VEHICLE TRACKING SYSTEM

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The project is about Vehicle tracking system. The main objective of this project is to track, monitor the vehicle and find the accident spot and intimate to the monitoring station. This system provides information regarding vehicle Identity, speed driving, drunk driving, riding with no helmet protection, and riding without sufficient sleep. This system contains ultrasonic sensor, infrared sensor, crash sensor, alcohol sensor, audio system to make the system more efficient and also the smart helmet concept is added to make the system more powerful. The information from the system are collected and stored in database and display it on graphical user interface (GUI) that is user friendly. GUI is built on Microsoft Visual Studio. In existing system, there is no sensor network to detect and rescue the accident and cannot track the vehicle. The drawbacks are time consumption, Automatic alert is not possible, Possibilities for traffic collision. In proposed system, WSN are used to find the severity of accident. Renewable energy sources are used to charge the battery. The Advantages are fast response, easy to rescue, advanced collision avoidance is possible.

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