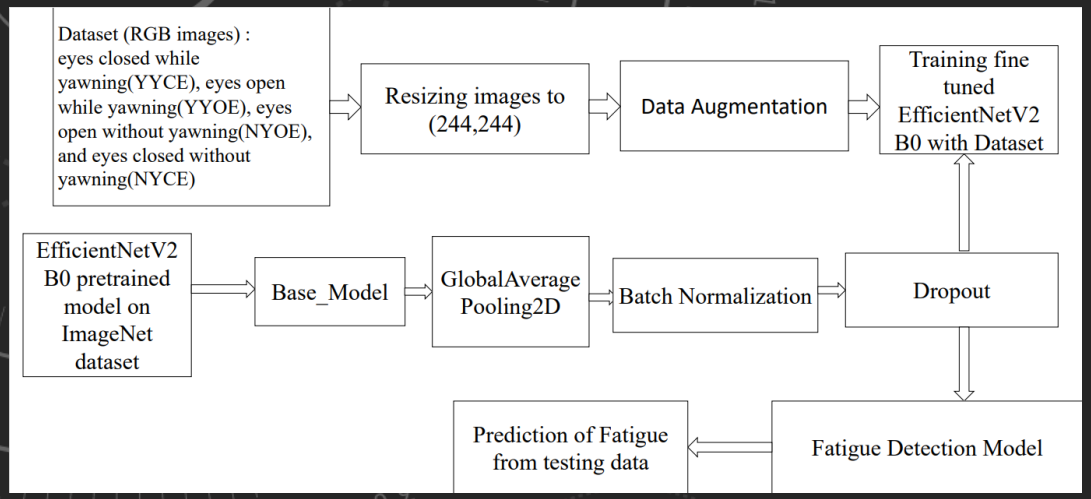
# FATIGUE DETECTION USING EFFICIENT NET V2

## OBJECTIVE :

Develop a machine learning and deep learning-based system to detect drowsiness and fatigue . Utilized Convolutional Neural Networks to identify facial cues indicating drowsiness. Preprocess a dataset of 4000 images, train the CNN model,and rigorously validate its real time performance. Evaluate its effectiveness in enhancing safety and well being.

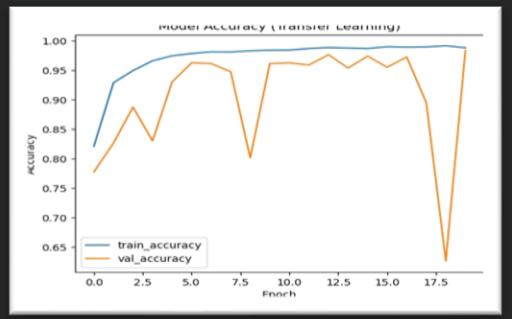
## Efficient NetV2 Custom ARCHITECTURE



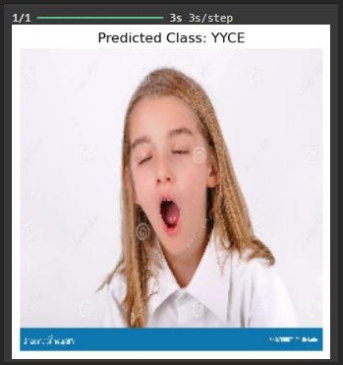

## AIM FROM THIS PROJECT :

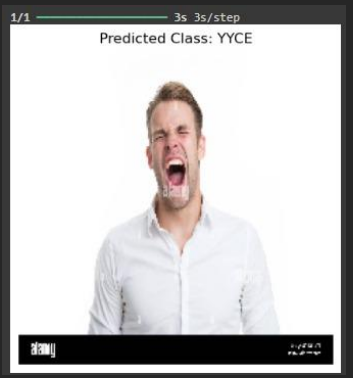
- Accurate Drowsiness Detection
- Real-time Monitoring Capability
- Improved Safety and Well-being
- Scalability and Adaptability

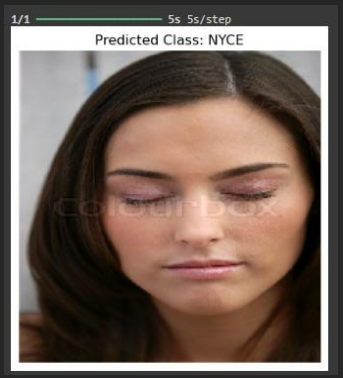
## Accuracy Achieved 98%

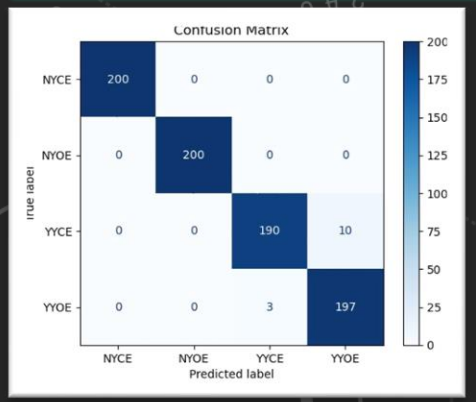



## PREDICTIONS

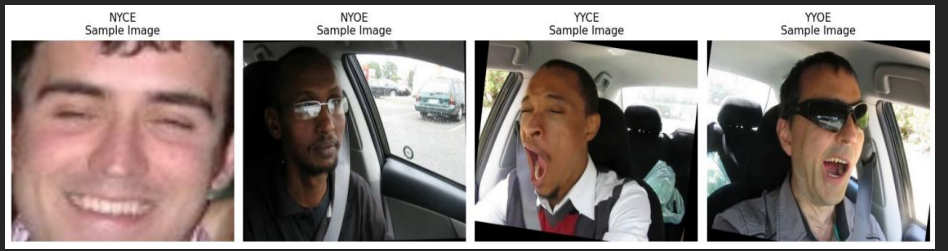





## DATASET USED




## OUR CONTRIBUTERS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