PROJECT ANALYSIS

Real-Time Anti sleep Alert System

TEAM MEMBERS

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Mentor

Prof. Pankaj Kumar

Designation: Professor (Computer Science and Engineering)

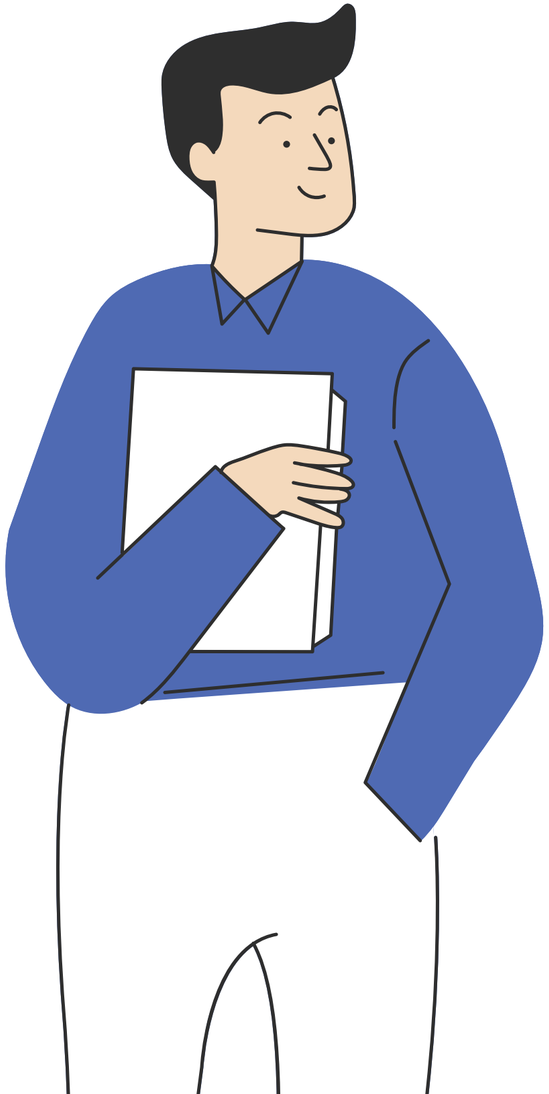
PROJECT AGENDA

1. To Prevent Road Accidents to ensure Road Safety

PROBLEM

According to a study by the World Health Organisation (WHO)

" 40% of highway accidents occur due to drivers dozing off Exhausted drivers who doze off at the wheel are responsible for road accidents".



