

Problem – Solution Fit : Municipality members who are Government authorities are in need of automation in waste management system so that they can maintain pollution free environment in an efficient manner

Define CS, fit into	1. CUSTOMER SEGMENT(S) CS Administrative Members in the Municipality Center responsible for monitoring the collection of wastes on time and to maintain pollution free Environment.	6. CUSTOMER CC System may fail due to intolerable Environmental conditions and minor fault in electronic device components leading to replacement of the existing components.	5. AVAILABLE SOLUTIONS AS System remains compact in size making implementation process easier, the complete automation process helps in reducing manual errors and the amount invested on the waste collecting bin can be brought down.	Explore AS, Focus on J&P, tap into BE, understand
	2. JOBS-TO-BE-DONE / PROBLEMS J&P Non-availability of actions to ensure collection of wastes on time and to make use of available dustbins in a particular area efficiently leading to the decomposition of wastes frequently.	9. PROBLEM ROOT CAUSE RC Inaccurate methodology to ensure the status of the waste collecting bin periodically and absence of proper analyzing methods to decide the number of required bins in order to maintain pollution free environment.	7. BEHAVIOUR BE Monitoring the data from the sensors and alerts the nearby truck with the help of GPS module on reaching threshold value. Preparing an analysis chart by inferring the collected data.	
Identify strong TR & EM	3. TRIGGERS Customers are duty-bound to the Government higher authorities and concerned about the public's health.	10. YOUR SOLUTION SL Interfacing of appropriate sensors to know the level of the bin and to avoid decomposition of wastes. Reduction of Fuel consumption is done by using the GPS technology. Analysis chart to fix the number of bins required in a particular location.	8. CHANNELS of BEHAVIOUR CH 8.1 ONLINE Collected data is stored on the cloud for further analysis. On reaching the threshold value the information is send to the municipality members via Gmail.	Extract online & offline CH of BE
	4. EMOTIONS: EM People were unhappy and worried about their surroundings. With the initiative taken by the Government people feel happy and secure.		8.2 OFFLINE The nearest truck is informed about the event of collecting waste with the help of GSM module.	