

## **GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES** **VEHICLE REGISTRATION AND INSURANCE SYSTEM.**

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### **ABSTRACT**

In this project it specifies us regarding how the insurance software works in the industries in which the project highlights the sequential work or process in the software. This project also highlights the sort coming of existing model in a purposed topic. As insurance of vehicle is an important task for the operation of financial terms and also a key point to provide services to the public sector. The work to be done in project will signify assurance towards the insurance of vehicle and security in society..

*Keywords: Vehicle Registration, Vehicle Insurance*

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### **I. INTRODUCTION**

Vehicle insurance (also known as car insurance, motor insurance or auto insurance) is insurance for cars, trucks, motorcycles, and other road vehicles. Its primary use is to provide financial protection against physical damage and/or bodily injury resulting from traffic collisions and against liability that could also arise there from. The specific terms of vehicle insurance vary with legal regulations in each region. The vehicle registration which specifies about the individual vehicle registered in the application and major methods like applying the vehicle in details like vehicle number, engine number, mobile num,etc.

It provides following functionalities:

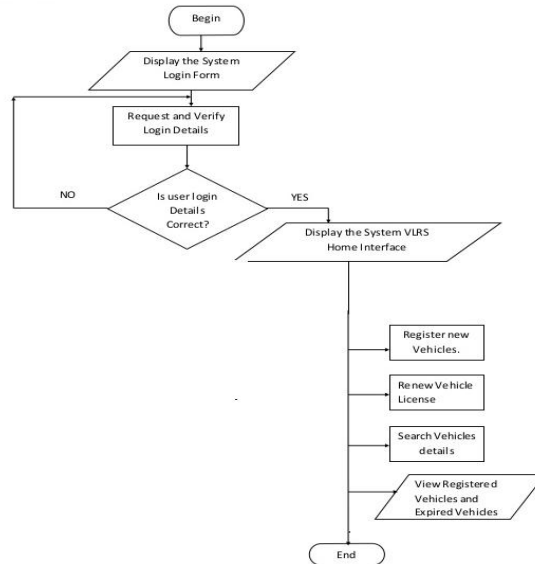
- Vehicle Information Registration.
- Vehicle Registration Renewal.
- Vehicle owner Information Registration.
- Any change related to vehicle design, engines, and color.

### **II. METHOD & MATERIAL**

#### **Algorithm**

1. Start.
2. Display the system login form.
3. Verify the authenticate user.
4. Verify the login detail if correct.
5. Display the home page.
6. Else return to step 3.
7. Main menu:
  - New Registration
  - Find Vehicle Record
  - Display Vehicle Record
  - Update Vehicle Record
  - Delete Vehicle Record
  - Insurance
  - Insurance Details
  - Insurance Period.
8. Stop.

**Flow chart**



*Fig: Vehicle Registration and insurance.*

**Advantages**

- Multiple ways to search for programs and activities.
- Access to your full account history online, starting with spring 2012.
- Sign up to receive emails or texts for timely activity-related messages.
- Purchase a lap swim or fitness center membership at any time – valid from the date of purchase.
- Instant confirmation after you register; won't need to wait on an email confirmation as in the past.
- Visa, MasterCard, Discover and American Express are accepted forms of online payment.

**Disadvantages**

- A disadvantage of a deductible is that you could end up paying your insurance company a premium every year and it might not ever have to pay off any of your expenses.
- If your car never has covered damages in excess of your deductible, you'll be responsible for both your repair costs and the cost of your insurance, with your insurance company liable for nothing.

**III. RESULT & DISCUSSION**

We can provide different function in vehicle registration menu such as New Registration, Find Vehicle Record, Display Vehicle Record, Update Vehicle Record, Delete Vehicle Record, Insurance Details, and Insurance Period.

**IV. CONCLUSION**

In this paper an algorithm to identify the RP and store it in the database, is designed. Implementation of algorithm shows very high accuracy, it is the major achievement of the complete exercise. The algorithm works well for images taken indifferent backgrounds and for different fonts. In addition output being stored in log file with time stamping, adds the mark of completion to the work. The intermediate images generated comparison are not saved after processing and only the text file with time stamp is saved in the end. This is an adaptive algorithm to all fonts

based on template. The work can be extended further to add the functionality of using other languages apart from English and for computerized number plates also. New templates are to be designed and standardized the pixel matrix to gain accuracy level.

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## **REFERENCES**

- 1) Zheng, D., Zhao, Y., and Wang, L., "An efficient method of license plate location," Pattern Recognition Letters 26, 2431-2438 (Nov. 2005).
- 2) Park, S., Kim, K., Jung, K., and Kim, H., "Locating car license plates using neural networks," Electronics Letters 35, 1475-1477 (Aug 1999).
- 3) Cao, G., Chen, L., and Jiang, L., "An adaptive approach to vehicle license plate localization," The 29th Annual Conference of the IEEE Industrial Electronics Society, IECON '03. 1786-1791 Vol.2.2003.
- 4) Abolghasemi, V. and Ahmadyfard, A., "Improved image enhancement method for license plate detection," 15th International Conference on Digital Signal Processing, 2007, 435-438.