

# AI Analytics- Presentation for OTTONOMO'22 Challenge



# AI Analytics

- Company is about to design and build a intelligent and innovative systems.

- I am not yet incubated with any company

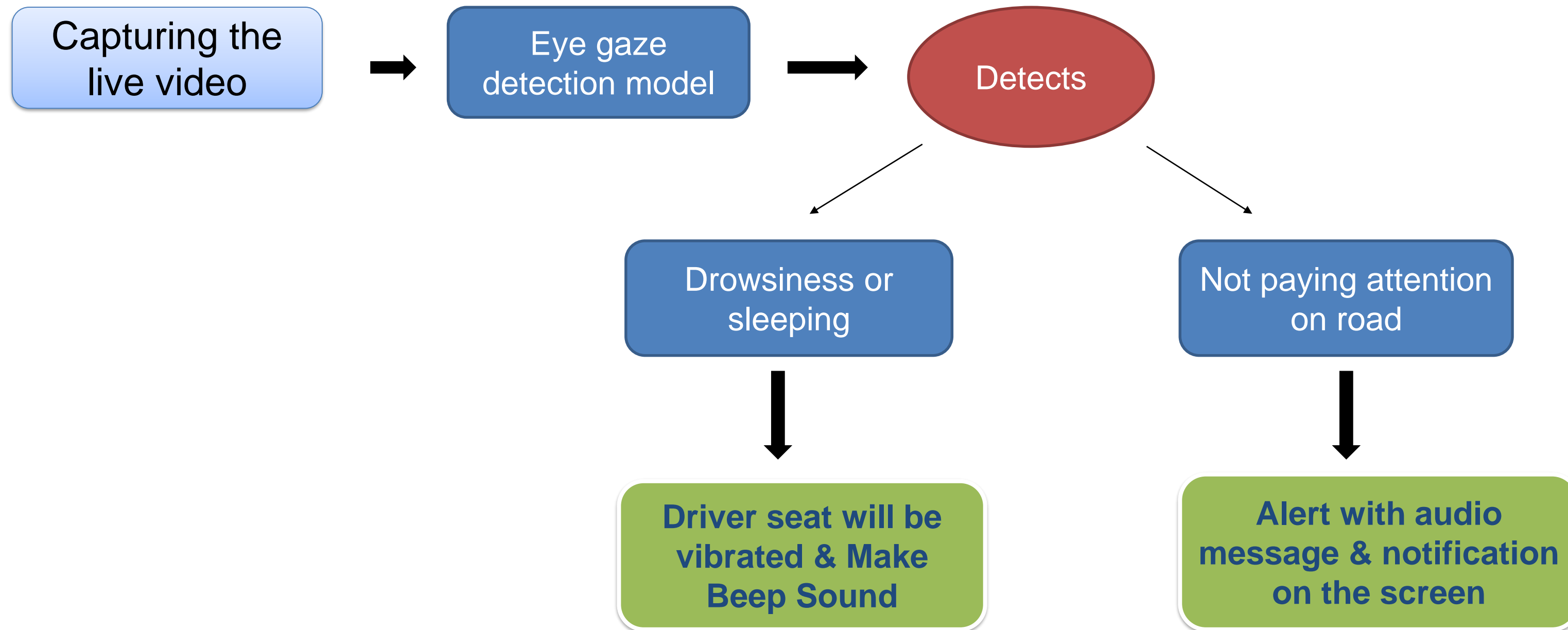
## Problem Statement:

Eye gaze detection solution for driver  
monitoring systems

# How much of the proposed Solution can you achieve?

- I can achieve the solution upto creating a eye gaze detection model, That model will monitor the eye gazes for a half min and if the model finds that the person is not looking in center for a while or a half of the minute. Model will display red alert message and make beep sounds for to alert the person.
- And if my model finds the eyes closed for a 5 seconds with the help of Arduino board send the signal to seat and seat can vibrate to wake up the driver and make beep sounds continuously until driver wakes up.

