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IoT Based Safe-Sense Vehicle

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Abstract: *Road accidents rank among the primary sources of global losses, often resulting from severe issues such as alcohol consumption, driver fatigue, and hazardous conditions. Conventional safety measures primarily mitigate the effects of accidents rather than prevent them.*
The IoT-based Safe Sense Vehicle tackles this challenge by actively improving road safety. It identifies alcohol use, drowsiness, and other risks, automatically halting the vehicle to prevent accidents. An alert system provides real-time notifications to both the driver and authorities, while a mobile application facilitates remote monitoring and control. This comprehensive strategy greatly diminishes the likelihood of accidents and enhances overall safety operations..

Keywords: IoT Based Vehicle, Sensors, Enhanced Safety, Remote Monitoring