

## ABSTRACT

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*Smart Home Monitoring Security System is useful for securing house so the house is well maintained and reduce public concern over the house when left travel far. If gas leak, over limit temperature, and human movement detection happen to the house that had been in the post of Smart Home Monitoring, the homeowner will be notified via SMS that was sent from the GSM module, and if there is a suspicious movement when the owner left the house, then the installed alarm will sound. The whole data communication between Nodes is done wirelessly. Data sent already processed into data packets that are ready for parsing and give orders as to unlock or lock the door and receive notifications of sensors via SMS.*

*Keywords: SMS, GSM, Node, parsing, notifications*