

Project Design Phase-I Solution_fit_Template

Date	1 Oct2022
Team ID	PNT2022TMID48099
Project Name	Hazardous Area Monitoring for Industrial Plant Powered by IOT
Maximum Marks	4 Marks

Project Title:

Project Design Phase-I - Solution Fit Template

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Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS <small>Who is your customer? I.e. working parents of 0-5 y.o. kids</small> <div style="text-align: center;">industrial owners</div>	6. CUSTOMER CONSTRAINTS CC <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 style="text-align: center;">Identify flammable release source for the studied area in industry</div>	5. AVAILABLE SOLUTIONS AS <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 & cons do these solutions have? I.e. pen and paper is an alternative to digital notetaking</small> <div style="text-align: center;">All in one solution for Hazardous Area .360 integration of our solution</div>	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS J&P <small>Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.</small> <div style="text-align: center;">obey the safety Requirements. one of the main cause of injuries and accidents.</div>	9. PROBLEM ROOT CAUSE RC <small>What is the real reason that this problem exists? What is the back story behind the need to do this job? I.e. customers have to do it because of the change in regulations.</small> <div style="text-align: center;">To reduce the risk from HazardousAccidents.</div>	7. BEHAVIOUR BE <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 usage and benefits; indirectly associated: customers spend free time on volunteering work (I.e. Greenpeace)</small> <div style="text-align: center;">Directly related : find the correct place to monitor the area</div>	
Identify strong TR & EM	3. TRIGGERS TR <small>What triggers customers to act? I.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.</small> <div style="text-align: center;">To installing and developing the monitoring systems</div>	10. YOUR SOLUTION SL <small>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.</small> <div style="text-align: center;">Monitoring the hazardous area and storing and Alerting by using sound</div>	8. CHANNELS of BEHAVIOUR CH 8.1 ONLINE <small>What kind of actions do customers take online? Extract online channels from #7</small> 8.2 OFFLINE <small>What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.</small> <div style="text-align: center;">Monitoring Data were stored in cloud monitored value Are shown in display and It indicate the Alarm or buzzer sound</div>	Identify strong TR & EM
	4. EMOTIONS: BEFORE / AFTER EM <small>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.</small> <div style="text-align: center;">our Employees & Machine in control. easy secure our industry from hazardous</div>		8. CHANNELS of BEHAVIOUR CH 8.1 ONLINE <small>What kind of actions do customers take online? Extract online channels from #7</small> 8.2 OFFLINE <small>What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.</small> <div style="text-align: center;">Monitoring Data were stored in cloud monitored value Are shown in display and It indicate the Alarm or buzzer sound</div>	