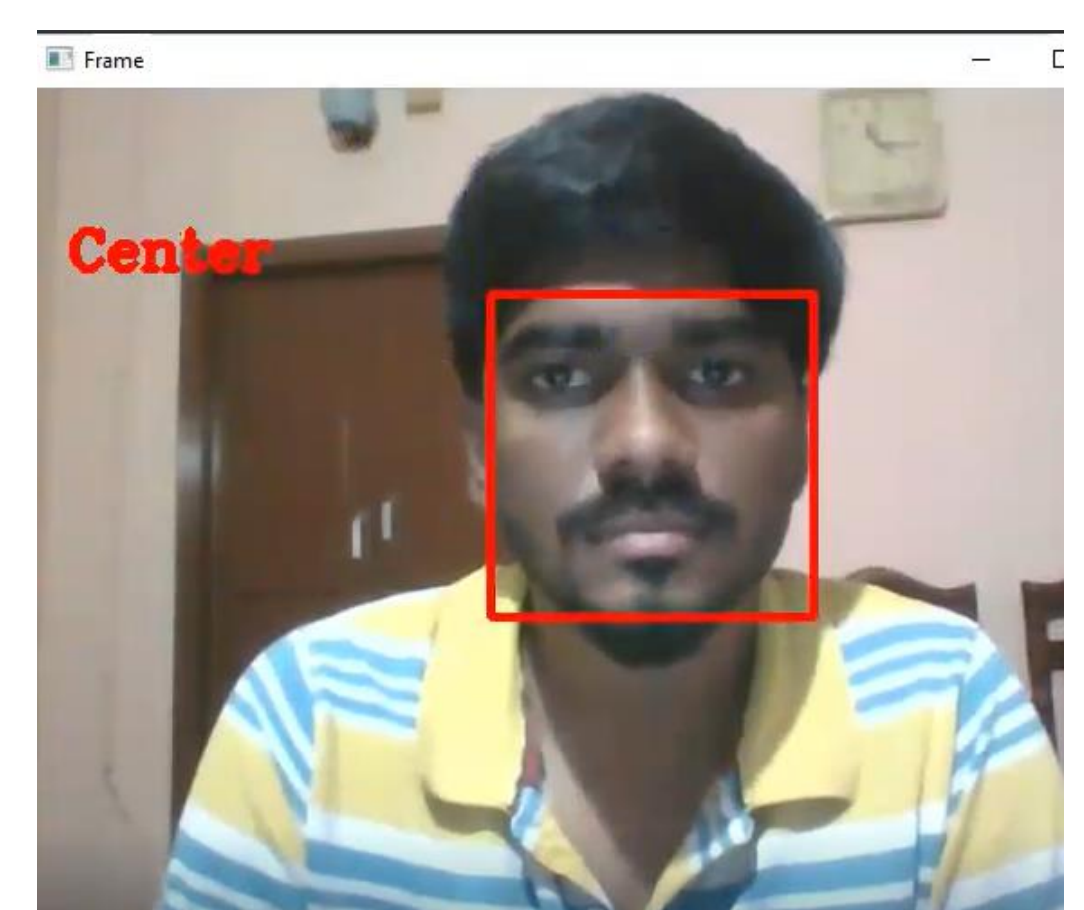
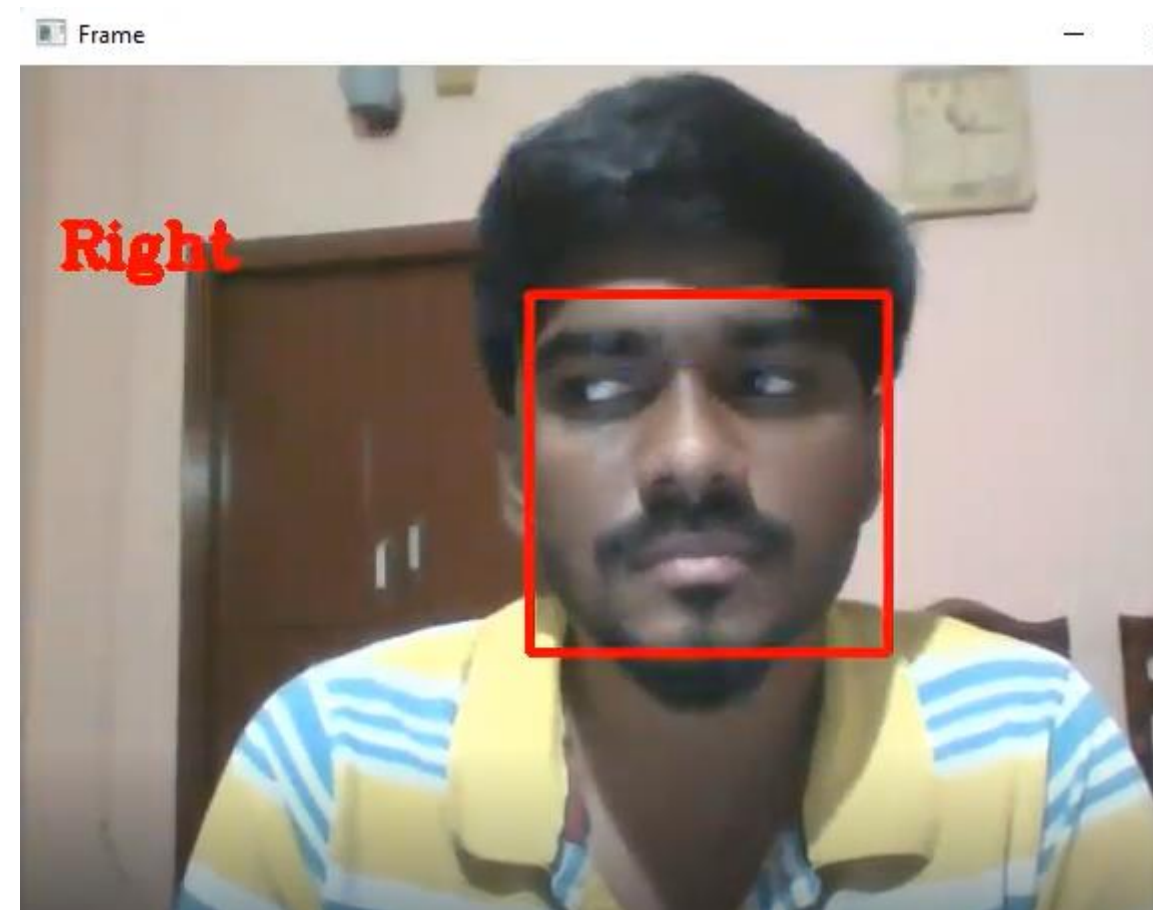
