Online car rental system using PHP

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ABSTRACT

This Website's main motive is to create a Data Base Management System for Online Car Rental System using PHP. The Admin Site of Online Car rental system Enables the Ease to manage cars, booking etc Smoothly. The admin can easily add, edit, delete the information regarding car or site pages. The Online Car Rental System makes the Customer convenient to book car of their choice from anywhere. Our Site is extremely User Friendly, with a very attractive Background. This makes it very easy, and quick for the User and the Admin to Manage the Data and retrieve whenever needed.

Keywords— *PHP, MySQL, Car-rental, Admin*

1. INTODUCTION

In today's busy World, People want everything to be in one click at their own pace, Our Website Online Car Rental System Using PHP makes it easier to rent a car in just few clicks. There are various types of Cars of different Sizes, Shapes, Colour, it has multiple options with multiple extended features making it simpler. It has Pictures of the car on the display screen with other details such as car brand, price per day, car fuel type (Petrol, Diesel, CNG), Car features such as Air Conditioner, Automatic Door Lock System, Air Bags etc.

There are Different Sections such as Large, Classic, Economic, Luxury etc. Customer can choose according to their need and choices.

1.1 Advantages of Online Car Rental Services

- Very easy to use.
- Abetment in back-office administration by streamlining and standardizing the procedures.
- Cost-Effective and saves a lot of time, money and labor.
- The application acts as an office that is open 24/7.
- Increases the Productivity of the management at offering quality services to the customers.

1.2 Disadvantages of Online Car Rental System

- The User needs to Wait for Confirmation of car rental booking till the admin approves.
- Sometimes the Site responds slowly.
- Due to Network Issues the website may also lose the input data of user before submission.

2. USERS AND CHARACTERISTICS

2.1 Admin
-The admin can login to the system.
-Check the car information database.
-Generate price accordingly.
-Handle the payment system.
-Accept the order.
-Decline the order.

2.2 Employee
-It amends the database.
-Give fundamentals to the customer about the car.
-Provides different options.
-Supports contacts.

2.3 Maintenance Manager
-It checks for the maintenance.
-Up to date to the maintenance.
-Provides information to the admin.
-Regular check to the database.

2.4 Customer
-Customer can login to the system.
-View and explore the website.
-Book the order.
-Delete the order.

2.5 Operating Environment

Server Side: Processor: Intel® Xeon® processor 3500 series HDD: Minimum 300GB Disk Space RAM: Minimum 8GB; OS: Windows /Linux; Database: SQL Server (MYSQL); Application: XAAMP, phpmyadmin

Client Side (minimum requirement): Processor: Intel Dual Core; HDD: Minimum 80GB; Disk Space RAM: Minimum 1GB OS: Windows/Linux

2.6 Description

(a) Design Creation and integration: The Developer has designed the website in such a way that it is easy to use, user-Friendly.

(b) Types of users: The Web Site has following types of Customers:

- Front Users: On Forefront web site, there'll be following types of users.
  - Website Visitor: These types of users are going to be able to search all the CMS managed pages and products on the web site. They will get registered with the positioning for creating purchases. Unknown/Guest Checkout isn't allowed.
  - Registered Customers: These types of users can have their personal login data so as to login within the web site, they are going to be able to act with the web site in several manners like, create a purchase, track the order, changes axiom and access My Account section.
- Side Users: On the web site, there'll be following types of users.
  - Restricted Privileges user: These types of users can have restricted access to side, website admin is going to be able to generate this sort of user and assign permission to them.

(c) Website Main Admin: These types of users can solely be the user. The admin user can have full fledge access to any or all options and compatibility of the web site. These types of users are going to be able to control the websites with all totally different modules mentioned during this scope of document.
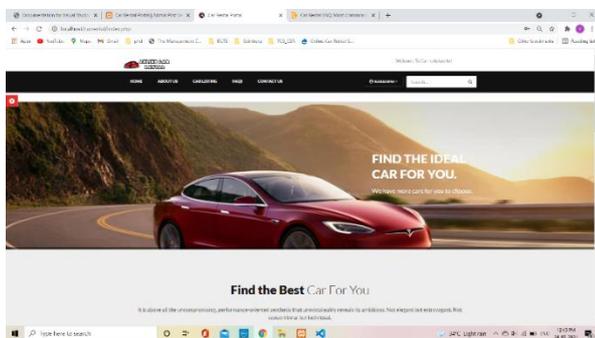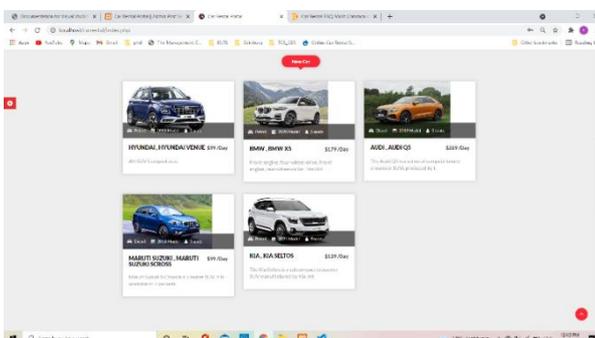
2.7 Design of Website
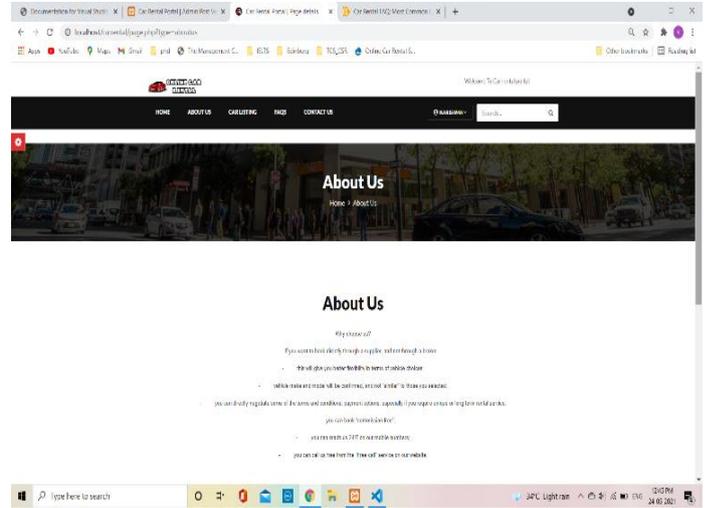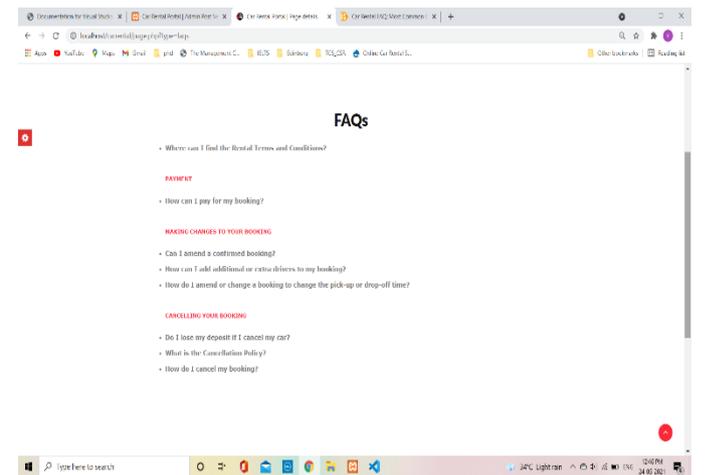

