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UNAUTHORISED PARKING IDENTIFIER

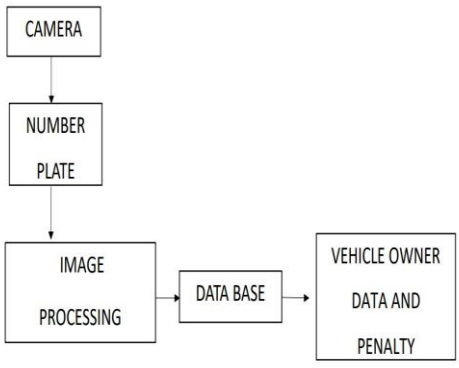
ABSTRACT

The Traffic in the metropolitan urban cities plays an essential part in road problems. Mainly no-parking areas are the main concern and it always leads to the traffic problem. A regular monitoring system is needed to monitor the no parking zones. This project proposes an "Unauthorised parking identifier (UPI)" with the help of number plate detection using OpenCV library. Cameras are used to get the images of vehicles parked . License numbers which are detected, automatically send the EMAIL to the registered details after waiting for 5 minutes regarding the E-challan as he/she violated the regulation proposed by the respective government.

DESCRIPTION

We usually see vehicles get parked in the no parking areas which increases traffic drastically and police have to manually capture
vehicles numberplate as this is not possible every time. So we thought of "UNAUTHORISED PARKING IDENTIFIER(UPI)". To avoid parking of vehicles in no parking zone. This device detects the vehicle number plates through the camera .later on, sends the message to the respective email regarding the fine by using database, this reduces the traffic and saves valuable time , fuel and soon.

ARCHITECTURE



CONCLUSION

Road transportation plays a crucial role in human daily life. Maintaining no parking areas is an essential part of controlling traffic in urban areas since these vehicles consuming a roadside place and creates a congested way to moving vehicles. To resolve this issue, a complete monitoring system is needed to be installed in non-parking zones. The proposed "UNAUTHORIZED PARKING IDENTIFIER(UPI)" system reflects the reduction of vehicle count in no parking zones, as a result no traffic.

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