

Ideation Phase

Define the Problem Statements

Date	21 October 2022
Team ID	PNT2022TMID03078
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Marks	2 Marks

Natural gas is often used in our homes and is excellent for burning things. If this gas leaks into our factories, offices, or kitchens without being discovered in time, it could result in a calamity that is fatal and result in human casualties.

We proposed the idea of creating such an electronic gadget to detect the leaking and notify the appropriate individuals in order to address the leakage issue and protect both assets and lives. Furthermore, it lowers our economic rate.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Industrialist	Trying to monitor the gas leakage	Don't have any system for monitoring	The cost of the system is expensive, and it occasionally causes calamities.	expensive
PS-2	Industrialist	Control the gas leakage	Installation cost and process is little complicated	The location of the equipment is incorrect and the number of sensors is variable.	Unsafe