HACK SRM

Topic :

Driver Drowsiness Detection and Anti theft system for vehicles

37% of the world accidents happen as the driver falls a sleep while driving,so in order to reduce the number we are planning a driver dorwsiness system in which the prototype detects if the driver is sleeping or is about to fall a sleep and then it takes the priority measures, we are trying to implement this prototype using open cv in python .

When the driver closes the eye for 2 seconds then an alert will occur in the car .

In theft protection we take the encodings of the drivers of car and if there is another person who wants to steal the car then the car will be locked and a sound will be produced in the car so the owner can recognize the theft.