

Project Design Phase1

Problem Solution Fit

Date	17 October 2022
Team ID	PNT2022TMID51954
Project Name	Gas leakage monitoring and alerting system for industries.

<p>Define CS, fit into CL</p> <p>Focus on PR, tap into RC</p> <p>Identify strong TR & EM</p>	<p>1. CUSTOMER SEGMENT(S) CS</p> <p>The industrialists who use gases for their manufacturing</p>	<p>6. CUSTOMER LIMITATIONS CL <small>EG. BUDGET, DEVICES</small></p> <p>High budget in installing other products make them to move far from modern</p>	<p>5. AVAILABLE SOLUTIONS AS <small>PLUSES & MINUSES</small></p> <p>The monitoring and controlling of the leakage could be done by the manpower. Even though man</p>	<p>Explore AS, differentiate</p> <p>Focus on PR, tap into BE, understand RC</p> <p>Extract online & offline CH of BE</p>
	<p>2. PROBLEMS / PAINS PR <small>+ ITS FREQUENCY</small></p> <p>Suffering from many losses due to gas leakage. Having no proper system for controlling or monitoring the</p>	<p>9. PROBLEM ROOT / CAUSE RC</p> <p>When the workers failed to monitor properly, the gas can cause high risk to their leakage causes</p>	<p>7. BEHAVIOR BE <small>+ ITS INTENSITY</small></p>	
	<p>3. TRIGGERS TO ACT TR</p> <p>The heavy damages or higher health issues due to the toxic gases urges</p> <p>4. EMOTIONS EM <small>BEFORE / AFTER</small></p> <p>Before: The heavy losses due to the leakages made them feel of guilt due to reduced reputation of the immediate</p>	<p>10. YOUR SOLUTION SL</p> <p>Develop an efficient system & an application that can monitor and alert the workers. hazards and</p>	<p>8. CHANNELS of BEHAVIOR CH</p> <p>Promoting through social media. With the help of social media</p> <p>OFFLINE</p> <p>Through newspaper advertisements.</p>	