LICENSE AND INSURANCE VERIFICATION ENSURED (LIVE)

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Introduction:

A Driving License is an official document certifying that the holder is suitably qualified to drive a motor vehicle or vehicles. Under the provisions of Motor Vehicle Act, 1988 in India, no person can drive a motor vehicle in any public place unless he/she holds a valid Driving License issued to him/her, authorizing him/her to drive a vehicle of that particular category.

Motor Vehicle insurance is the coverage of the risk of third party arising out the use of motor vehicle and also for covering the risk of damage caused to the vehicle. Third party risk means risk covered for bodily injury, death and damage of property of third party.

The main objective of our project titled “LICENSE AND INSURANCE VERIFICATION ENSURED” is to verify the driving license of the driver and the insurance details of the vehicle by the traffic police just by using the smart phone.

It’s quite useful for the person who has left behind his/her driving license or insurance paper of the vehicle, as the android application which we will develop as our project will be able to verify the credentials just by providing some details such as name and date of birth of the person.

Objectives:

The main objective of our project is to verify the road safety credentials such as the driving license of the driver and a insurance details of the vehicle just by using smart phone.

Firstly the project will be an ANDROID Application which will be available to the traffic police which need to be installed in their smart phones so that they can use it for verification.

Further the details that need to be verified by the traffic police will be retrieved from the WEB Application which we will develop using WAMP(Windows Apache MySQL PHP). Beneficial for the person to avoid the penalty to be paid; in case he/she have forgotten to carry the driving license and the insurance papers of the vehicle.

Another advantage is that, the person cannot try to escape by providing the wrong details as it will be verified by retrieving the information from the database server for the details provided.
Methodology:

Android Application:

- Verification
  - License
  - Insurance

Web Application:

- Login
  - Traffic Police
  - RTO Admin

- Search
  - Retrieve

- Add
- Delete
- View
- Update

- RTO Databases
**Procedure:**
- Registered administrator needs to enter the details of the driving license holder and insurance details of the vehicle into the database through the web application.
- The registered administrator can also view the data by retrieving it from the database.
- The user who is a Traffic Police officer needs to log-in into the android application using his/her respective user name and password.
- The officer can retrieve the details of the driver and the vehicle (in case of insurance), using the basic details of the driver.

**Scope for future work:**
In case of accessing the data for the provided details from the remote places and also for faster data retrieval, we might make use of the actual Servers (like Microsoft IIS, etc.)

Making use of such server can provide a larger storage area for the information to be stored in the database due to current increase in the license holders as well as vehicles population.