

PROJECT DESIGN PHASE – I

PREPARE SOLUTION FIT

Date	1 October 2022
Team ID	PNT2022TMID28956
Project Name	Smart Waste Management System For Metropolitan Cities

Problem-Solution Fit canvas		Purpose / Vision	Version:
1. CUSTOMER SEGMENT(S) CS <i>The government, local authorities, neighboring community, public, environmental activists and media has been identified as a key stakeholders.</i>	6. CUSTOMER LIMITATIONS CL <i>Provide better control over odor. Reduce pollution.</i>	5. AVAILABLE SOLUTIONS AS <i>Recycling the nonbiodegradable waste material. Advanced technologies. By reusing the product.</i>	Explore As, differentiate
2. PROBLEMS / PAINS + ITS FREQUENCY PR <i>Tired of bugs and insects. Air emission Good harvest. Possibility of customisation.</i>	9. PROBLEM ROOT / CAUSE RC <i>Industrial waste, Drainage waste, Household waste, Manufacturing and agriculture.</i>	7. BEHAVIOR + ITS INTENSITY BE <i>A creative environment. Big complex garden. Place for experiment.</i>	
3. TRIGGERS TO ACT TR <i>Offer something to get something bigger in return.</i>	10. YOUR SOLUTION SL <i>Reduce the amount of waste that is created. Reuse waste material that would be disgraded.</i>	8. CHANNELS OF BEHAVIOR CH <i>MAYBE THEY GO FOR ADVANCE TECHNOLOGIES.</i> <i>Frequent food waste collection, to encourage participation.</i>	Editort solving & refine Cs of BE
4. EMOTIONS BEFORE / AFTER EM <i>Before solving problem they are in frustration, anger, tension, low confidence. Thinking about problem and solution.</i> <i>After the problem is solved they are happy, getting more confidence, getting ideas.</i>			

Defining CS, R, I, M, C, L
 Focus on PR, TR, I, M, C, L, understand RC
 Identify strong TR & EM

Explore As, differentiate
 Editort solving & refine Cs of BE

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