

PROJECT TITLE: SMART WASTE MANAGEMENT SYSTEM

PROJECT DESIGN PHASE-1 -SOLUTION FIT TEMPLATE

TEAM ID: PNT2022TMID05128

<i>Define CS, fit into CC</i>	CS	CC	AS
	1. CUSTOMER SEGMENT(S)	6. CUSTOMER CONSTRAINTS	5.AVAILABLE SOLUTIONS
	<ul style="list-style-type: none">❖ Waste holders, such as private individuals, property owners or companies are our customers.	<ul style="list-style-type: none">❖ Waste holders, such as private individuals, property owners or companies are our customers.❖ As it is technology based it needs internet access to work properly.❖ Customers need to buy some IOT Devices to access.❖ They may use solar energy instead of electrical power	<ul style="list-style-type: none">❖ Shop eco _friendly with reusable bags.❖ Join buy -and-sell groups.❖ Digital trash bins are alternative to dustbins because digital bins can detect the trash level and send notifications to the customers.

<i>Focus on J&P, tup into BE, understand RC</i>	J&P	RC	BE
	2. JOBS-TO-BE-DONE / PROBLEMS	9. PROBLEM ROOT CAUSE	7. BEHAVIOUR
	<ul style="list-style-type: none">❖ Separate your waste.❖ Create a composite site.❖ Growing pressure in outdated waste management infrastructure, with declining level of capital investments and maintence.	<ul style="list-style-type: none">❖ Lack of industry expertise.❖ Emission of greenhouse gases.❖ Poor recycling quality due to lack of education.	<ul style="list-style-type: none">❖ If the sensors are not working properly contact the customer care or drop a message.

<i>Identify strong TR & EM</i>	TR	SL	CH
	<p>3. TRIGGER</p> <p>❖ Seeing how neighbors are having a clean environment after using it people will get admire my seeing others.</p>	<p>10. YOUR SOLUTION</p> <p>❖ Our solutions is to manage the waste efficiently by indicating the garbage level to the users as well as authenticating persons to collect it and proceed to further process with the garbage.</p>	<p>8.CHANNELS of BEHCHANAVIOUR</p> <p>ONLINE:</p> <p>❖ If it is in online mode, the bin is full it sends the notification to the authorized persons</p>
	<p>EM</p> <p>4.EMOTIONS:BEFORE /AFTER</p> <p>❖ Before using this technology, society is suffered by health issues because the waste products produce air pollution.</p> <p>❖ After using this technology, they feel at easy as it provides a clean society.</p>	<p>❖ The purpose is of making clean Environment.</p> <p>REDUCE- REUSE- RECYCLE</p>	<p>OFFLINE:</p> <p>❖ If it is offline every day the waste collecting trucks will collect garbage from home.</p>