Online Vehicle Rental System

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Abstract

Transportation is the major need of the worker and minor need for large number of people, government, and many organizations. Without transporting goods and cargo etc. There are many rental systems available in offline but the main disadvantage in it is the customers have to visit the company to pick up a vehicle. In order to save time and effort we introduce web based online vehicle rental system. The method that exists since now is offline vehicle rental system which is a major negative for most of the customers. There are only few companies are available offline not everyone knows about the company's existing. To avoid the disadvantage in this offline vehicle rental system, many use a method of advertising and posting flyers for their companies to acknowledge their customers about vehicle rental system. The major advantage in our web based online vehicle rental system is that the customer can book their vehicle from anywhere and anytime to their need. Their rented vehicle will be delivered to their booked location. One can see available vehicle using their mobile phones from anywhere through internet connection.

Keywords: Vehicle Rental, Transportation, Web-based system, Online Rental

1. Introduction

Vehicle rental companies are organizations that rent a vehicle for a specific period of time, usually in the range of a few days to half a month. This is routinely resolved in various nearby offices (allowing customers to bring their vehicles into the exchange area) and is generally resolved in affected metropolitan areas located near stations, airport terminals, or nearby. With bookings, which are often expanding through online approved sites. Car rental companies are basically temporary, such as those who do not request their vehicle, those who are absent, and those who damage or damage the owners of cars who value fixed or protective benefits. Serve those who need a car. In addition to basic vehicle rental, the car rental company regularly offers protection, additional items such as PUC. Premium and little car rentals. Now you can get everything you need at home through a specific snap. We are certainly considering online shopping, electronic banking and more. Therefore, the vehicle rental system is an online office for booking vehicles online almost anytime. Some people cannot stay with a car. For these people, this system is very useful. This framework includes different vehicles at the request of customer, the comfort done at the request and received according to the pickup area in the zone. Reservation of should be possible, so to speak, via network access. The company had to navigate many disciplines, from business ideas to registration disciplines, and do some research to make that happen.

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The web based interface what's more, android applications for the customers can in like manner use the structure to rent a vehicle and the pickup drop boss will use the application for entering all the pickup drop required. The client must create another entry before logging in. Otherwise, you can use the entry you created to log in to the framework. At this point, he / she must complete the hiring process, including approval by Organization, at which point he / she can reserve the location of vehicle. Thus, using this framework will benefit both owners and customers in different ways.

2. Literature Survey

Because our structure relies on a convenient car rental system, which is a genuine application we have inspected. Current working status of rental technology. Currently, there are rentals and organizations. It relies on physical labor to solidify the workspace labor package like human resources. To date, Cab Services has been found to be very easy to book, pay, or disembark because of its structure. For useful applications similar to locales. Therefore, it is necessary to change the way the rental car is organized service.

However, it turns out that car rental companies still use the core methodology of rental. Vehicles to Customers should really focus, and owners should also. With access to it, the owner registers the vehicle with his assisted driver (at a cost). Focus on the structure of our self-driving car rental and where customers are important. Your driver's license gives you the option to drive your own rental car, so you have the option to book as well vehicle. Client selection and approval is really easy and is done for that purpose. Make the structure almost 0% paper profession. Customers have the option to select and enter. Its nuances and movements will allow you to move away from the house and the club will make the choice of choice. Each piece of his information without actually meeting the customer.

3. Problem Statement

A rental car is a car that can be used for a certain period of time for a fee. Lease the back of the vehicle People who are definitely affected, whether or not they have their car key I don't own a car. If you need to rent a car, contact the car rental company first Organization for vehicle decisions. This can be completed online. At this stop, this person I need to pass some data. B. Rental data and vehicle display. This is If the details are resolved, the renter of the vehicle will need to provide a valid ID card. The majority of business organizations have established a vehicle brand advantage. It is leased. Rent-a-cars can be divided into economy, strong, strong premium, and premium. waste. In addition, customers can choose any vehicle they can trust Presentation of wallet and such vehicle at the time of booking. The rental car system is Support for external and nearby customers. This association does a normal job Manage; support your customers with handmade frames. Use management A handmade framework for maintaining report documents for storage, leasing, recording, and all rental work And customer information. The actual frame capacity of each is given as follows: At the time of vehicle reservation, the customer connects by phone and reserves the vehicle Association.

Otherwise, you will need to access and book the club. When leasing a vehicle, the customer's own data, installment status, and rental agreement are filled in Structure of car rental contracts so that a legal agreement is formed between the customer and the association For vehicle leasing. The association's normal working hours are from 1:30 am to 6:00 pm. Thus the association gives Administered daily for 10 and a half hours. Coordinator will produce a general report on leased vehicles once towards the end of the month. Create a report. Details are regulated in the dissertation. Maintenance is a huge theme. Updating and changing nuances can be a daunting task. Achievements are not trained according to requirements. Strategic system exercise To build this framework, we chose the cascading model method. This strategy I I was chosen because it was appropriate to set up this task and there was a stage Including can enhance the height of my progress. Many designers are pushing for a cascade model, Please use it widely as an improvement method.

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4. Overview of Software

The tools you need to develop your system are Adobe Dreamweaver CS5, Sublime Text 3, and MySQL. Xampp, Apache server.

Sublime is an IDE used to extend web applications using PHP. With this tool, you can use keyboard shortcuts to quickly jump to a symbol, word, or line. MySQL is an open source social database that relies on SQL (Organized Inquiry Language) to move information in the database. MySQL provides APIs (Application Program Interfaces) dialects such as C, C ++, Java, PHP, and Python. It is typically used for online and embedded for some applications. This is an incredible program that can handle the vast number of features of a groundbreaking database.

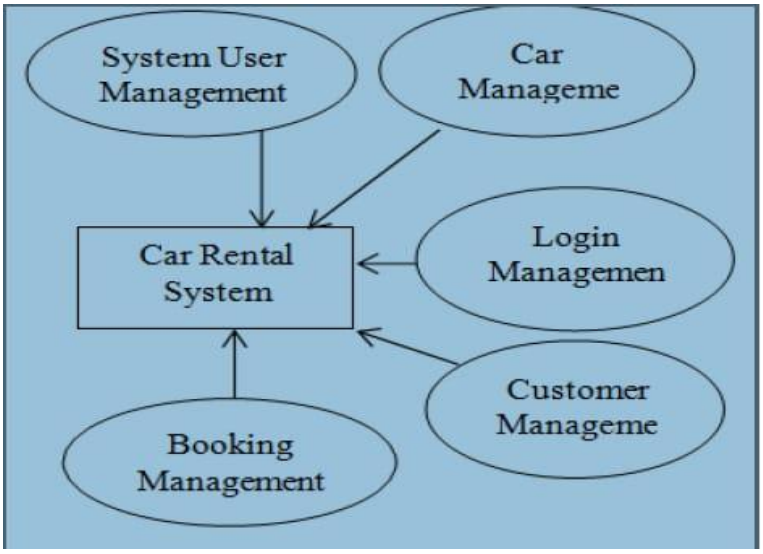

Figure 1: Use Case - Booking Page

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Figure 2: Interface Design

5. Conclusion

This research paper proposes an online self-drive car rental system proposed after to significantly inspect the current structure and understand its shortcomings. The system depicted eliminates all flaws in the current structure, resulting in a vibrant, profitable and adaptable period of dynamic structure. It will prove useful to PC customers. The structure of the makes the user experience smoother and more attractive. We encourage customers to use our system and share important information that can help them improve their structure.

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