**Project Title: Smart Waste Management System Project Design Phase-I** – **Solution fit** **Team ID:** **PNT2022TMID33070**

**For Metropolitian Cities** 

- Customer can send the message

about smart wastes if any damage on the IOT device

-Can collect the wastages before getting overflowing

**AS**

**5. AVAILABLE SOLUTIONS**

- Requires recycling and protection against chemical substance

- Internet is necessary to use web app

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

**1. CUSTOMER SEGMENT(S)**

-Trashvan Drivers and Workers

-Metropolitian Citizens

-Waste Holders

**Explore AS, differentiate**

**Define CS, fit into CC**

-Sensor sense the amount of garbage level

-Send notification to the respected garbage collector

**BE**

**7. BEHAVIOUR**

What does your customer do to address the problem and get the job done?

**RC**

**9. PROBLEM ROOT CAUSE**

-High amount of wastages created by citizens

-waste management is not properly handled by management

**J&P**

**2. JOBS-TO-BE-DONE / PROBLEMS**

-Garbages must be collected before getting filled

-overflowing should be avoided

**Focus on J&P, tap into BE, understand RC**

**Focus on J&P, tap into BE, understand RC**

**Identify strong TR & EM**

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| --- | --- | --- | --- | --- |
| **Identify strong TR & EM** | **3. TRIGGERS**  - Insufficient applications and tools for managing wastages TR | **10. YOUR SOLUTION**  -The main solution is to make a clean environment and well defined smart wastage management system SL | 1. **CHANNELS of BEHAVIOUR CH**   **8.1.ONLINE**  Advertising through social media  **8.2OFFLINE**  . Exploring the information about smart waste management |  |
| **4. EMOTIONS: BEFORE / AFTER EM**    -Before: More negative emotion associated with increased  intention to reduce waste management.  -After: Replaceable containers with prepress. Containers for  separate collection of garbage. Ring method garbage collection  - solid waste collection by a garbage truck that arrives once  every few days to a special schedule. |