

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	<p>1. CUSTOMER SEGMENT(S) Who is your customer? i.e. working parents of 0-5 y.o. kids</p> <p>Industrial owners</p>	<p>6. CUSTOMER CONSTRAINTS What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available services</p> <p>Identify flammable release source for the studied area in industry</p>	<p>5. AVAILABLE SOLUTIONS 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</p> <p>All in one solution for Hazardous Area .360 integration of our solution</p>	Explore AS, differentiate
Focus on J&P, tap into BE, understand RC	<p>2. JOBS-TO-BE-DONE / PROBLEMS Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.</p> <p>obey the safety Requirements. one of the main cause of injuries and accidents.</p>	<p>9. PROBLEM ROOT CAUSE 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.</p> <p>To reduce the risk from Hazardous Accidents.</p>	<p>7. BEHAVIOUR 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)</p> <p>Directly related : find the correct place to monitor the area</p>	BE
Identify strong TR & EM	<p>3. TRIGGERS What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.</p> <p>To installing and developing the monitoring systems</p>	<p>10. YOUR SOLUTION 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.</p> <p>Monitoring the hazardous area and storing and Alerting by using sound</p>	<p>8. CHANNELS of BEHAVIOUR</p> <p>8.1 ONLINE What kind of actions do customers take online? Extract online channels from #7 and use them for customer development.</p> <p>8.2 OFFLINE What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.</p> <p>Monitoring Data were stored in cloud monitored value Are shown in display and It indicate the Alarm or buzzer sound</p>	CH