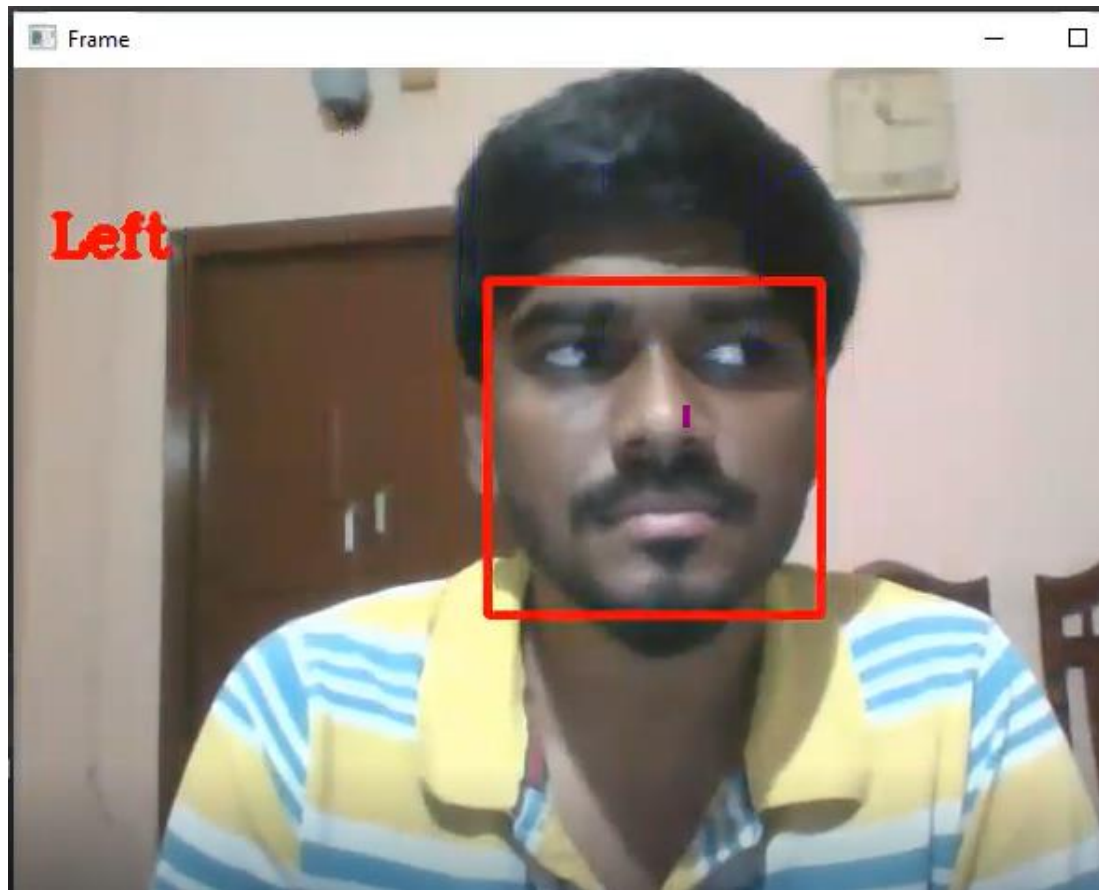
# Block Diagram of proposed solution



