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RTO Office Management System

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ABSTRACT

RTO office management system project is prepared for RTO office to maintain all records like 2 wheeler registration, 3 wheeler registrations, LMV, HMV, learning license and driving license, changing of address, renewal form and much more. These are the main activities of RTO office. The administrator is a power user, he has the power to verify the data and provide appropriate solutions. By introducing the new system we have been organized some striking facilities. Registration of vehicle through online. Fancy number selection of vehicles through online. Issues of information about the licence, which includes application forms and license test and other information. In the existing system of RTO office perform functions such as registration, license and fitness. Regional transport office is the organization of the Indian government responsible for maintaining a database of vehicles for various states of India. The RTO issues driving licenses organizes a collection of vehicle excise duty and sells personalized registrations. These are the main activities of RTO office; we developed this software application with a fully computerized method to manage all the data. At present all records are maintained manually.

Keywords: RTO, ASP.NET, Microsoft Visual Studio2010.

1. INTRODUCTION

Regional Transport Office (RTO) is an Indian government bureau which is responsible for the registration of vehicles and issue of Driver's License in India. RTO management will be having a lot of work regarding registration of vehicles and issue of driver's license. Similarly, the vehicle owner sometimes forgets to carry the license and forgets the insurance at the time of inquiry. This paper proposed an approach to solving such problems that are by storing all the information related to vehicle and driver at database by RTO administrator.

RTO is an advanced "RTO management System" which is design keeping in a view to make the existing registration and issues of information about licence easier and faster. It includes the entire registration and insurance procedure starting from the initial phase of entering till the result. It is a more reliable, accurate, time-saving and free from any misuse. The system provides information regarding the RTO Application.

2. LITERATURE REVIEW & RELATED WORK

We all know existing RTO office work is how much lengthy as well as very time-consuming process. In many villages, there is only one day camp of RTO and the people who want driving license they should remain present on that day if they missed that day then they have to go to the district RTO office. So it is a disadvantage because that may be not able to go or he having worked on that day. so that here we are developing one web application which provides easiest and efficient way for RTO works like making driving license, the registration number of the vehicle, etc.

In many cases, we found that RTO office work gets complete through the third party called agent. When a person goes to the RTO office for a driving license, vehicle passing, and registration number of the vehicle then a person go through the agent and agent will complete person work by taking a lot of money and that person is unaware of all this system. According to the TOI new on dated 3 September 2015 RTO office is the more corrupted area. So using our web application we are somewhere to help to reduce corruption.

3. ANALYSIS OF PROBLEM

Existing RTO Office work is very complex, waste of time & much more Real-life problem for example if a person wants to make driving license then he or she first goes to RTO office and then they give work to the agent and then agent complete their work by taking a lot of money. In this way when passing his or her vehicle number, insurance of that vehicle, etc. are taking a lot of time. And nowadays each and every person is in hurry so by analyzing and considering these problems we are developing one web application which overcomes this problem and get a solution in an efficient way.

4. PROPOSED WORK

Here, we are developing a web application for RTO so here we give a brief description of our project overview. First, we provide familiar environment means the needy user can access this site for their work purpose related to RTO. First user needs to fill the registration form so that we provide authentication to him and then user can choose option he wants means if he select to making a driving license then we provide driving license requirement details and give available date to him so that he come on that date direct give the test so that he can save his time as well as money.

If user wants to pass his vehicle number then also it takes time in old system but here we provide facility that user he buy new vehicle he should have to first register on our site and fill all the required and importance details of vehicle and we gives this details to RTO office directly so that this work will get complete within less time and the user get his number template easily.

The administrator is providing for authentication purpose as well as it handles all the database of RTO and manages all the process. He has authority to approved learning license number, permanent license number; pass the vehicle registration number, etc. Facilities are provided by the administrator.

The following information shows the details of RTO office management system.

- **LOGIN MODULE**
- **SIGNUP**
- **NEW LICENCE**

LOGIN MODULE

Including login management of different users. User creation of different users. Provide change password option for users.



The screenshot shows the login interface of the RTO Office Management System. At the top, there is a navigation menu with links for HOME, ABOUT, LOGIN, SIGNUP, NOTIFICATION LISTS, and PHOTOS. Below the menu is the Kerala State Road Transport Corporation logo on the left and the text 'RTO OFFICE MANAGEMENT SYSTEM' on the right. The login form includes fields for USERNAME and PASSWORD, a login button, and a link for 'blmessage'.

SIGNUP



The screenshot shows the signup interface of the RTO Office Management System. It features the same navigation menu and header as the login page. The signup form includes fields for Name, Gender (with radio buttons for male and female), Dob, Mobile, Username, and Password. A submit button and a link for 'blmessage' are also present.

LICENCE MODULE

Learner license, driving license, changing the address of license. It has options to apply for the license and renew the license.



Objectives of our paper are-

- * To create a web application to be used in place of the old system.
- *To maintain and improve the skill management for the department personnel.
- *To Provide easiest and efficient way for completion of RTO work.
- *To ensure transparency in the day-to-day management and administration of the officials in RTO department

5. FUTURE SCOPE

This system is also helpful for Traffic police also. The traffic police to be more effective in controlling repeat violators of traffic rules. Traffic Police have the database of registration numbers as well as the history of driving license holders. When a traffic policeman would enter the details of any vehicle caught violating traffic rules, it would give the complete details of that particular vehicle including the name and address of the owner and the make, model and other details of the vehicle. Not only this, the details of the driving license holder would also be available. Therefore enhanced penalties would be imposed for repetition of violation of traffic rules. Fake registration plates, if any, would be detected immediately.

6. CONCLUSION

RTO OFFICE MANAGEMENT SYSTEM is a web application, which is very useful for RTO works completion online. Here we are developing such types of the module which help to reduce the RTO work manually and it helps to save the time of the user. Considerably reduce the corruption in the transport department. Keep the license documents safely.

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