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(57) Abstract :

ANTI-DROWSINESS DRIVER ALERT SYSTEM The invention discloses a low-cost drowsiness detection device comprising an IR sensor, a buzzer, and an Arduino UNO microcontroller. The IR sensor monitors the driver's movements, detecting signs of drowsiness, and triggers the buzzer to alert the driver to remain awake. This system reduces the risk of accidents due to drowsy driving and offers several benefits, including increased safety, cost savings, and enhanced productivity.

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