IOT Based Smart Waste Management for Metropolitan cities

1. CUSTOMER SEGMENT(S) — CS

Who is your customer?

Farmers who are in struggle of maintaining crops.

6. CUSTOMER CONSTRAINTS — CC

What constraints prevent your customers from taking action or limit their choices of solutions?

As it uses electronic chips it need some power supply.

5. AVAILABLE SOLUTIONS — AS

Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have?

The customer can use customer care number to rectify the problem.

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Which jobs-to-be-done (or problems) do you address for your customers?

Growing pressure in outdated waste level of capital investment.

9. PROBLEM ROOT CAUSE — RC

What is the real reason that this problem exists? What is the back story behind the need to do this job?

This problem arises due to improper caring of crops and insufficient water and other sources.

7. BEHAVIOUR — BE

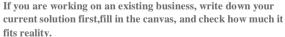What does your customer do to address the problem and get the job done?

The sensor sense any movement in the field and ring the alarm to alert the farmers.

3. TRIGGERS — TR

What triggers customers to act? i.e. seeing their neighbour installing

Seeing how neighbors are installing the system to get good growing of crops

4. EMOTIONS: BEFORE / AFTER — EM

How do customers feel when they face a problem or a job and afterwards?

Before due to dumping of waste people produced by the waste will make people

After installing they will feel at ease as it

10. YOUR SOLUTION — SL

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.
If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

Our solution is to improve the growing of crop using IoT and sensor based technique.

8. CHANNELS of BEHAVIOUR — CH

ONLINE
What kind of actions do customers take online?

If it is in online mode, If there is problem in the sensor circuit the farmer can use customer care.

OFFLINE
What kind of actions do customers take offline?

If it is in offline mode, the company person will address the customer in direct.