Fig (1): Home Page

Fig (2): Car Listing Page

Fig (3): About Page
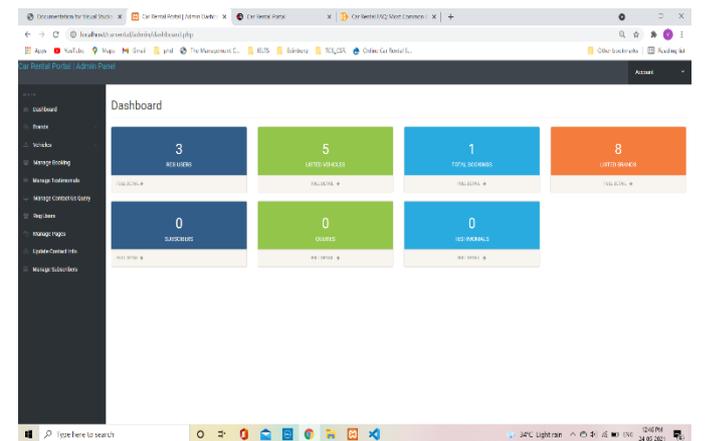

Fig (4): FAQ Page

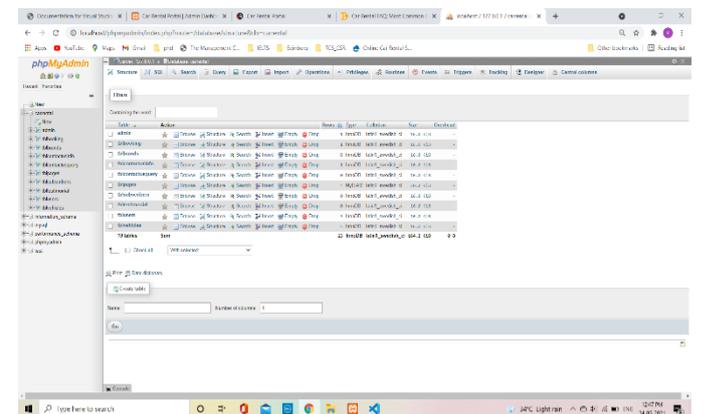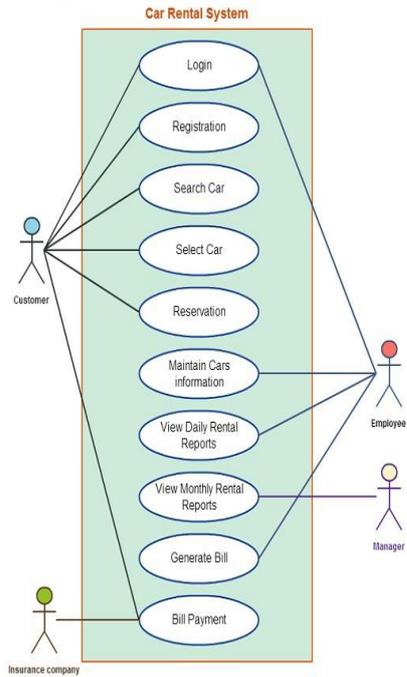**Fig (5): Admin Portal**

Fig (6): PHP MyAdmin

2.8 Use Case Diagram

3. CONCLUSION

Thus, we conclude by reviewing all the advantages of the online car rental system, making convenient for the users/customers. The website contains multiple pages such as the Home page, Car listing, FAQ page, Admin Portal on different website and a PHP-My-Admin database connected to the website.

4. ACKNOWLEDGEMENT

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5. REFERENCES

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