Dozing Alert System

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Abstract*: Driving while drowsy is a major cause of road accidents and can have severe consequences. This project aims to develop a drowsy alert system that will help prevent such incidents by alerting drivers when they show signs of drowsiness he system uses a combination of computer vision and machine learning techniques to detect drowsiness. The camera mounted on the dashboard will capture video of the driver and analyze their face for signs of drowsiness such as eye closure and head nodding. The machine learning algorithm will then use this information to predict if the driver is drowsy. The system alerts the user with sound and kept them awake. This drowsy alert system has the potential to save lives by reducing the number of road accidents caused by drowsy driving. The system can be integrated into vehicles and be made available to all drivers, helping to create a safer road environment..*

Keywords: Driver Drowsiness ,Eye detection ,Fatigue

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