

## ABSTRACT

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*Homecoming moment and long holiday is term when lot of house left empty with this owner so theft incident and fire often occurred, because of various causes and not often handling responses are late. Therefore it required a system that can do monitoring of home state. Web user interface for Smart Home Monitoring is aims to monitoring his house by owner through website independently in any time. Web interface is contains sensors state that installed at home, alarm state, and door lock state. This systems using temperature sensor, PIR sensor, and gas sensor. System is made with microcontroller Arduino MEGA and module IComsat GSM/GPRS Shield.*

*Keywords: web, monitoring, Smart Home Monitoring, IComsat, Arduino Uno.*