WE HAVE THE SOLUTION FOR THIS

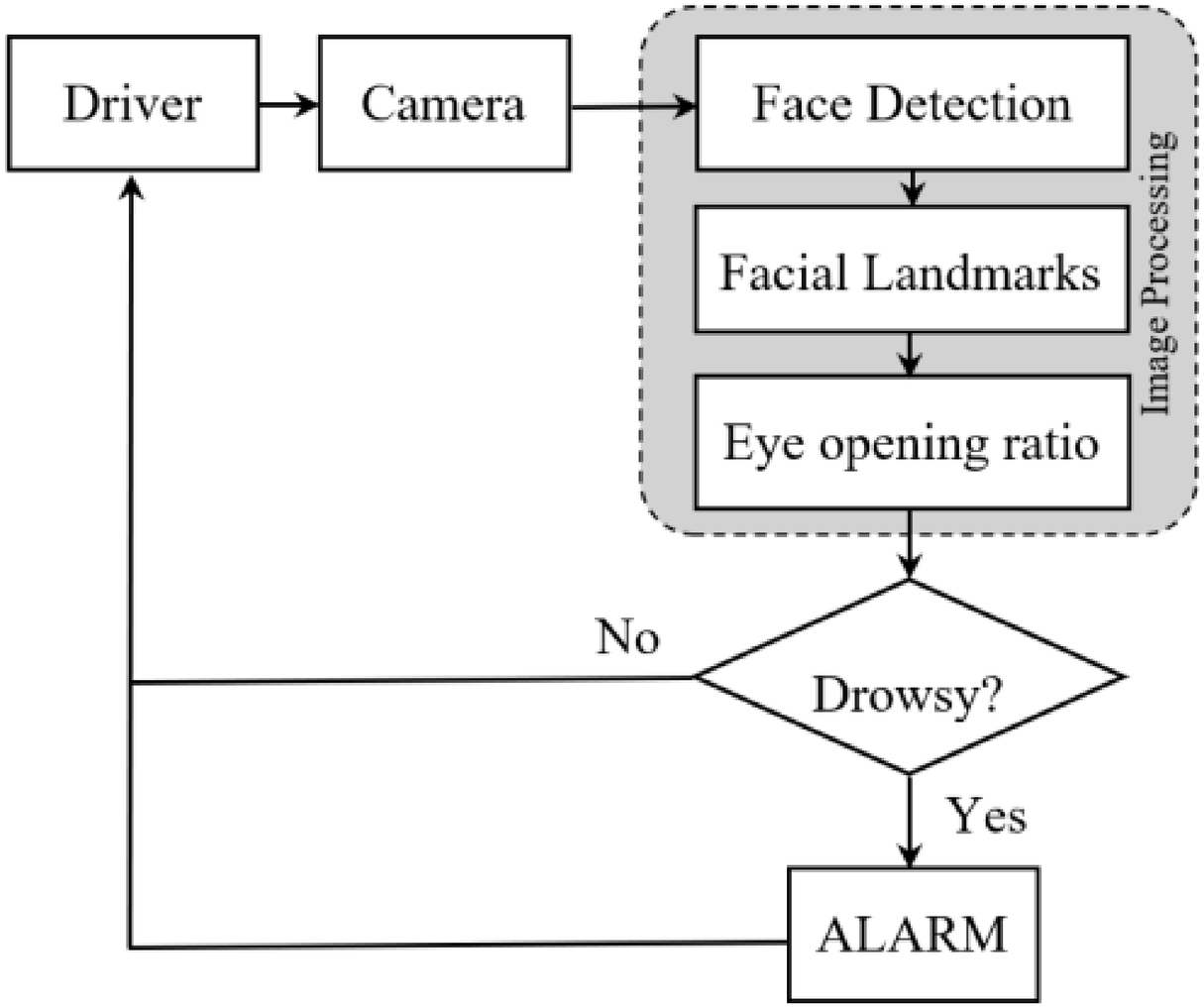
Reducing road accidents & deaths by 50% by 2024: Union Minister Nitin Gadkari

