

PROJECT TITLE: SMART WASTE MANAGEMENT SYSTEM

PROJECT DESIGN PHASE-1 -SOLUTION FIT TEMPLATE

TEAM ID:PNT2022TMID40955

Define CS, fit into CC	CS	CC	AS
	1. CUSTOMER SEGMENT(S) <ul style="list-style-type: none">◆ Waste holders, such as private individuals, property owners or companies are our customers.	6. CUSTOMER CONSTRAINTS <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	5.AVAILABLE SOLUTIONS <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.

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◆ Separate your waste.◆ Create a composite site.◆ Growing pressure in outdated waste management infrastructure, with declining level of capital investments and maintence.	9.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

Identify strong TR & EM	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>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>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>◆ The purpose is of making clean Environment. REDUCE- REUSE- RECYCLE</p>	<p>&CHANNELS of BEHCHANA VIOUR</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>OFFLINE:</p> <p>◆ If it is offline every day the waste collecting trucks will collect garbage from home.</p>