

# Ideation Phase

## Define the Problem Statements

Date	18 September 2022
Team ID	PNT2022TMID30535
Project Name	Gas Leakage Monitoring And Alerting System For Industries
Maximum Marks	2 Marks

Gas leakage prompts different mishaps coming about into both monetary misfortune as well as human wounds. In human's everyday existence, the environment gives the main effect on their medical problems. The risk of firing, explosion, suffocation all depend on their actual properties such combustibility, harmfulness and so on. The number of deaths because of the blast of gas cylinders has been expanding as of late. The justification behind such explosions is because sub standard cylinders, old valves, worn out regulators and absence of mindfulness utilizing gas cylinders add to the dangers. Inspections by oil organizations observed that numerous LPG buyer know nothing about security checks of gas cylinders. Another explanation is that unlawful filling of gas chambers additionally causes mishaps. There is a requirement for a framework to identify and furthermore forestall leakage of LPG.

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I am	I'm trying to	But	Because	Which makes me feel
Employee	To control the gas leakage	But also, the installation process is too complicated	Because the number of sensors is unpredictable and the positioning of equipment is improper	Disappointments

Problem Statement (PS)	I am (Customer)	I am trying to	But	Because	Which makes me feel
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PS-2	Employee	To control the gasleakage	But also, the installationprocess is too complicated	Because the number of sensors is unpredictable and the positioning of equipment isimproper	Disappointments