Vehicle Accident Privential System using Embedded with Alcohol Detector and Sim 900.

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Abstract: *This project presents the design and implementation of an Alcohol Detection with Engine Locking for cars using the Ultrasonic Sensor and Arduino UNO as the MCU (Master Control Unit). The system will continuously monitor level of alcohol concentration in alcohol detection sensor and thus turn off the engine of vehicle if the alcohol concentration is above threshold level. The model will also send the message of whereabouts of the vehicle through SIM900A. The project provides an efficient solution to control accidents due to drunk driving*

Keywords: Arduino UNO, MQ-3 Sensor, Ultrasonic sensor, Buzzer, LED, SIM 900, DC Motor

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