


Project Design Phase-I - Solution Fit Template

Project Title: – Smart waste management system for Metropolitan cities

Team ID: PNT2022TMID05652

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

<div>3. TRIGGERS<div>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</div><div>T</div></div>	<div>10. YOUR<div>Our system is used to segregate waste properly and intimate to dispose waste when the bin filled</div><div>SL</div></div>	<div>8. CHANNELS of BEHAVIOUR<div>When the waste bins filled it will send notification to the concerned person to collect and dispose it thereby the suffounding 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.</div><div>C</div></div>	12
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	<div data-bbox="152 60 501 86">4. EMOTIONS: BEFORE / AFTER</div> <div data-bbox="723 55 766 86"></div> <div data-bbox="152 92 804 207"><p>Befoie the waste was not píopefly segiegated and disposed . It causes bad odouí, healthpíoblem and díity envíonment.</p><p>After waste management the envíonment become clean. Waste afe píopefly segiegatedand disposed on time.</p><p>It íeduces spíead of díseases</p></div>			
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