CAR Rental System using Web Technology

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ABSTRACT

Today's web-based technology offers many online services in almost every field. Every major industry is converting and establishing a digital front for all their major operations to get closer to the booming digital market. In today's world the information flow is very fast and redundant means won't add to the bettermentof the individual or the organization that's using them. Online connectivity is now a must for all the well organized and well managed establishments. One such field is Car Rental where the digitalization of information should happen rapidly and efficiently. This paper addresses that particular region and paves a way for the creation of a software that helps to an easy transition from paperwork to e-papers. The paper describes an idea of such a web-based platform that eliminates the need of paper prescriptions in the Car Rental Companies that proposes E-Medical Management which will increase the efficiency of patient management, schedule management of the costumers and give universal access to the car data or drivers data as per needed.
Keywords: Web-Based Car Rental System, Car on Rent, Car Agencies

1. INTRODUCTION

Moving on, this car rental project system project in PHP focuses mainly on dealing with customers regarding their car rental hours and certain transactions. Also, it displays all the available cars on the home page whereas the users cannot view unavailable cars until and unless the user returns the rental car. The project is divided into two categories: Customer Login and Employee Login. In an overview of this web app, the employee has full control of the system. Talking about the project, a customer can simply log in or register their accounts. He/she can view available cars, select any one and proceed for rental after selecting various conditions, dates, etc. After all, the customer can rent a car by filling up the given forms.

The customer can view all his rental records and history once after logging onto the system. In addition, the customer needs to return the cars using the system because all the records are carried throughout the system. At last, the system prints an invoice stating all the information with total costs.

2. OBJECTIVES

The main objective of the Car Rental System is to manage the details of Car, Payment, Customer, Supplier, Insurance. It manages all the information about Car, Booking, Insurance, Car. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the car, payment, booking, customer. It tracks all the details about the customer, supplier, insurance.

3. EMPLOYEE PANEL

Similarly, an employee plays the main role in implementing the system. An employee has the right to view all bookings, drivers, cars. In order to add a car for rental purposes, an employee must provide a car name with its number plate, fare-related information, and car image too. Also, for adding driver records, he/she must provide his/her name with driving license number, contact information, and gender. Last but not the least, an admin can view all the system data such as bookings, car details, availability, driver information. For its UI elements, a free open-source CSS framework; Bootstrap is on board. Presenting a new car rental system project in PHP MySQL which includes an employee panel that contains all essential features to follow, and a knowledgeable resource for learning purposes.

4. PROPOSED SYSTEM

The manual work done by the employees need to be automated because it is requiring much time and effort of the employees ergo the proposed system is engendered keeping in mind all the functions and quandaries facedby the customers while dealing in renting out the car.

This system provide opportunity to the entities who need to manage their work through the system and avail the ground authenticity where the rental car data is optimized in a format sustaining the accounts of each employee, customers and even admin account additionally

The customer after registering into the system can access their accounts and edit the data in it. They can withal book the car on rent through the system after depositing the advance payment to the admin. The admin is the head entity who can control the system data in a legitimate form and manage the accounts of other entities.
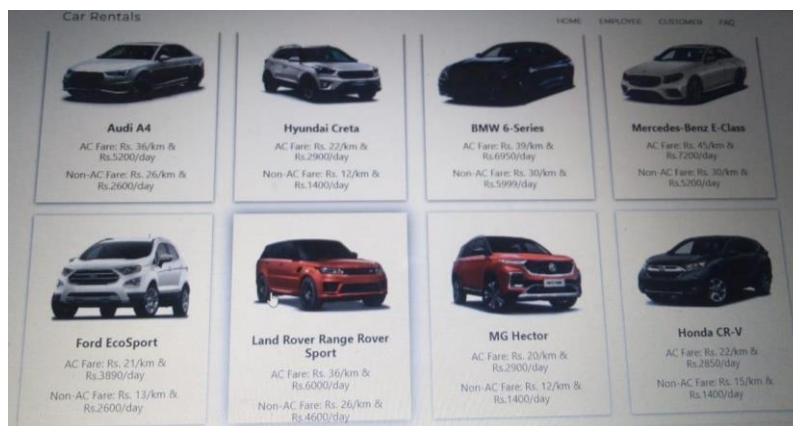
5. LANGUAGES USED

