

Project Design Phase-I - Solution Fit

Project Title: Smart Waste Management For Metro Politan Cities

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1.CUSTOMER SEGMENTS

- ✓ The global smart waste management market is segmented on the basis of waste type, method source, and region
- ✓ By waste type, it is divided into solid waste, special waste, and e-waste.

6. CUSTOMER CONSTRAINTS

- ✓ Waste management in cities is often times the most expensive item of investment as it involves both the collection of waste and its transportation for appropriate disposal

5. AVAILABLE SOLUTIONS

- ✓ We can significantly reduce the amount of solid waste by following some basic principles of reducing the amount of waste that is created, reusing materials that would otherwise be discarded, by recycling materials and by using recycled materials.

2. JOBS-TO-BE-DONE / PROBLEMS

- ✓ Consult with interested stakeholders.
- ✓ Identify potential waste streams.
- ✓ Evaluate the reuse and recycling program.
- ✓ Consider waste collection strategies.

9. PROBLEM ROOT CAUSE

- ✓ Misunderstanding of the operations of smart sensors: Because this is a new and emerging technology, there is a general misunderstanding of its operations.
- ✓ Setting up the smart sensor

7. BEHAVIOUR

- ✓ Get a full overview of the world of smart waste management in the ultimate guide. Learn how smart sensors can optimize your waste collection.

3. TRIGGERS

- ✓ It triggers an alarm system that will alert the people to dispose of the trash properly.

4. EMOTIONS: Before/After

- ✓ Before the action is taken the user feels deceived and cheated.
- ✓ After the problem is resolved user feels the sincerity of the developer

10. YOUR SOLUTION

- ✓ Shop eco-friendly with reusable bags.
- ✓ Ditch disposables in the kitchen.
- ✓ Reduce food waste
- ✓ Installing more bins for collecting recyclables like paper, glass, plastics.

8. CHANNELS OF BEHAVIOUR

ONLINE

- ✓ Global industry is undergoing major transformations with the genesis of a new paradigm known as the Internet of Things (IoT) with its underlying technologies.

OFFLINE

- ✓ The Smart Waste Management System will simplify, with the Web applications and mobile phone, the solid and hydric waste inspecting process, and the management system of this presentation's total collection process