

Ideation Phase
Define the Problem Statements

Date	28 September 2022
Team ID	PNT2022TMID19555
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES
Maximum Marks	2 Marks

Safety plays a critical role in today's world and it is important that certain solutions should be implemented in places of work and living. In home and many industries use different type of gases. In home we use natural gas for burning purposes. In Industries we transfer the gas through pipe line at the time gas leakage is possible. We use sensors to detect the gas leakage and it will send the alert message to user and it protect our human life.



Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Industrialist	Monitor gas in the industry	I don't have any device to monitor the gas leakage	The affordable of the system is high and the system are sometimes make damage.	Unsafe
PS-2	Industrialist	Control the gas leakage	Also, the installation and maintenance process is too complicated.	The number of sensors are used to monitor the leakage so it is unpredictable and the positioning of the equipment is improper.	Disastrous