MySQL: MySQL is well known as world's most widely used open-source database (back-end). It is most supportive database for PHP as PHP-MySQL is most frequently used open-source scripting database pair. The user-interface which WAMP, LAMP and XAMPP servers provide for MySQL is easiest and reduces our workto a large extent.
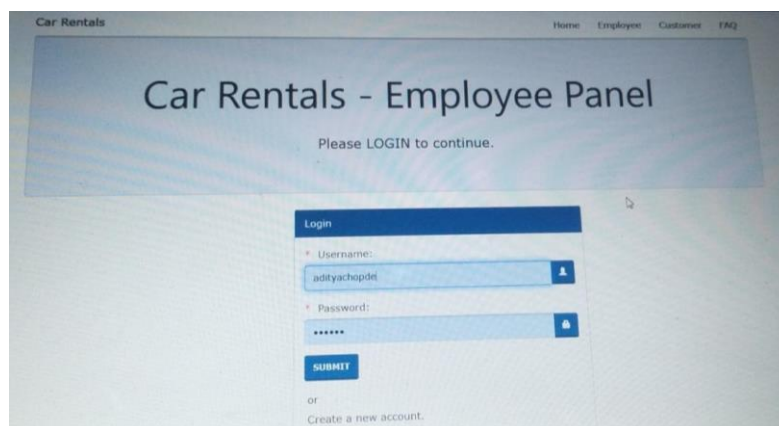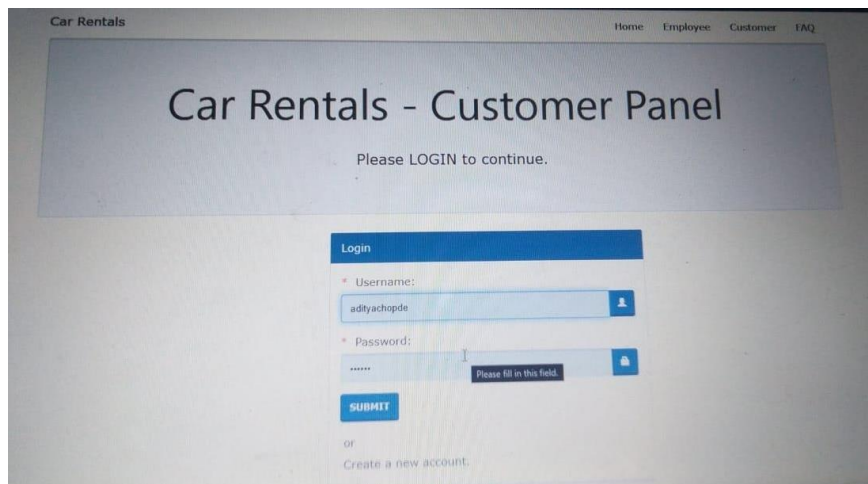
6. RESULT

#Home page

 # Car For rent

 # login

 # Customer Login

7. AVAILABLE FEATURES

- Customer Login/Register
- Employee Login/Register
- Display all available cars
- Various price range
- Rent cars
- charges (for crossing due dates)

- View rental history
- Return cars
- Total amount calculations according to days and kms

- Add and view rental cars
- Add and list driver records
- View overall bookings
- Addition of extra

8. CONCLUSIONS

We created a database that a market can use for Car Rental System. There will be Customer, Agents and Employees are taking part in this database system in which customer can add extra driver who will drive car with him/her. We can keep record for that extra driver too. We can keep record of agent location as well.

During implementing this project, we implemented relational system & languages and weget to know that how reliable this system is for database because it provides centralized database structure which make database system efficient.

9. REFERENCE

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