# Description of similar work done in past

- Created object detection and image classification model using YOLO pretrained model
- Created shape detection model, For to detect the shapes of an object
- Created Facial Recognition model with antispooofing
- Created Eye gaze Detection model

# Past work - Eye Gaze Detection



- Eye Gaze detection model created for to detect the direction of an eye looks
- Model was created using Dlib python library and OpenCV.



# Team Members



- **Name:** M. Durga Sai Anil
- **Education:**  
B.Tech at IIITDM Kurnool  
From Aug/2018 – April/2022  
CGPA:- 7.79  
Branch:- Mechanical Engineering
- **Experience:**  
AI Analytics Internship at IIITDM Kurnool  
From May/2021 – October/2021



- **Name:** E. Harshitha
- **Education:**  
B.Tech at IIITDM Kurnool  
From Aug/2018 – April/2022  
CGPA:- 7.0  
Branch:- Mechanical Engineering
- **Experience:**  
AI Analytics Internship at IIITDM Kurnool  
From May/2021 – October/2021



# Contact slide

- Gmail: [118me0015@iiitk.ac.in](mailto:118me0015@iiitk.ac.in), [durgaanil7@gmail.com](mailto:durgaanil7@gmail.com)
- Phone: 9121691928, 9440822898
- Address: Tanuku - 534211, Andhra Pradesh, India
- LinkedIn: [www.linkedin.com/in/mutyala-durga-sai-anil](http://www.linkedin.com/in/mutyala-durga-sai-anil)
- GitHub: <https://github.com/mdurgasaianil>