

ABSTRACT

In the current car security system, security is less guaranteed, the security system consists only of alarms using long distance, not equipped with a security system that involves mobile technology, so there is no reporting of safety problems of four-wheeled vehicles. In addition to the safety system that is needed as well as the safety system on the car, the safety system on the car currently only focuses on physical cuts not to other aspects such as Carbon Monoxide. There fore in this Final Project will create an additional security and safety system for cars that use the SMS Gateway system, the GSM module used to send text messages and use GSM technology can also connect cars through smartphone users, using smartphones that can be used carbon monoxide gas levels on the LCD screen which are based on Arduino microcontrollers.

Keywords: Arduino, GSM, Microcontroller