Project Design Phase – 1Proposed Solution

Team ID	PNT2022TMID54081
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement	To detect the gas leakage to alert the user through alarms.
2.	Solution Description	In order to have a control over such hazardous conditions we have proposed a system that uses sensors which is capable of detecting the gases such as LPG, CO, etc. This system will not only detect the leakage of gas, but it will also alert the user through alarms.
3.	Uniqueness	• Low Cost • Reliability • Predict hazardous situation
4.	Social Impact	• This system will create a vital impact in the society because, there are lot of people who are not able to detect the gas leakage prior to the fire accident. • We have used the IOT technology to make a Gas Leakage Detector

		for society, which includes Smart Alerting techniques involves sending an alert message or mail to the concerned users.

5.	Business Model	The gas leakage management business model under pins a risk management model. This business model is used to calculate the probability of leakage of gas.This outcome allows for a better understanding of how changes in one aspect of management can affect otheraspects of management.