

Project Title: Gas Leakage Monitoring and Alerting System for Industries

Project Design Phase-I - Solution Fit Template

Team ID: PNT2022TMID11664

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS Our customers are industry who are used to manufacturing in the industry	6. CUSTOMER CONSTRAINTS CC High budget in installing other products make them to move far from modern technologies.	5. AVAILABLE SOLUTIONS AS The monitoring and controlling of the leakage could be done by the manpower. Even though manpower could reduce electricity costs and monitor properly, it may cause a high risk to their life. There is also a cause of some errors due to manpower.	Explore AS, differentiate
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS J&P <ul style="list-style-type: none"> While the gases are leaked our product jobs is to detect the gas leakage Our problem is to detect the various gas leakage thorough our product 	9. PROBLEM ROOT CAUSE RC When the workers failed to monitor properly, the gas can cause high risk to their health or the properties of the industry	7. BEHAVIOUR BE <ul style="list-style-type: none"> Using manpower as the source of monitoring the leakage causes high hazards. If the gas leak is heavily toxic, there is a chance of causing hereditary health issues too. 	Focus on J&P, tap into BE, understand RC
Identify strong TR & EM	3. TRIGGERS TR The heavy damages or higher health issues due to the toxic gases urges them to find out a solution as soon as they could possible.	10. YOUR SOLUTION SL Develop an efficient system & an application that can monitor and alert the workers. avieur.	8. CHANNELS of BEHAVIOUR CH 8.1 ONLINE We are promoting through social media. With the help of social media entrepreneurs/influencers.	Extract online & offline CH of BE
	4. EMOTIONS: BEFORE / AFTER EM Before: The heavy losses due to the leakages made them feel of guilt due to reduced reputation of their products. After: Increased the level of confidence and feel secured communication strategy & design.		8.2 OFFLINE Through newspaper advertisements	