

Automobile Driver Evaluation System

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Declaration

I certify that this report does not incorporate, without acknowledgement, any material previously submitted for a degree and to the best of my knowledge and it does not contain any material previously published or written by another person or myself except where due reference is made in text. I also hereby give consent for my dissertation, if accepted, to be made available for photocopying and for interlibrary loans, and for the title and summary to be made available to outside organizations.



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Abstract

In this project I use Onboard Diagnostic Port of vehicles to monitor the driving styles of motor vehicle drivers. By using the values given by the onboard computer for monitoring the driving style of drivers, it is possible to get reliable information without depending on any human interaction. A Raspberry Pi Model B computer runs the onboard modules of the system. This processes the data collected from the onboard vehicle computer, analyze and uploads to centralized system after enriching with GPS coordinates and the timestamp.

Users can access the web based system which connects to the database and allow them to view near real time/ historical data of vehicles.



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