

Problem-Solution fit canvas 2.0

Define CS, fit into CC	<div>1. <u>CUSTOMER SEGMENT(S)</u> CS</div> <div>Consumers want their surroundings to be clean and hygienic. Consumers are suffering from several diseases through the unwanted wastes.</div>	<div>6. <u>CUSTOMER CONSTRAINTS</u> CC</div> <div>The Choices of solutions are limited by their budget, knowledge required to use the solution, database access, database connectivity, etc.</div>	<div>5. <u>AVAILABLE SOLUTIONS</u> AS</div> <div>Track the location with real-time data.Garbage level detection in bins. Using the Internet of Things will lead to smart connectivity and we can view the location of every dustbin in the webapp.</div>	Explore AS, differentiate
	<div>2. <u>JOBS-TO-BE-DONE/ PROBLEMS</u> J&P</div> <div>Garbage level detection in bins. Getting the weight of the garbage in the bin. Alerts the authorized person to empty the bin whenever the bins are full.Garbage level of the bins can be monitored through a web App.We can view the location of every bin in the web application by sending GPS location from the device.</div>	<div>9. <u>PROBLEM ROOT CAUSE</u> RC</div> <div>Poor waste management contributes to climate change and air pollution, and directly affects many ecosystems and species. Landfills, considered the last resort in the waste hierarchy, release methane, a very powerful greenhouse gas linked to climate change.</div>	<div>7. <u>BEHAVIOR</u> BE</div> <div>Verify whether the database orcentral control cloud is giving the correct information,to check the correctness of sensors is very important, webapp to be updated.</div>	
Identify strong TR & EM	<div>3. <u>TRIGGERS</u> TR</div> <div>Consumers are well suffered from worst cases and lead to various kind of diseases and also causes the unhygienic environment.</div>	<div>10. <u>YOUR SOLUTION</u> SL</div> <div>Based on the problems happen by the solid waste. The solution for the above problem is using new technology such as Smart Waste Management for Metropolitan Cities, Internet of Things, Python IDLE, latest technology can contribute to prevent and reduce the diseases and problem caused by wastes.</div>	<div>8. <u>CHANNELS of BEHAVIOUR</u> CH</div> <div>1. <u>ONLINE</u> Communities can easily get the information from the database or control control to their respective mobiles. Proper verification. Garbage level of the bins monitored through a web server.</div>	Extract online & offline CH of BE
	<div>4. <u>EMOTIONS: BEFORE / AFTER</u> EM</div> <div>In recent years people are affected severely and also our environment polluted. Using this technology people can get the notification from the database management through wireless transmission .</div>		<div>8.2 <u>OFFLINE</u> It is time consuming process It is complex to reduce the wastes.</div>	