By PBNS

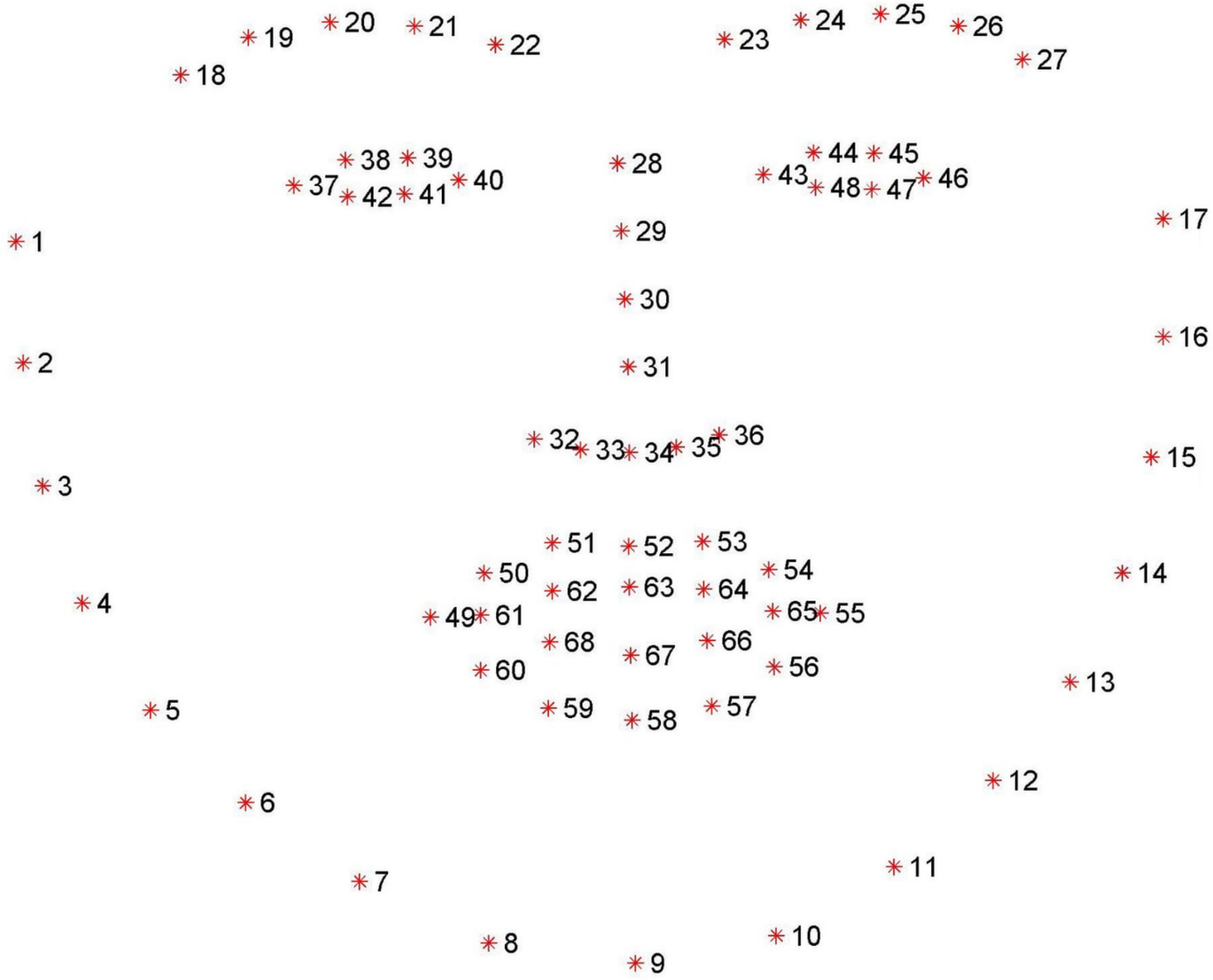
September 10, 2022

Estimated reading time: 2 minutes

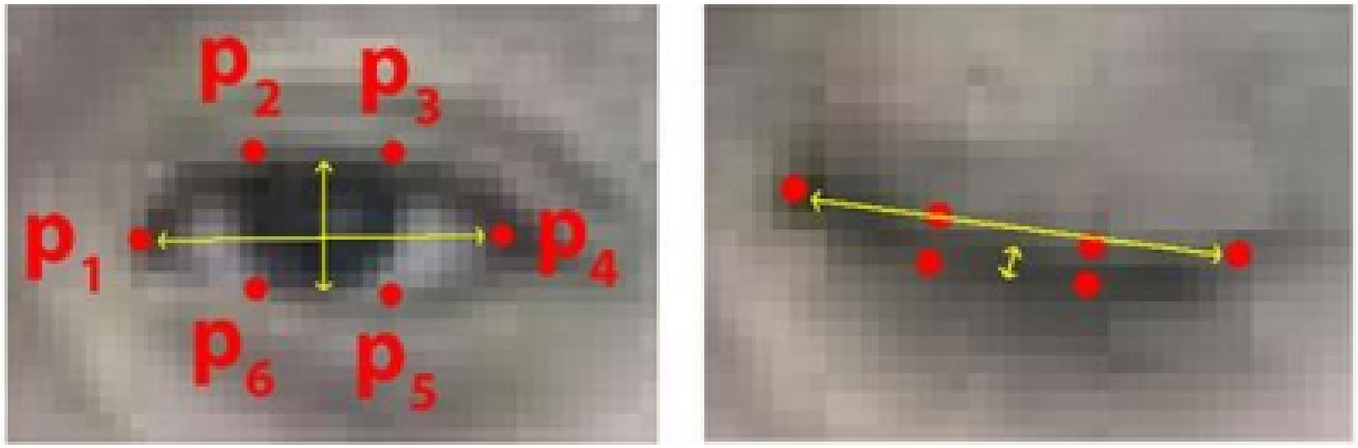
187



Block Diagram Of the Developed System



68- Point representation of Facial Landmarks



Example of opening and closing of an eye

PYTHON LIBRARY

1. dlib
2. Numpy
3. OpenCV
4. Sound & Time

Real Time Anti Sleep Alert System

Under the Guidence :- Prof. Pankaj Kumar Sir

1
Take image as input from a camera

2
Detect the face and Landmarks

3
Categorize whether eyes are open or closed

4
If eyes are Closed Then Alarm will be activated Else Step 1

5
End of Development

6
Testing

7
Launch