

Car Rental System

I.S.Madhu¹, Abdul Sir²

¹ Student, Dept. of MCA, EAIMS

² Professor, Dept. of MCA, EAIMS, Tirupati, A.P.

Abstract- Online Car Rental system is the most complete web portal for managing car rental business. It is a system designed specifically for medium and small car rentals business. Till recently, low cost manpower and easy availability of manpower ensured that the existing car rentals was the cheapest, most widely available. The current system is error prone and customers are dissatisfied. Significant increase in the cost of manpower, shortage in the availability of trained manpower and rising customer expectations on safety and comfort lead to the concept of self-driven cars. These self-driven cars can be booked online, one can take them and drop them after use.

Index Terms- purpose of the system, existing system, proposed system, architecture, modules.

I. INTRODUCTION

Online Car Rental system is the most complete web portal for managing car rental business. It is a system designed specifically for medium and small car rentals business. Till recently, low cost manpower and easy availability of manpower ensured that the existing car rentals was the cheapest, most widely available. The current system is error prone and customers are dissatisfied. Significant increase in the cost of manpower, shortage in the availability of trained manpower and rising customer expectations on safety and comfort lead to the concept of self-driven cars. These self-driven cars can be booked online, one can take them and drop them after use. Administrators of this car rental website can add vehicle pictures, specifications about the vehicle, vehicle availability and rate card based on the clients who have specified their car details. The goal of this project is to automate the self-driven vehicle rental and reservation so that customers do not need to walk-in or call in order to reserve a vehicle. They can go online and reserve any kind of vehicle they want and that is available. The Vehicle Reservation system

will maintain the database of all vehicles the company has.

1.2 Existing System

The existing system is error prone and customers are dissatisfied. Significant increase in the cost of manpower, shortage in the availability of trained manpower and rising customer expectations on safety and comfort lead to the concept of self-driven cars.

DISADVANTAGES

- Time taken process
- Customers are not satisfying with this services

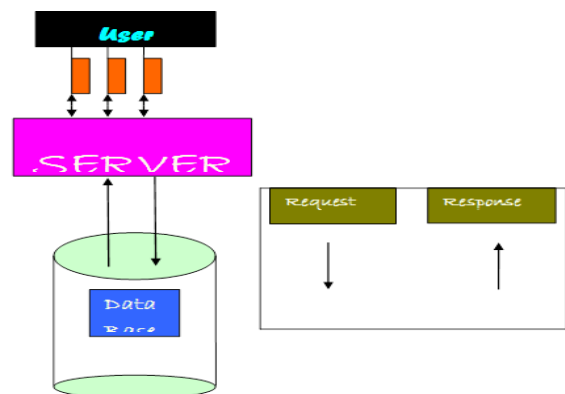
1.3 Proposed System

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Advantages:

- It takes less time to process
- Easy to maintain car rental business
- Customers are fully satisfies with this services

II. ARCHITECTURE DIAGRAM



III. MODULES

Car Rental System is having Four Modules. They are

- Admin module
- User module.
- Owner module.
- Authentication module or registered user.

Admin Module

- The Admin Module Has full access to all the modules of this system. Responsible for the all users and owners of this industry. He/She can view Registered users, and owners. Admin must be accept owner/car registration then only owner can login.

User Module

- The User Module has restricted access. i.e. users have access to some of the modules only. The User not allowing to access all modules in the car rental system. i.e. user can see the Fare list of all car by searching area or capacity of car and he can send request for car booking to owner.

Owner Module

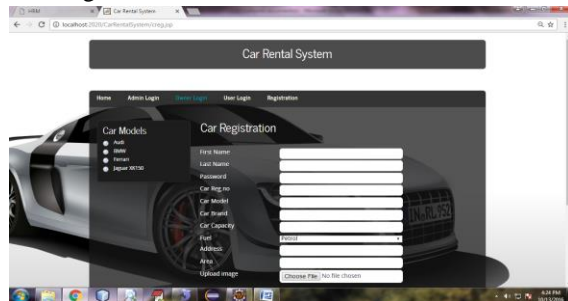
- The owner Module can registered with his car details. Once registered the admin must be accept the owner registration then only he can login into to system.

