMER CONSTRAINTS `CC`

To access, customers must purchase some IOT Devices.
Instead of using electricity, they might use solar power.

5. AVAILABLE SOLUTIONS `AS`

Due to their ability to detect the level of waste and notify users, digital trash cans are a better option to dustbins.

Explore AS, differentiate

Focus on J&P, tap into BE, understand

2. JOBS-TO-BE-DONE/PROBLEMS `J&P`

Sort your trash.
Assemble a site for it.
With diminishing levels of maintenance and capital investments, the outmoded waste management infrastructure is coming under increasing pressure.

9. PROBLEM ROOT CAUSE `RC`

A lack of education leading to poor recycling quality.
greenhouse gas emissions.
lack of sector knowledge.

7. BEHAVIOR `BE`

Contact the customer service department or leave a note if the sensors are not functioning properly.

Identify strong TR & EM

3. TRIGGERS `TR`

After utilizing it, people would start to admire others for having a clean environment because they can see it.

4. EMOTIONS: BEFORE/ AFTER `EM`

They enjoy technology straight forward because it offers a clear society.

10. YOUR SOLUTION `SL`

Making a clean environment is the goal.
REDUCTION-
REUSE-
RECYCLING.

8. CHANNELS of BEHAVIOR `CH`

ONLINE: When the bin is full while it is in online mode, it notifies the appropriate parties.

OFFLINE: The waste collection vehicles will pick up garbage from homes if it is down every day.