# PROJECT PROPOSAL

## 1. Project Title:

**Artificial Intelligence in Transportation Industry.**

## 2. Project Scope:

Revolutionizing Indian Transport System with DFMS (Driver Fatigue Monitoring System). Over 9 million truck drivers on Indian highways face sleep deprivation and are overworked. A computer vision system that can automatically detect driver fatigue in a real time video stream and then play an alarm if the driver appears to be fatigue or drowsy. This revolutionize the vast transport system, preventing massive human and financial losses. In this program we check how long a person's eyes have been closed for. If the eyes have been closed for a long period i.e., beyond a certain threshold value, the program will alert the user by playing an alarm sound

## 3. Requirements:

PC with Windows 10 or above
Visual Studio Code/jupyter
Python Version 3.7 or above

## Student Details:

| Name | UID | Signature |
|------|-----|-----------|
| VUPPUTURI BHARATH | 20BCS6586 | |
| GOTTIPALLI SAI PRASANTH | 20BCS6832 | |
| KETHURI AJAY | 20BCS6585 | |
| KOYYADA AKSHAY KUMAR | 20BCS6369 | |

## Approval and Authority to Proceed:

*We approve the project as described above, and authorize the team to proceed.*

| Name | Title | Signature (with Date) |
|------|-------|-----------------------|
| SHUBHANGI MISHRA (E13142) | Supervisor | |
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