Authentication Module/Registered User

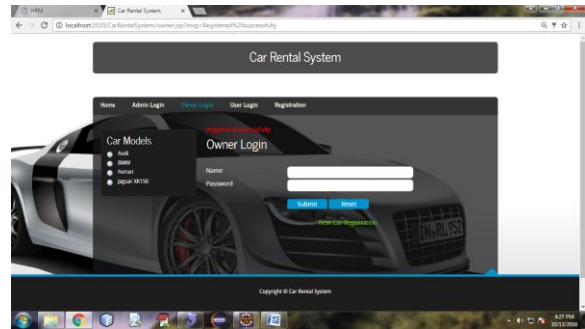
- Users and owners initially need to get registered, and then logged into the system by using valid credentials like username and password otherwise you didn't access this module.
- Then he can view the profile, view car details, book car and view the booking details.

IV. SCREENSHOTS

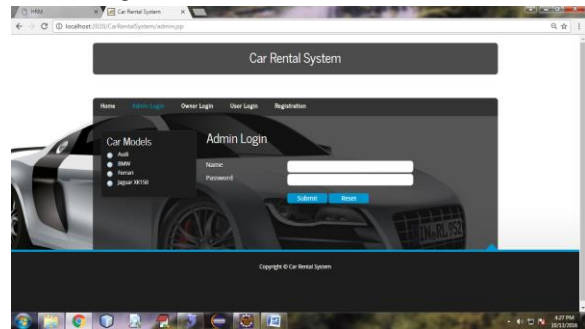
Car Registration:



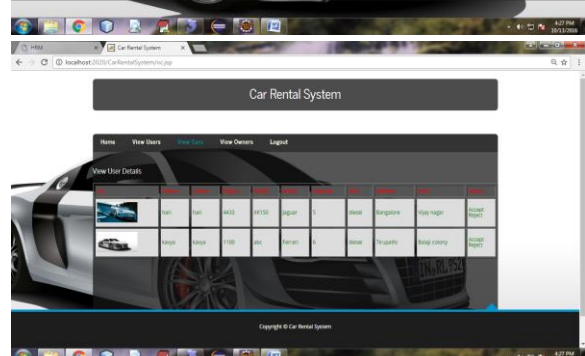
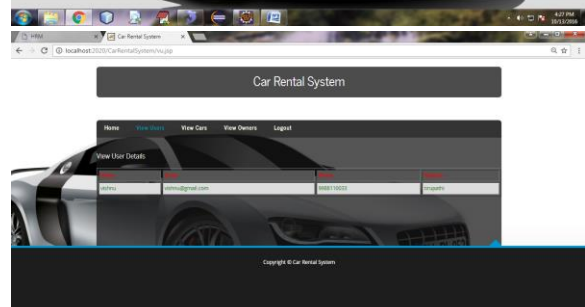
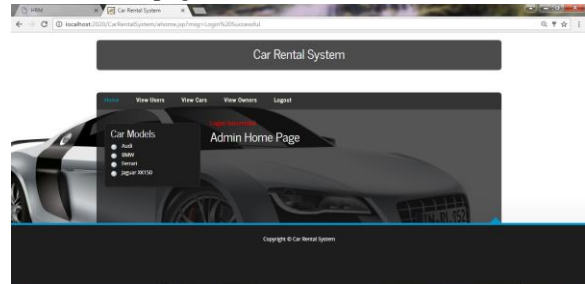
Owner Login



