










## Project Design Phase-I - Solution Fit Template

**Project Title:** – Smart waste management system for Metropolitan cities

**Team ID:** PNT2022TMID22555

Define CS, fit into	<b>1. CUSTOMER SEGMENT(S)</b>  <p>The people who dispose various types of waste and people in metropolitan area</p>	<b>6. CUSTOMER</b>  <p>Traditional ways of segregating waste consumes more time and manpower. It requires more cost</p>	<b>5. AVAILABLE</b>  <p>Proper segregation and disposal of waste. Reduce, reuse and recycle of waste.</p>	Explore AS, differentiate
	<b>2. JOBS-TO-BE-DONE / PROBLEMS</b>  <p>Increase in pollution Spread of diseases</p>	<b>9. PROBLEM ROOT</b>  <p>Rapid growth in population results in rapid increase in waste and if it is not properly disposed it may spread various diseases</p>	<b>7.</b>  <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>	

<b>3. TRIGGERS</b>  <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>	<b>10. YOUR</b>  <p>Our system is used to segregate waste properly and intimate to dispose waste when the bin filled</p>	<b>8. CHANNELS of BEHAVIOUR</b>  <p>When the waste bins filled it will send notification to the concerned person to collect and dispose it thereby the suffounding will be clean  <b>8.2 OFFLINE</b>              It's is easy to segregate the waste and the waste can be reused wisely              The unusable waste can be disposed properly.</p>
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	<div data-bbox="152 60 501 86"><b>4. EMOTIONS: BEFORE / AFTER</b></div> <div data-bbox="723 55 768 86"><b>EM</b></div> <p data-bbox="152 94 804 130">Before the waste was not properly segregated and disposed . It causes bad odour, health problem and dirty environment.</p> <p data-bbox="152 135 804 172">After waste management the environment become clean. Waste are properly segregated and disposed on time.</p> <p data-bbox="152 189 336 207">It reduces spread of diseases</p>			
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