

LASI

License Automation with Speech Intelligence

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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 license, 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- Python, HTML and CSS, Java, MySQL, JavaScript, Amazon Web Service

I. 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 license easier and starting from the initial phase of entering till the result. It is a

more reliable, accurate, timesaving and free from any misuse. The system provides information regarding the RTO Application.

II. LITERATURE REVIEW

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.

III. ANALYSIS OF PROBLEM

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.

IV. 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.

With the help of Face recognition and document verification type security we provide a driving license to authenticate user who has cleared the test. The test is monitored by camera that will run on AI built-in system.

V. FUTURE SCOPE

This will help everyone for getting a Driving License through a genuine and smooth process. They will face a lot less trouble that are being faced during the current process. There will be fast and convenient way to get a Driving License if eligible.

Nowadays the corruption in the RTO Dept. has increased drastically. So through this secure process only legitimate person will get a Driving License by appearing and clearing both the test. Every step will be monitored through AI system. AI system will include face recognition and Driving License test monitoring.

This will help in removing corruption and a helpful system for everyone.

VI. CONCLUSION

LICENSE AUTOMATION WITH SPEECH INTELLIGENCE 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.

Our system helps R.T.O Officers to perform their functions electronically. It will also help the R.T.O officials to maintain records systematically and reduces a lot of paper work and manual efforts. We also identified some general requirements of such a system and tried to meet those requirements as much as possible in the design and implementation of our system. Traffic policeman can easily inspect the vehicle documents using rfid - reader & card. It saves time of user. Also reduce the corruption in transport department and keep the documents safely.

VII. ACKNOWLEDGMENT

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