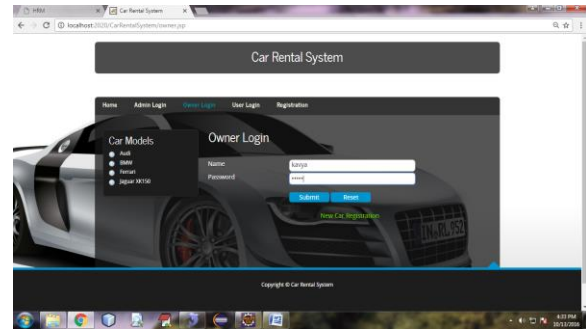
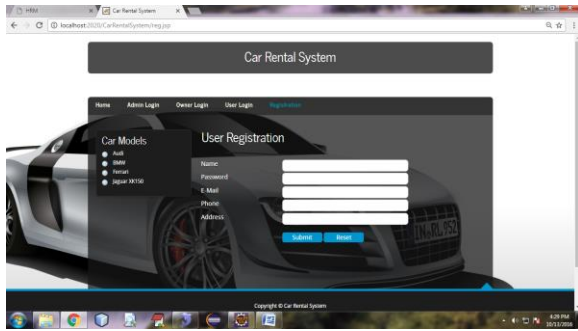
Admin Login:



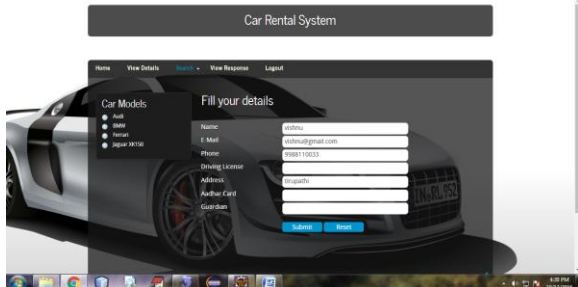
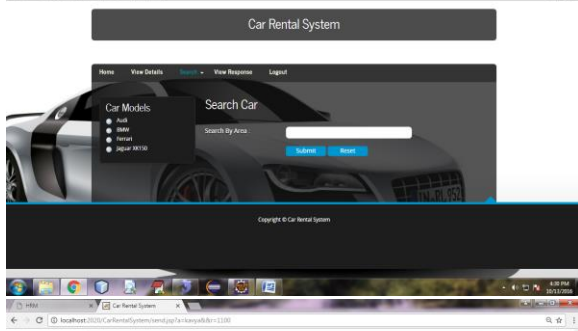
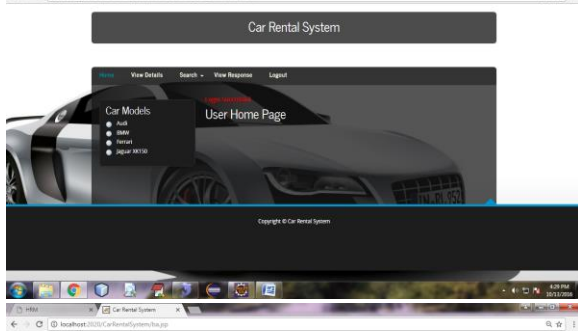
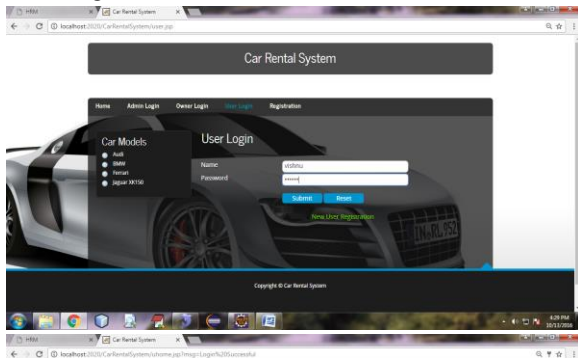
Admin Homepage:



User Registration:



User Login:



V. CONCLUSION

The main objective of this project is act as mediator for car owner and who want to car rent. Who wants car simply login to this site and book car. Customer are fully satisfied to this system.

REFERENCES

References for the project development were taken from the following books and web sites.

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