










Project Design Phase-I - Solution Fit Template

Project Title: – Smart waste management system for Metropolitan cities

Team ID: PNT2022TMID22430

Define CS, fit into C	1. CUSTOMER SEGMENT(S)  <p>The people who dispose various types of waste and people in metropolitan area</p>	6. CUSTOMER CONSTRAINTS  <p>Traditional ways of segregating waste consumes more time and manpower. It requires more cost</p>	5. AVAILABLE SOLUTIONS  <p>Proper segregation and disposal of waste. Reduce, reuse and recycle of waste.</p>	Explore AS, differ
	2. JOBS-TO-BE-DONE / PROBLEMS  <p>Increase in pollution Spread of diseases Environmental pollution</p>	9. PROBLEM ROOT CAUSE  <p>Rapid growth in population results in rapid increase in waste and if it is not properly disposed it may spread various diseases</p>	7. BEHAVIOUR  <p>Automatic opening and closing of bin lid in smart bin Automatic segregation of waste improves efficient disposal of waste Continuous monitoring of waste helps in preventing overflow of bins, thereby keeping the place clean</p>	

3. TRIGGERS  <p>Seeing people with many health problems and living in unhealthy and dirty environment comparing with other countries, their roads and environment which are very clean and healthy</p>	10. YOUR SOLUTION  <p>Our system is used to segregate waste property and intimate to dispose waste when the bin filled</p>	8. CHANNELS of BEHAVIOUR  <p>8.1 ONLINE When the waste bins filled it will send notification to the concerned person to collect and dispose it thereby the surrounding will be clean 8.2 OFFLINE It's is easy to segregate the waste and the waste can be reused wisely The unusable waste can be disposed properly.</p>	Identify
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	<div data-bbox="152 60 454 89">4. EMOTIONS: BEFORE / AFTER</div> <div data-bbox="721 60 761 89">EM</div> <div data-bbox="152 97 786 215"><p>Before the waste was not properly segregated and disposed . It causes bad odour, health problem and dirty environment.</p><p>After waste management the environment become clean. Waste are properly segregated and disposed on time.</p><p>It reduces spread of diseases</p></div>			
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