Objective: -

The main objective behind the development of this application is to provide convenient way

* This online web application can be useful to track the detail information about any Vehicles without carrying the documents and smart card.
* We can also be able to read the owner details by providing the Vehicles registration number.
* We can also be able to get the PUC related details from this application.
* The RTO administrative officers (Authorised person) can only be able to insert the Vehicle records into the database.

Scope of the system:-

* The web application should accept the Vehicle Registration No as an input and display the detailed information about that vehicle.
* The detail information should contain Vehicle no, Registration Date, Owners Name, Address, O SNo (Owners Serial Number) , PUC Registered date, PUC Expiry date etc.
* Unauthorized user unable to edit the contents and data is Read only.
* PUC Administrator (Authorized Person) can be able to change the PUC Registered date and PUC Expiry date. The other contents cannot be accessible but PUC administrator.

Use case study about the application:-

* This web application can help RTO as well as PUC outlets and consumers in the following way:
* The basic purpose of this application us to help RTO administration to enter newly registered vehicle data which further can be used by RTO for the purpose of alteration.
* For PUC outlets the use of this application will be restricted only to update the renewal and expiration dates of PUC data.
* Similarly for an individual consumer use of this application will be restricted only for viewing the details of vehicle which are updated by RTO.

Operating Environment:-

* Java, Maven/Ant, Spring Framework as Front end.
* MYSQL as Back End.

Hardware/Software Requirement:

* Windows or Linux operating system with java installed on it.
* Latest version of Tomcat.
* Minimum 128 MB RAM.

Future Enhancement:-

* In future we will try to get connect with the RTO database where we will get all the registered vehicle entries and then individual consumer user can be able to get the information about any vehicle.
* We will also try to put criminal records belongs to the particular vehicle by just assigning some critical indication sign then if a vehicle get criminal record the owner has to pay some fine to RTO or to the nearest Police station.