

Ideation Phase

Define the Problem Statements

Date	27 September 2022
Team ID	PNT2022TMID33687
Project Name	Project – Gas Leakage Monitoring And Alerting System
Maximum Marks	2 Marks

Customer Problem Statement:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	An industrial person	To avoid the both the financial and human losses due to accidents that occur because of gas leakage.	It is unable to identify the gas leakage and prevent that.	There is no external device to sense the leakage and people cannot keep checking on that.	Stressed and depressed because of losses caused due to the gas leakage.
PS-2	People of the society	To keep my family safe from the accidents happening in case of gas leakage.	It is not possible during all times because it can happen when I am not in home.	There are a lot of other work so I can't check it constantly whether it is on or off.	Scared to leave the kids in the home alone. Very depressed in case of losses occurred.
PS 3	An Industrial person	To alert the people regarding the gas leakage.	Unable to check and inform the person individually often.	No device is also available to detect and give indication of leakage.	Helpless and sad about the inability to help them.