

# GAS LEAKAGE MONITORING AND ALARMING SYSTEM

## Project design phase 1

### Proposed solution template

S.NO	PARAMETER	DISCRIPTION
1.	Problem Statement (Problem to be solved)	Gas leakage can cause fire that will lead to serious injury or death and it also can destroy human properties.
2.	Idea / Solution description	<ul style="list-style-type: none"><li>○ Know Safety Protocol</li><li>○ Perform Regular Inspections</li><li>○ Improve Monitoring Strategy</li><li>○ Keep and Reference Records</li></ul>
3.	Novelty / Uniqueness	Gas leak sensors detect the presence of a combustible or toxic gas and react by displaying a reading, setting off an audible or visual alarm and/or sending an alert to your phone.
4.	Social Impact / Customer Satisfaction	The main domestic uses of LPG are with respect to lighting, refrigeration, cooking and most of all heating. It is as good for powering standalone stoves and huge cooking stoves. It has been found to be cost effective and hence is used in large scale cooking also. The main reason behind this is easy accessibility, low cost per unit and the environment friendly properties of LPG.
5.	Business Model (Revenue Model)	This system developed an optimized logistics and service process that ensures your safety and compliance at the lowest possible cost.
6.	Scalability of the Solution	These gas monitoring and detecting system will reduce the infrastructure cost for the managements and are highly reliable and efficient in monitoring the gas based on the internet.

