

Problem-Solution Fit canvas

Purpose / Vision

Version:

Define CS, fit into CL	1. CUSTOMER SEGMENT(S) CS Home makers ad industry workers	6. CUSTOMER LIMITATIONS CL <small>EG. BUDGET, DEVICES</small> Budget: Low budget Devices: Microcontroller,Arduino,Gas sensor,Internet,GSM module SIM900A	5. AVAILABLE SOLUTIONS AS <small>PLUSES & MINUSES</small> Plus: prevent the high risk of gas explosion and affecting any casualties within and outside the premises. Minus: Its sensitively depends on Humidity and Temperature.	Explore AS, differentiate
	2. PROBLEMS / PAINS + ITS FREQUENCY PR Incase if there is any network issue the altering message will not reach to the corresponding user's mobile phone on time	9. PROBLEM ROOT / CAUSE RC People think that the investment/ capital cost is too expensive	7. BEHAVIOR + ITS INTENSITY BE Always turnoff the knob on the gas cylinder After use , do not operates any electrical switches ,appliances or equipment in the kitchen.	
Identify strong TR & EM	3. TRIGGERS TO ACT TR Triggers to act: * Avoid leakage and explosion *To usesafeLPG	10. YOUR SOLUTION SL In this proposed system,if the gas leakage is detected by LPG gas sensor the device gets on with buzzer alarm and displaying alert message in LCD display.If there is no person, while gas leakage automatically power off at the same time the notification will be sent to user through mobile by SMS.	8. CHANNELS of BEHAVIOR CH ONLINE users share their experience about the device in a social media	Extract online & offline CH of BE
	4. EMOTIONS EM <small>BEFORE / AFTER</small> Before: Insecure, Suspicious After :feel free, reliable or predictable		OFFLINE users share their experience about the device to their friendsandcolleagues	



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 Designed by Daria Nepriakhina / IdeaHackers.nl - we tailor ideas to customer behaviour and increase solution adoption probability.