Synopsis

Of

**Vehicle Information System**

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**Bachelor of Technology**

**In**

**Computer Science and Engineering**

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**INTRODUCTION**

This system “Vehicle Information System” allows providing information and service for vehicles. If customer got any problem with his vehicle based on guarantee card they are providing services.

The real power of this project lies not in direct selling of products, but in the creation of tighter relationships with customers and delivering of a high level of service and support, which in turn improves organization sales and its goodwill. A service organization is a business entity that takes care of servicing a customer vehicles in the after sales domain. As the number of customers and size of operations increases, the organization divides the geographical area into service areas and branch locations, to allow Engineers to be more responsive to the customer-needs.

The “Vehicle Information System” will benefit us in many particularls to ease the process flow through paperless and well organized system. This VIS system will developed as a web based system is used to make easy for keeping the records and user can also get information about their vehicle related to RTO, insurance, workshop, finance etc. upon request or on subscription.

Consequently this system will help and make easy the user specifically the staff who in charge in managing the vehicles record. This system will facilitate the staff in keeping all the vehicles information. Besides that, this system also is proposed to build up the complete vehicle database providing every solution relating vehicle and road.

Dealer Business Management enables efficient Service and information Processing and for any given number of orders per day .it includes Service requests and Scheduling ,Optimization of techicans, tools and parts as well as their deployment and scheduling .User friendly interfaces provides ease of use and the integration technology ensure a seamless and smooth business process into channel System, including RTO, Finance, Insurance etc. Service monitoring and analysis increases the Visibility in Overall fixed Operations and helps increases service Capacity utilization ,efficiency and decreased operating cost. Recreation Vehicle service technician inspect ,test, service, and replace every system installed in a recreation Vehicle with the exception of the dry.

Both intervals are equally important for properly marinating your Vehicle Remember all Toyota dealerships offer a broad range of Parts and Service.

**USER OF THE SYSTEM**

**1.Admin**

In admin module the whole project team is contributed. Because admin module is the main and first module of the project. In admin module there is lot of sub modules which relates to every main module of the project.

**2.Customer**

In vehicle information system, the “Customer” is the second module.

**3.Police and RTO**

In vehicle information system, the “Police and RTO” is the third and fourth module.

**4.Finance and insurance**

In vehicle information system, the “Finance and Insurance” is the fifth and sixth module.

**5.Workshop**

In vehicle information system, the ”Workshop” is the last module.

**FUNCTIONAL REQUIREMENT**

**Admin**

Admin will add the customer and provide all the information and he/she will add service related information like add vehicle, add parts, add insurance, add finance and managing all the modules. The admin can also view all information and make updation related to modules. Like view parts which is workshop related information and also view all the employee and customer details by the work ID and customer ID. These are the responsibilities which are going to play by the admin.

**Customer**

In the customer module, first the customer will register his/her self in the system by entering the personal information. In customer home page all the links are available for the related services. Like Insurance, Police, RTO, Vehicle, etc. The mailing facility is also available in customer page for send and receiving the mails from the related services provider.

**Police and RTO**

These modules are totally related with customer module. In police module there are various sub modules like theft complaints, theft status, report generation.

Like when the customer mails to police for registering a complaint for vehicle theft. And then the police will send a reference ID of the complaint to the customer through mail.

And, In the RTO module the customer can send request related to vehicle. Like transferring of vehicle, renewal request of vehicle and after this a valid report will be generated by the RTO authority sends it to the customer through mail.

**Finance and Insurance**

These are the precious service used by the customer so, admin will add particular service provider in the system. If a customer want to use finance service for purchasing a new vehicle and for purchasing part of vehicle he/she can contact with authorized finance providers then the related reference ID will be send to the customer.

In insurance service the customer can make the request to insurance provider for making their vehicle insurance. Like new insurance, renewal and also for claims and further communication will be makes by various sub modules.

**Workshop**

In the workshop module the customer can take the instance facilities.

Like vehicle servicing, can view the availability of needed parts, can also search for parts. Here the mail facility is also available for further communication. The related workshop also provides the online payment service which is totally secure.

**OBJECTIVES**

The project is desired to meet the following objectives:

* The objective of this web application is to completely automate the process of Vehicle information.
* Provide the same level of services to user, as we would expect for ourselves.
* This web application is basically use to provide the various informations related to the vehicle.
* This web application is a combination of various services which are user usually needed.
* This digitalized system is better than the manual system.
* Provide excellent and easy to access means of communication medium between Customer and various service provider.
* Only the related service provider has the authority to view their related data.
* User can send information through mail and query to each other.
* To store and maintain the information about the process of organization.
* Provides the facility to maintain profile and inbox of each employee separately.

**SOFTWARE REQUIREMENTS**

Browser : IE 8.0, Firefox 4, Chrome 18 or above

Database : Oracle

Web server : Apache Tomcat (7.059)

Operating System : Windows

Scripting language : JavaScript, jQuery

IDE : Eclipse

Database : MS SQL Server

**REFERENCES**

* [www.google.com](http://www.google.com) Google Search Engine
* [www.javatpoint.com](http://www.javatpoint.com) Java Tutorials
* [www.wikipedia.com](http://www.wikipedia.com) Informations