

Problem-Solution Fit canvas

Purpose / Vision

Version:

Define CS, fit into CL	1. CUSTOMER SEGMENT(S)	6. CUSTOMER LIMITATIONS	EG. BUDGET, DEVICES	CL	5. AVAILABLE SOLUTIONS PLUSES & MINUSES	AS	Explore AS, differentiate
	The Public people who use the public dust bins to dispose their daily household wastes	When the bin becomes full the people are forced to throw away the wastes on the roads which leads to dirty and bad smells being spread across the roads.	There is no other solution found for the people in the past they just throw away the waste along other overflowing <u>wastes</u> . Some may complaint to department about <u>it</u> , else no solution is found in the past .				
Focus on PR, tap into BE, understand RC	2. PROBLEMS / PAINS + ITS FREQUENCY	PR	9. PROBLEM ROOT / CAUSE	RC	7. BEHAVIOR + ITS INTENSITY	BE	Focus on PR, tap into BE, understand RC
	The bin being full and wastes being overflowed on the roads is a main concern of many people as it produces bad smell and disease spreading concerns to the <u>people</u> <u>living</u> near-by.	The main reason for this problem is the bin not being emptied by the staffs in that area on time due to which it overflows on <u>roads</u> . More number of bins can be placed but that makes the cleaning process a little more <u>complex</u> . A advanced sensing and managing technique can help them overcome this <u>technique</u> .	Directly-Related: People tend to just throw away the wastes along with the other overflowing wastes around the bin and walk <u>back</u> . Indirectly-Related: Some public volunteers tend to clean them if not cleaned for a long <u>time</u> , some people may complain to cleaning staff that the bin is overflowed on roads.				
Identify strong TR & EA	3. TRIGGERS TO ACT	TR	10. YOUR SOLUTION	SL	8. CHANNELS of BEHAVIOR	CH	Extract online & offline CH of BE
	4. EMOTIONS BEFORE / AFTER	EM	<ul style="list-style-type: none"> The bins can be monitored frequently with the help of a sensor through which the admin or the authorized person can check the level of the bin and report it to the area cleaning staffs about the fullness of the bin so that they can empty the bin on <u>time</u>. To make it a little easier the web application shows the highest level bin and then the <u>others</u>. To make it more unique a solar panel can be used for the electrical circuits for this mechanism. 	ONLINE The administrator looks for the levels of the bin and orders for the <u>highest level</u> bin to be emptied first.			
OFFLINE The cleaning staffs receive the message and location of the bin that is full and arrives and empties the bin <u>accordingly</u> .							



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