

Vehicle Rental System

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Abstract: Our Aim is to design and create a data management System for a vehicle rental System. This enables admin can rent a vehicle that can be used by a customer this system increases customer retention and simplify vehicle and staff Management in an efficient way. This software Vehicle Rental System has a very user friendly interface. Thus the users will feel very easy to work on it. By using this system admin can manage customer confirm and cancel booking request, customer Testimonials, customer issues. The Vehicle information can be added to the system. Or existed car information can be edited or deleted too by Administrator. There is no delay in the availability of any Vehicle information, whenever needed, car information can be captured very quickly and easily. The customers can also use the system to get car rent. The customer should create a new account before logging in or he / she can log into the System with his/her created account. Then he/she can book the available cars and can book this car .This system will helpful to the admin as well as to the customer also.

Keywords: MQ135, Air pollution, dust sensor

I. INTRODUCTION

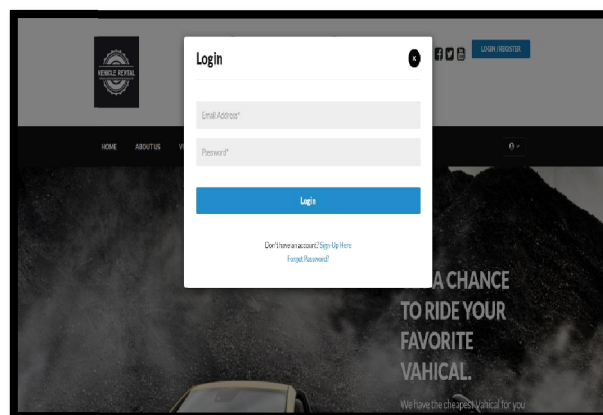
This project is designed so as to be used by Vehicle Rental System specializing in renting Vehicle to customers. It is an online system through which customers can view available bikes, cars, register, view profile and book bike.

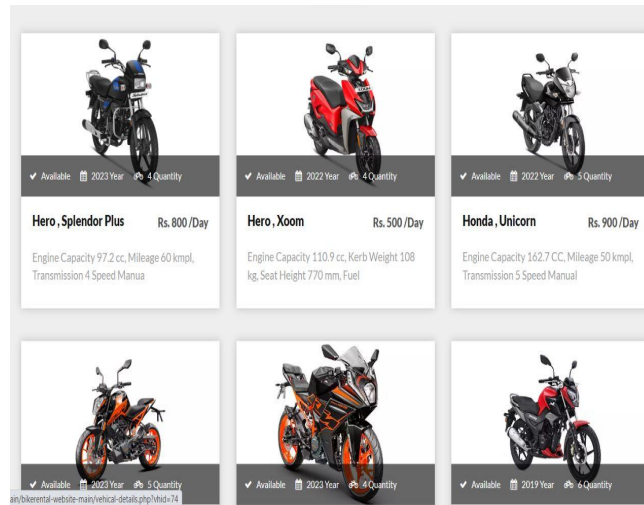
The advancement in Information Technology and internet penetration has greatly enhanced various business processes and communication between companies' services provider and their customer of which bike rental industry is not left out. This vehicle Rental system is developed to provide the following services. Enhance business Processes to be able to use internet technology to project the rental company to the global world instead of limiting their services to their local domain alone, thus increase their return on investment

II. OBJECTIVE

The main objective of Vehicle rental system is to book a vehicle for rent in online mode. This help to save time and money. We know today world is digital world so is is easy to book a car or bike in anywhere from the system. But payment is in offline. Hence it is easy to book all vehicle fast and instant. It Help to save money and time.

III. SOFTWARE





IV. FUTURE SCOPE

Our future work will focus on to available more vehicle like truck, crane, tractor for book in rental system. Also we focus on available for payment system in online mode. Vehicle rental system make more advanced security and enhanced option. With the help of this project we will solve real world problem for transportation

V. RESULT AND CONCLUSION

5.1 Experimental Setup

Objective:

Develop and evaluate a Vehicle Rental System using PHP.

Experimental Variable:

- Independent Variable: for booking vehicle automatic go to request to admin.
- Dependent Variable: Accuracy And efficiency of Vehicle rental system.

Experimental Data:

In this Experiment, registered data will be used to confirm the booking for rental system. Registered people data created with unique identifiers linked to vehicle rental system.

Data Analysis:

Customer are booking a vehicle this request is go to admin side and admin can confirm the booking according to customer available data then booking is successful.

Experimental Validation:

Compare the data of customer from their document and customer entered document at the time registration then admin can approve the request comes from customer.

Limitation:

This vehicle rental system the payment method is only offline and vehicle like bike and car are available etc.

5.2 Instruction for operating the system:

System Requirement:

Xampp Server (Control Panel), V.S. Code

Database Setup:

1. Database, client side and server-side programming setup are available in Xampp server.
2. Create a new database for customer.
3. Updated the database connection setting in the project configuration file if necessary.

Launching The system

1. Build the project to generate the executable files.
2. Run the application by executing the main program. (Index.php)
3. Wait for the system to initialize and display the home screen/page.

Customer Registration:

1. If you are first time customer, click on the “Sign-up” button on the login page.
2. Fill the required registration details, such as email, username, mobile no, create password.
3. Submit the registration form to create a new user account in the system.

Customer Login:

1. On the login page, enter your registered email address and password.
2. Click on the login button to login the system.
3. In home page you have to select your favorite bike or car for booking.
4. After selecting the car or bike your request is going to the admin.
5. After receiving the request from customer, admin can confirm the request and booking is successful.

Admin Login:

1. Go to home page, at the end of page click on admin login.
2. On the login screen, enter your registered email address and password.
3. Admin can access the all record and pending request for booking of vehicle from customer.
4. Admin can add the new brand of vehicle and add the new model of vehicle.
5. Admin can modify the vehicle description, approve the request of booking vehicle from Customer.

Customer data recording:

All the registered customer data are stored in the database.

Logging out:

1. To logout the system, click on the “Logout” button or close the application window.

VI. CONCLUSION

Vehicle Rental System is a web application and it is available for everyone. In this application, Admin have been given access rights and are restricted up to certain functionality, so that data is maintained securely and redundant data is prevented. The user interface is very friendly and can easily use by anyone. It is also decreasing the amount of time taken to write details and other modules. At the end, this software can perform all the task accurately and can do the work for which it is made.

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