Introduction

In modern society, there occurs many road accident because of the careless driving of the drivers and the wrongful behaviors that they carry as habits. There are many rules that have to be adhere by the drivers when they are driving. They are known as the driving laws. Some of the driving laws are as following.

* Seat Belt Laws
* Drinking and Driving
* Must have clear documents
* Speed Limits

The speed limits for Sri Lanka are as follows:

Open roads: 72 km/h

In Town: 56 km/h

Motorway/Highway 120 km/h

* Minimum Driving Age
* Child Safety Rules
* Insurance
* Rules of the Road

Standard international driving laws apply with one or two exceptions.

Many drivers completely ignore road rules so drive with caution

Fully tinted windows are illegal

Sri Lanka drives on the left

* Towing Regulations
* Speed Cameras
* Using Mobile Phones when driving
* Parking

So the traffic police is tend to charge fine from the drivers who are breaching the rules when they driving or using the vehicles. The drivers who are breaching the rules have to pay fine according to the offence that they have done or they might sent in front of the courts. As per the manual system that use by Sri Lankan traffic police at present if someone get caught to the traffic police by breaching the road rules, the police will take their driving licence card and issuing a and issuing a temporary licence until the driver pay the fine. So the driver has to pay the fine to the post office and get the receipt issuing by the post office. After that he have to forward that receipt and get the licence card from the respective police station which the driver got caught.

The current system is a method which is very tough to the drivers. Because they have to take their licence from the respective police station. If the driver is from a very far area, he have to again come to the respective police station to collect his licence So this is very difficult to the people who having very busy life in this present society. But this is an act of a parliament which have been granted to reduce the faults done by the drivers.

When drivers have to go on such process to get their licence back, the government thinking that the offences on road will be reduced in to some amount. But when looking at the offences done by the drivers on the road we can see that it haven’t been reduced. So we have to look at a new method to reduce the road accidents. If we have a method to find the drivers who are doing offences frequently the police can take an action against then by cancelling their driving licence or by giving some other punishment to wrongful drivers.

The proposed system is specially designed system to the traffic police to get the data of the wrongful drivers and analyze their character. Even the insurance companies which used to insure the vehicles can use this system to analyse about their customers who are claiming frequently .From this the police can take a report of a driver automatically at the end of a time period and the system will automatically judge the quality of the driver. Here when a driver get caught to a policemen by doing an offence the policemen can update the system online by entering the licence card number of the driver to the system and entering the offence done by the driver. So the at the end of the time period the system will decide to cancel the driving licence of the wrongful drivers by analyzing the weight of their offences and the number of the offences on the road.

If driver did not pay the fines during a certain period of time system will give a notification to the police station which the driver is belongs. So the police can bring him in front of the courts. If the driver get caught to the police again during a certain period of time the system will notify it to the police. These data can be taken to the analyzing of the character of the drivers and make the validation of their driving licence.