

**MAIN PROJECT ABSTRACT**

**TOPIC: REGIONAL TRANSPORT AUTHORITY SYSTEM**

**SUBMITTED BY**

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# **REGIONAL TRANSPORT AUTHORITY SYSTEM**

## **MAIN PROJECT ABSTRACT**

“REGIONAL TRANSPORT AUTHORITY SYSTEM” is a web application developed for Road Transport Authority to facilitate the users in applying for various licenses and registrations. This tool has been designed to facilitate the flow of information within the organization. RTA provides the facility of applying licenses online, issuance of permanent license, new vehicle registration, vehicle ownership transfer, duplication of license, MCQ questions, apply RC book, renewal of license and receiving payments. User can apply to these services and the sub-officer can view the registration of services that is applied by the user .He has the power to approve or reject the services and the approved registration list is send to the RTO for final verification .RTO will approve these services and finally, the user can download the certificates from the application.

In main project, we are making the three extra modules such as institution, instructor and RTO

The system includes 5 modules.

They are:

### **1. RTO Module**

#### **1.1 Login**

The main activities in the application are the user login page for user. The other modules are followed by this login page. This module records only user and password of the user. RTO can approve or reject user services. RTO can view only the filtered list of registered services. He also can able to add Institutions and add questions for the license.

#### **1.2 New LLR**

LLR means learner license registration. it means for granting a person to drive him/her independently in road.

#### **1.3 New license**

A driving license is an official document issued by the government of India, permitting an individual to drive a vehicle on Indian roads. This document certifies that the Regional Transport Authority System individual is eligible to drive or ride motorized vehicles such as a car, truck, bike, bus, etc., without any supervision. Commonly referred to as DL, a driving license specifies that you have undergone the required training and tests and are

well-aware of all the traffic rules and regulations. He can send notification to the user about the expiry through email.

#### **1.4 New vehicle registration**

The Regional Transport Office (RTO) is responsible for registering and keeping track of every vehicle that runs on the Indian roads. Each state has many RTOs spread across their length and breadth and these offices offer citizens a wide range of services related to their vehicles. One of the most important services RTOs offer are vehicle registration.

#### **1.5 Vehicle Ownership transfer**

If you sell your car, it is mandatory to get the ownership of vehicle transferred to the name of the buyer. Vehicle ownership transfer which is generally called the RC transfer is important because it ensures that the vehicle and all legal liabilities related to it are transferred to the buyer.

#### **1.6 Renewal License**

Application for renewal of driving licence can be made within 30 days from the date of expiry of validity. The driving licence will be renewed for the period of five years in respect of Non-Transport Vehicle and three years for Transport vehicles.

#### **1.7 Provide the certificate to institution about the vehicle**

RTO can check the vehicle is safe to travel, test the pollution test and engine details etc.

#### **1.8 Duplicate License**

If the user's driving license is lost, then the user needs to apply for the duplicate license. The final approval of duplicate license is done by the RTO.

#### **1.9 RC Book**

RTO will check for the data that are entered by the user and then approved by the RTO.

#### **1.10 Update status and logout**

An admin will be update a user's status like LLR, license, renewal license, vehicle registration etc. and then terminate the connection.

### **2. Institution Module**

Institution can register in this site and approved by RTA. They can approve or reject the request made by the users. He can also view the learner's license list. So that, the user can send request to those institution nearby them.

## **2.1 Login**

The main activities in the application are the user login page for user. The other modules are followed by this login page. This module records only user and password of the user. RTO can approve or reject user services. RTO can view only the filtered list of registered services. He also can able to add Institutions and add questions for the license.

## **2.2 Register**

He can register to the site by applying the documents about the institution and the owner.

The application shall be accompanied by the following documents, namely,

- (a) The original receipt of the fee remitted;
- (b) The ownership certificate or rent agreement of the building/space in which the driving school is proposed to be started;
- (c) Copy of the certificate showing the qualification of the instructor of the school;
- (d) Consent letter of the instructor;
- (e) Sketch of the rooms and parking area of the school;
- (f) Copy of the documents used for teaching purpose;

The applicant is requested to contact the motor vehicle inspector of the area concerned and ascertain the details of the arrangements to be made for establishing a driving school and for teaching the students of a driving school.

After receiving the application, the licensing authority will conduct a detailed enquiry through the motor vehicle inspector of the area and if satisfactory report is received regarding the arrangements made for the school, the driving school license will be issued

## **2.3 Profile**

Profile of institution contains business Information, services offered by the Driving School, various mode of payment, hours of operation, year Established, contact information, add photo and provide the details about space for lecture hall, space for office room, parking area, basic amenities

## **2.4 Add instructors**

Institution can add the instructors to teach the driving.

## **2.5 Change the instructor**

He has the power to change the driving instructor

## **2.6 Register the vehicle details to the RTA**

Here the registration of vehicle is to ensure the vehicle is safe/not

## **2.7 Provide Traffic Signs**

Traffic Signs or Road Signs are signs erected at the side of roads to provide information to road users. Pictorial signs are used as symbols in place of words. As control devices for traffic, signs need full attention, respect and adequate driver's response.

## **2.8 Road safety videos**

He can provide online videos and teach the users how to use the vehicles.

## **2.9 Fees and user chargers**

Institution can provide the fee charges per vehicle and timing.

## **2.10 View exam Details**

Institution also can view the exam details.

# **3. User Module**

## **3.1 Institution registration**

He can register to driving school for learning the driving.

## **3.2 View charges**

He can view the fee charges provided by the institution.

## **3.3 Apply and attend for LLR exam**

He can apply for LLR exam. He can attend the exam and view the status about result.

## **3.4 Download Certificates**

He can download the certificates that he applied after it is approved like driving license, duplicate license, renewal license etc. He can also download the affidavit for lost driving license. Then he can apply for the duplicate license with this affidavit.

# **4. Sub officer Module**

## **4.1 Schedule Exam and Add questions zone wise**

He has the power to schedule the LLR exam

#### **4.2 Send Exam Details**

He can send the exam details to both user and institutions.

### **5. Instructor Module**

#### **5.1 Login**

He can login to the site.

#### **5.2 Register to Institution**

He can register to institution for teaching driving.

#### **5.3 View institution details**

He can view the driving school details.

#### **5.4 Profile**

He can view his details.

#### **5.5 Logout**

He can terminate the connection.