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Vehicle Crash and Stealing Identification using Arduino

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Abstract: *Human life is more valuable than anything else, timely help is more important than lending a helping hand. This article is one among those which is designed in a way to save human lives in a timely manner. In modern day vehicles, vehicle anti-theft system is of prime importance and traffic accidents are one of the leading causes of fatalities. An important indicator of survival rates after an accident is the time between the accident and when emergency medical personnel are dispatched to the accident location. By eliminating the time between when an accident occurs and when the first responders are dispatched to the scene decreases mortality rates, we can save lives. There are two main modules discussed in the article. In this article the first module is password-based security system to access the vehicle. And the second one is accident location intimation through SMS by using GSM module.*

Keywords: Vehicle Theft, Arduino, GSM, GPS, LCD

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