**Project Title: Smart waste management Project Design Phase-I** - **Solution Fit Template Team ID:**PNT2022TMD 29903

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

**Explore AS, differentiate**

**Deﬁne CS, ﬁt into CC**

**AS**

**5. AVAILABLE SOLUTIONS**

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

**1.cUSTOMER SEGMENT(S)**

**scdsvdr**

**Explore AS, differentiate**

**Define CS, fit into CC**

Web application

For cities

Waste

minimization

Recycling

It we need hardware

Environment

**BE**

**7. BEHAVIOUR**

**RC**

**9. PROBLEM ROOT CAUSE**

.

**J&P**

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

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

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

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Monitoring whether the bin filled or not?

Waste overflows out of the dustbins

Smart waste management

Plan optimal collection routes

To avoid overflow and missed pickups

Location of bins should view through the web application

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Identify strong TR & EM** | **3. TRIGGERS TR**    Efficient solution  popularity | **10. YOUR SOLUTION SL**    Garbage level detection  0  Empty the bin | 1. **CHANNELS of BEHAVIOUR CH**   .  In offline location send  Location send to web application through online |  |
| **4. EMOTIONS: BEFORE / AFTER EM**    Avoid overflow waste  Waste overflows |

**Identify strong TR & EM**

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