Online Vehicle Rental System

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Abstract— Now-a-days net plays a crucial role in our life and brings lots of information & nice things. There are units numerous net applications are developed for creating our life easier. Online vehicle rental reservation system is that the system that has been developed for this project. This can be one in every of the applications which will complement different existing applications in net. The system uses net as its medium to speak with broadened audience. Online vehicle Rental System basically may be a web-based system designed to produce user for simply organizing their vehicle rental reservation. Even supposing, there are a unit numerous similar systems already existed in previous, the system takes its own approach to form it executable.

Key words: OVRS, Online Vehicle Rental System

I. INTRODUCTION

This system has been developed for customer, so that customer can reserve their vehicles from any place of world. This application takes information from customer through filling their details. A customer being registered in application has the facility to reserve a vehicle which user wants. The proposed system is completely integrated online system. This automated system facilitates customer and provide to fill up details according to customers' requirements. It includes type of vehicle, & system is trying to hire the location. Web-based car rental information system increases the customers, and help promotion [1].

In This system provide some features:
- GPS system
- Goods traveling

II. PROPOSED SYSTEM

In previous existing system, the system had provided manually paper work. Previous vehicle rental system has done by way of the customer register by phone or come directly to the office or stand for registering rental process, so it took a lot of time [1]. Application cannot provide feedback of the user to the admin online. The existing systems have a difficult way for reserve the vehicle. For that this system has been developed, which is having easy reservation facility & it is depend on the user's requirement. The online vehicle rental system has also had a facility to add the vehicle to the valid user of the system. Also this system takes feedback from user. The purpose of this application is to get online vehicle on rent & it was designed for reducing users` time as well as manual work.

III. RELATED WORK

A. Customer Opinion Survey:

A survey is a means of gathering data when the amount of responses required is big and the questions to be asked are simple and direct. Since the questionnaire was meant for the public, they were kept short and concise, to facilitate the process.

1) General Information
- Which category do you belong to?
- Do you have a driving license (local/international)?
- Do you/your friends/colleagues/family often rent vehicles? If yes, which way?

2) Security Concern
Do you think that by asking users to provide their license copies during booking reduce the risk of accidents to a great deal? Does it eliminate risk of spams if users are asked to verify their hand phone numbers through SMS? If a secured payment gateway, such as Paypal is provided to you with authentication, would you still hesitate to make transaction for payment online? If you are given a list of advanced technologies that are commonly used nowadays, which ones would you opt for in maximizing both features and security? [2]

3) Service Differentiation
As car clubs expand into new markets they are diversifying the services which they offer. Operators are offering more options, such as a variety of pricing plans and vehicle types – in addition to standard small and medium-sized cars, some offer vans and luxury cars. Issues of service reliability are especially complex – subscription car club services will not be able to, in the foreseeable future, match personal car ownership as a way of reliably accessing a car at short notice[3].

B. Integration with Public Transport Services:

A more pressing issue for the public sector relates to integration of car clubs with public transport systems. Many public sector agencies manage a fleet of cars that staff use for official business, where staff uses their personal car for official business on a reimbursement basis. There is an opportunity here for the public sector to benefit from car clubs' services including new offers .This is a benefit to both staff and others nearby, who may be able to use the same vehicles at other times for personal business on a commercial basis.
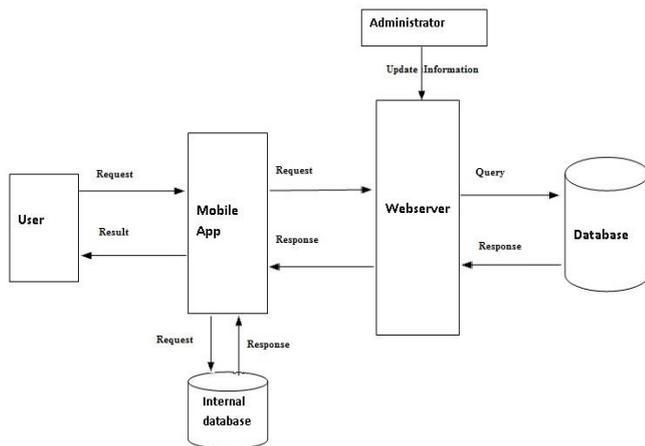
IV. METHODOLOGY

Fig 1: Working methodology of proposed system
Figure 1 shows the detailed working of proposed system.

V. CONCLUSION

Online vehicle rental system is very innovative & user friendly application. This system makes possible for users not to go or not to make an exhausting phone call to the vehicle rental agent in order to get a bunch of information about vehicles, price, reservation restriction, etc. This system also offers a circumstance that more convenience for a certain users because they do not deal with actual people (agent). In this way, users can take their time to go back and forth through every step of the reservation process until they satisfy with their choice.

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