IDEATION PHASE

DEFINE THE PROBLEM STATEMENT

DATE	18 September 2022
TEAM ID	PNT2022TMID31403
PROJECT NAME	Gas leakage monitoring & Alerting system for Industries
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- The danger happens when gas leaks out.It is dangerous because gas is inflammable,which means that if there's a flame or even a spark in the area of a leak,it could cause a fire or explosion.
- A gas leak can happen if a gas pipe is damaged or a fitting is loose.
- There is a possibility of avoiding such dangerous problems,by ventilating the leaked gas out of the area,and by alerting the people.
- Goal of our project,"Provide the safe and best product using Internet of things,to people which detects the gas leakage and alert them,and ensure their safety".

Problem Statement (PS)	I am (Customer)	I am trying to	But	Because	Which makes me feel
PS-1	Industrialist	Monitor gas leakage in the industry	I don't have any system for monitoring	The affordable of the system is high and the systems are sometimes making disasters	Unsafe
PS-2	Industrialist	Control the gas leakage	Also, the installation process is too complicated	The number of sensors is unpredictable and the positioning of equipment is improper	Disastrous