SMART REGULATOR

(Technological Advancements in LPG Sector)

Team Name: Innovation Geekz

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DESCRIPTION:

"A sensor may be developed to be put up on cylinders which will gauge the fuel quantity and automatically inform the linked distributor for refill cylinders. In this way usage of all the customers can be exactly mapped and we can have more accurate predictive demand and supply"

OUR IDEA:

In the beginning we thought of analyzing the volume of gas by various factors and to develop various devices which could be integrated to the LPG cylinder. But building an external device won't be a good idea when we could change and Digitalize the existing Gas Regulators. We wanted to integrate the necessary sensors and technology to the Regulator itself and additionally we wanted to add the Gas leakage detection feature too.

PARAMETERS & CHALLENGES:

Parameters:

- It should be compact in size
- It should be of less cost
- Shouldn't contact the Gas inside directly
- Simple usage atmosphere

Challenges:

- Use of Technology
- Market Reach
- Cost structure

Thanking You...

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