

Final Year Project

On

Driver Drowsiness Alarm System



Group members

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Procedure

We have to follow the following procedure to make system working

- Connect Raspberry Pi 4 and LCD by HDMI cable
- Provide power to the Raspberry Pi 4 via charger
- Connect the mouse and charger to the Raspberry Pi via USB interface
- Connect camera and Speaker to Raspberry Pi.
- GUI of interface will be provided to you
- In the Thonny IDE you can see the code and can make changes to it
- After that save this code
- Then open Terminal. Terminal is as to Raspberry Pi as command line to window
- Approach the directory in which file of python exists by using cd file
- Run command of workon cv
- Then run command
- Python3 file name
- Camera will start and video will be captured
- It will show active for persons that are active and drowsy for persons that are in sleeping state.
- And alarm will alert driver