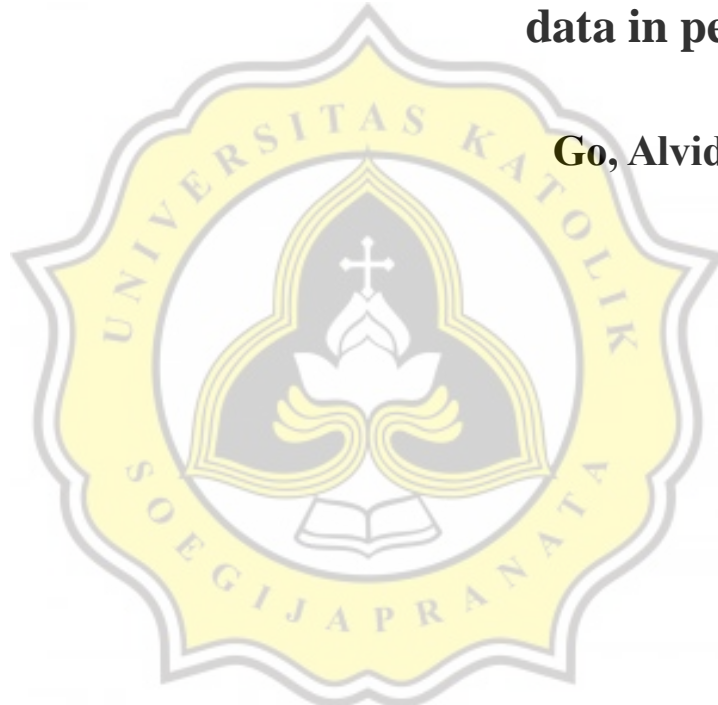




PROJECT REPORT

**LPG gas leak detector uses the mq-5 sensor
Via Website IOT Thingspeak Monitoring and send
data in periodically.**

**Go, Alvido Gunawan
16.K1.0034**



**Faculty of Computer Science
Soegijapranata Catholic University
2020**

CONFIRMATION PAGE



Final Project Title : Lpg Gas Leak Detector Uses The Mq-5 Sensor
Via Website Iot Thingspeak Monitoring And
Send Data In Periodically.

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Go, Alvido Gunawan

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Semarang, July 10, 2020



Go, Alvido Gunawan



ABSTRACT

In this world, surely everyone use a gas stove to cook everything. The most widely used gas is LPG gas. There are various types of LPG gas including 3kg gas or large gas. Many people do not know the sign of a gas leak, or do not realize that the gas is leaking. The reason people don't know or realize is that the person might be traveling or doing other activities besides cooking using a gas stove. Therefore, a lot of LPG gas incidents explode due to gas leak caused by negligence of users who are doing activities or traveling. The omission includes the installation of less precise gas or old gas hose or regulator that must be fixed. In this project, the author will make a tool to anticipate the presence of gas leaks so as to minimize the number of LPG gas explosion events.

The tool that will be made by author is a gas leak detection device that is equipped with a medium buzzer as an alarm and fan to remove the leaked gas and an SMS notification to notify LPG gas users.

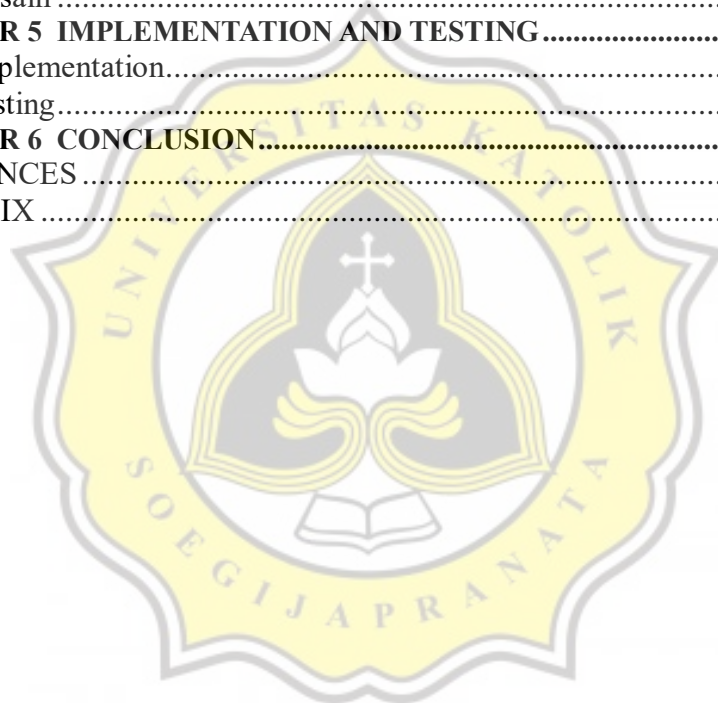
The results obtained from this tool in the form of a graph of the value of the gas sensor from Thingspeak website IOT and send the value in periodically.

Keyword: LPG gas, Leakage, burst, dst



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