

Ideation Phase

Define the Problem Statements

Date	18 oct 2022
Team ID	PNT2022TMID28556
Project Name	Gas Leakage Monitoring And Alerting System
Maximum Marks	2 Marks

Customer Problem Statement Template.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Industries and Household users are the customers of our project.	It helps the users to avoid gas leakage accidents and also alert them by sending messages.	It may fail to send messages to the household users or they may not give attention to those messages.	Lack of public awareness and due to high cost of implementing this system in households.	To reduce and prevent the accidents occur due to the gas leakages such as LPG's or any other toxic hazardous gases which are very harmful to the living things and their belongings.
PS-2	Gases such as LPG's, Natural gas, and other hazardous gas using industries and household gas users.	Home's and Industries can install our project in their environments. It helps to prevent gas leakage accidents by alerting them with an alarm system and also send messages.	Accidents can occur anytime and anywhere, It is not in our hands to stop these accidents	Every electronic devices can fail sometime to work properly. It is also an expensive method to implement.	Many lives were gone due to this accidents worldwide some examples like Bopal tragedy which caused 10000 to 15000 to lose their lives.