

Define CS, fit into CC	<div><div><div>1. CUSTOMER SEGMENT(S) <small>Who is your customer? i.e. working parents of 0-5 y.o. kids</small></div><div>CS</div><div>Industrial manager who wants to ensure safety purposes.</div></div></div>	<div><div><div>6. CUSTOMER CONSTRAINTS <small>What constraints prevent your customers from taking action or limit their choices of solutions? i.e., spending power, budget, no cash, network connection, available devices.</small></div><div>CC</div><div>Toxic gas should be more than 200 ppm but not more than 2000ppm by volume of gas.</div></div></div>	<div><div><div>5. AVAILABLE SOLUTIONS <small>Which solutions are available to the customers when they face the problem  or need to get the job done? What have they tried in the past? What pros &amp; cons do these solutions have? i.e. pen and paper</small></div><div>AS</div><div>To Reduce toxic gases which is measured in low concentration.</div></div></div>	Explore AS, differentiate
	<div><div><div>2. JOBS-TO-BE-DONE / PROBLEMS <small>Which jobs-to-be-done (or problems) do you address for</small></div><div></div><div>To detect flammable,combustible and poisonous gas and for loss of oxygen</div></div></div>	<div><div><div>9. PROBLEM ROOT CAUSE <small>What is the real reason that this problem exists? What is the back</small></div><div>RC</div><div>Voltage fluctuations can cause fire accidents And mixing of chemicals can sometimes expose Toxic gas are the main reason behind it.</div></div></div>	<div><div><div>7. BEHAVIOUR <small>What does your customer do to address the problem and get the job done?  i.e. directly related: find the right solar panel installer, calculate</small></div><div>BE</div><div>The industrial workers use an alarm and also use a GSM module to get notification</div></div></div>	
Focus on J&P, tap into BE, understand RC				Focus on J&P, tap into BE, understand RC

3. TRIGGERS

TR

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

Getting full safety and workers to work without fear from fire and other smoke accidents.

4. EMOTIONS: BEFORE / AFTER

EM

How do customers feel when they face a problem or a job and afterwards?  
i.e. lost, insecure > confident, in control - use it in your communication strategy & design

Before: feeling uncomfortable and unsafe due to fire and toxic gas accidents.  
After: feeling safe about their work

10. YOUR SOLUTION

SL

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.  
If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

We can use various mq sensors for measuring gas concentration. for detecting LPG, H2, CO, Alcohol

8. CHANNELS of BEHAVIOUR

CH

8.1 ONLINE

What kind of actions do customers take online? Extract online channels from #7

The user or manager can access gas concentration through GSM Module.

OFFLINE

What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

The audible alarm indication helps workers to work properly.