

DISCLAIMER

*THE PROJECT WE DEVELOPED WAS WORKING PERFECTLY
FINE AND WE HAVEN'T TOUCHED IT SINCE THEN*

Team rocket presents

A Presentation with classy fonts ✨

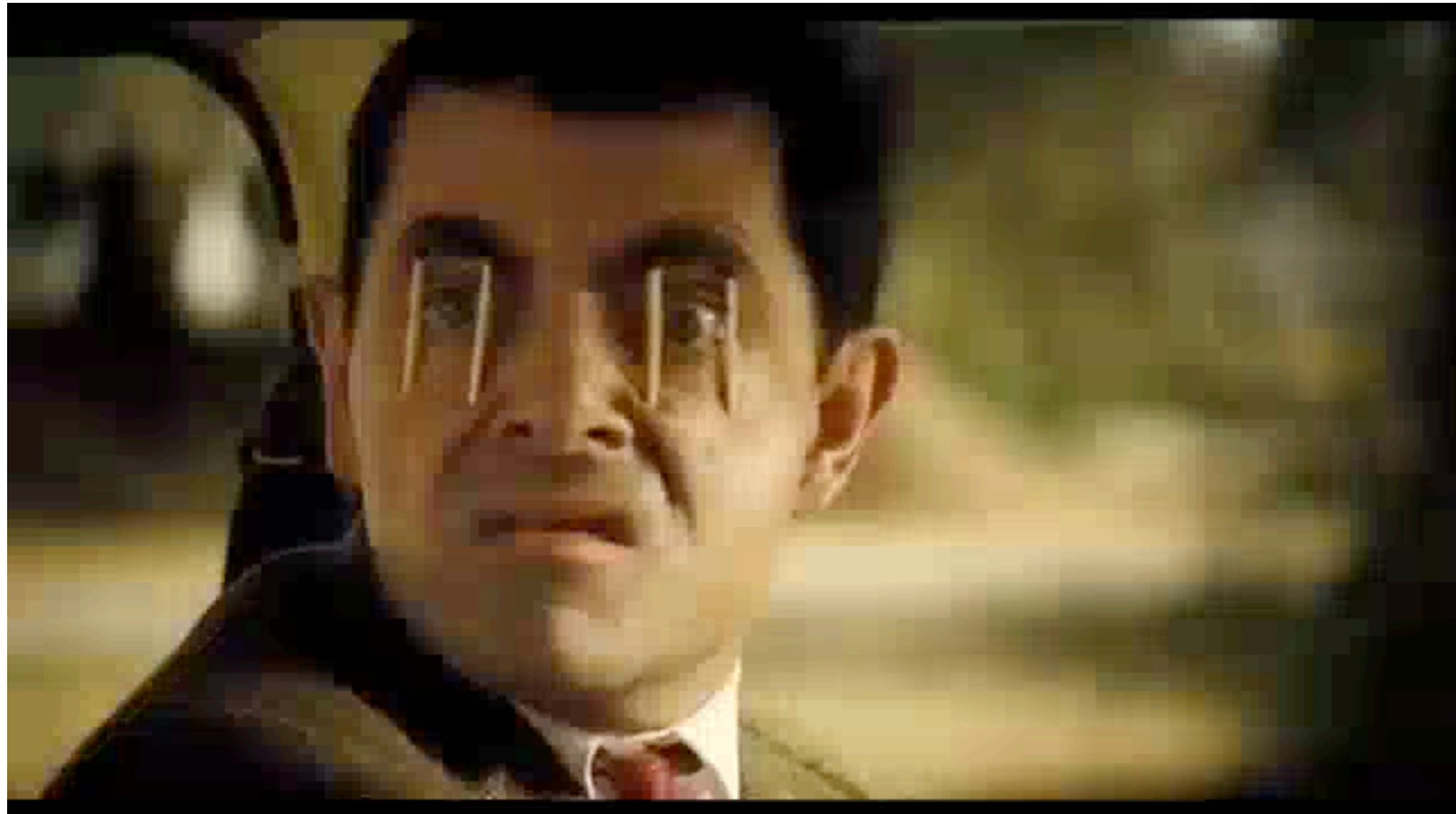


heyAyushh/drosiii

MOHIT JOHER
AYUSH CHAUHAN
HARDIK KEDIA



- Filling sleepy reading these lines in bullets
- Ignoring Spelling mistakes in the previous line
- Well you shouldn't drive to home unless you have mr. bean with you.



- An estimated 1 in 25 adult drivers (aged 18 years or older) report having fallen asleep while driving in the previous 30 days.
- The National Highway Traffic Safety Administration estimates that drowsy driving was responsible for 72,000 crashes, 44,000 injuries, and 800 deaths in 2013.⁴ However, these numbers are underestimated and up to 6,000 fatal crashes each year may be caused by drowsy drivers.
- 7% of all crashes were a vehicle that was towed
- 13 % result in hospital admission
- 21 % of all are fatal crashes

Source - Forbes India

Hi, We are Team Rocket

This Hackathon we made

- Drowsiness Detection and Alarm using IoT + Rasp PI + and some serverless functions <⚡>
- Good friends and Good Jokes
- Confusion between friends and jokes

Working of detection Model

- OpenCV captures the frames in the stream from the camera or the USB webcam.
- OpenCV converts the frame to grayscale, filters edges and after capturing it checks for the eyes using Haar Cascades xml markups.
- After it checks for the conditions where the eyes are closing for continuously 10 frames.
 - If (above condition)
send the buzzer a High signal

**“Drowsy Accident scenes looks good only in
Bollywood romantics and some shitty author Novels”**

– A less known coder who made this presentation