LPG MONITORING AND BOOKING SYSTEM

**UNDER THE ESTIMATED PROJECT GUAIDANCE BY:**

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**Abstract:**An intelligent LPG monitoring system designed for automatic LPG booking and leakage monitoring.

In a typical day while cooking food we may run out of gas, this may cause inconvenience and waste of time to us. Also sometimes the gas from LPG Cylinder may leak out causing massive explosions which may take away many lives. The proposed system can overcome the above two problems which can detect the low  level of LPG in the cylinder and automatically books the gas through SMS. Also during gas leakage the alert buzzer is activated and the exhaust fan is run to  send out the leaked gas thereby avoiding gas leakage.

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COMPONENTS REQUIRED:

* Micro controller
* Gas sensor
* Buzzer
* LOADCELL SENSOR
* Relay circuit
* MIST FANS
* Blue-tooth/ WI-FI module

**WORKING PROCEDURE**:

In this criteria “LOADCELL SENSORS” are used to set a level in respect with the threshold level. Presence of “GAS SENSOR” will enhance to fix to tell the presence of gas or not in the surroundings. Presence of gas will helps to fix the “MIST FANS”. Based on the threshold that your selected system may operate. This system is going to text (SMS ) through the Bluetooth/WI-FI to your android device. Which enables you to send a SMS from your android device to the Bookingcenter.

**CONCLUSION:**

Now a days most of the systems relating to this monitoring systems relating with this type of systems are deals with the “whether the presence of gas leakage or not “ which is a quite drawbackable system and expensive with less use.

In order to avoid this complexity of the system we are supposed to be come with this type of system, which will prevent the all type of drawbacks discussed above.

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