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LPG Gas Level Automatic Monitoring and Booking System

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Abstract: *Over the last few years, there has been a fast evolution in technology which has made human life tranquil in several aspects. LPG is needed everywhere and is widely used for cooking. Some of the habitual issues experienced during its usage are, the gas cylinder going abandoned while peak cooking hours, the incognizance of the current circumstances of gasoline present in the container, and the negligence to prophesy the working days of the LPG cylinder once installed. Outright these lead to disruption in its use. To deal with this tight spot Smart Gas Kit is ideology to put forward. For the most part emphasis on the application of the IoT used for measuring and publicizing the gasoline content existing in household LPG cylinders and automatic booking of a new LPG cylinder. The auxiliary prerequisite of the system also involves prophesying the working days of the gasoline content. The ceaseless weight measurement of gas regularly is done using a load cell associated with a microcontroller. The current circumstance and the booking notifications are broadcast to the user on their mobile phones via a Bluetooth module. The complete constitution work towards making the LPG chamber booking system more automized without any human intervention.*

Keywords: Leakage, Load Cell, Gas Sensor

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