

PROBLEM SOLUTION FIT

Gas Leakage Monitoring & Alerting System for Industries

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS <p>Most of the Industry workers who are engaged with gas related productions.</p>	6. CUSTOMER CC <ul style="list-style-type: none"> ➤ It measures toxic gases in very low concentrations. ➤ It has ability to detect wide range of gases. ➤ It is difficult to know failure. 	5. AVAILABLE SOLUTIONS AS <p>Test benches, Quick connectors (They enable a fast and tight “Connection” also on non-round and cast surfaces), Leak tester are some of the available solution.</p>	Explore AS, differentiate
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS J&P <p>Flammable gas leakage may lead to secondary accidents such as fire and explosion, while toxic gas dispersion mainly leads to poisoning casualties lead to death.</p>	9. PROBLEM ROOT CAUSE RC <p>Behind this gas leakage problem there could be many reasons like atomic reactions between gas molecules, material’s quality...etc. Even though customers have to do this job then only we can get our end products or needful chemical solutions.</p>	7. BEHAVIOUR BE <p>Have a check of where it has the sense of Harmful gases such as H2S, Methane, and CO. Will also check for temperature sensor that helps to detect the concentration of the gases present in the atmosphere to avoid hazardous consequences like fire breakouts.</p>	Focus on J&P, tap into BE, understand RC
Identify strong TR & EM	3. TRIGGERS TR <p>Constitution should bring gas leakage indicating system as a mandatory precaution in every factory and industries like fire extinguisher.</p> <hr/> 4. EMOTIONS: BEFORE / AFTER EM <p>While facing the problem people may get fatigue, dizziness, severe headache, loss of concentration, loss of consciousness. After people feel insecurity because of the health issues it’s hard for them to lead a normal life.</p>	10. YOUR SOLUTION SL <p>We are planning to fit a sensor nearby the gas plants which will detect if there is any leak of gas. If there is gas leak then we will send a message to admin department and also alarm will be set on so that the workers can know about the leak and run into a safe place.</p>	8. CHANNELS of BEHAVIOUR CH <p>8.1 ONLINE</p> <ul style="list-style-type: none"> ➤ In online, user can monitor the sensor and its rates, sensors like temperature, gas, humidity, oxygen level. ➤ Also have the statistical report. ➤ Precautions can be altered. <p>8.2 OFFLINE</p> <ul style="list-style-type: none"> ➤ They have to manually check the leakage of gases when the statistics changes. ➤ Handling the critical situation should be taken care of the safety officers. 	Extract online & offline CH of BE