



## **Car Rental Management System**

***Date Prathemesh<sup>\*1</sup>, Pawar Om<sup>\*2</sup>, Thorat Rupesh<sup>\*3</sup>, Pokharkar Sangram<sup>\*4</sup>, Prof. Ms. Karad Vandana<sup>\*5</sup>***

<sup>1234</sup>*Student of Computer Engg. From Samarth Polytechnic, Belhe, Pune 412410, India*

<sup>5</sup>*Prof & Guide of Project, From Samarth Polytechnic, Belhe, Pune 412410, India*

---

### **ABSTRACT**

Online cab booking is widely done nowadays. But there are few online services available to the customer for car rental. Keeping this in mind we have designed this system so that the interaction between the customer and the user will increase and the customer can rent a car at their convenience

**Keywords:** Car Hire, Car Rental, Rent A Car, Hire A Car, Car For Prom

---

### **1. Introduction**

Transportation is an important part of our life. But not all people are in a position to own their own car. Some people rent a car. We are making this system for such customers. This system will work like online banking & shopping. So that the relationship between customer and user increases

#### ***1.1 Needs of car rental system***

A car rental system is essential. Online car rental is now available, which is very beneficial to the users. A rental service is such that the customer does not have to pay any tax. Customer can rent a car as per their convenience. This provides a lot of convenience to the customer. Please do not alter the formatting and style layouts which have been set up in this template document. As indicated in the template, papers should be prepared in double column format suitable for direct printing onto paper with trim size 210 x 280 mm. Do not number pages on the front, as page numbers will be added separately for the preprints and the Proceedings. Leave a line clear between paragraphs. All the required style templates are provided in the file "MS Word Template" with the appropriate name supplied, e.g. choose 1. Els1st-order-head for your first order heading text, els-abstract-text for the abstract text etc.

#### ***1.2 Objective of car rental system***

The aim of the project is to provide car rental. So that customers don't have to waste time in calling and waiting. The system is designed to convert the manual car rental process into a digital car rental system *Construction of references*

#### ***1.3 Procedure***

The database was design on PHPMYADMIN backend was developed in simple PHP. Software techniques are concerned with the process of developing software, not important with the specialized component as with the organizational anyone. Since the dawn of information technology, a variety of software development methodologies have been employed.

#### ***1.4 Tools use***

- i. XAMPP
- ii. Apache Server
- iii. MySQL Server
- iv. VS Code
- v. Web Browser

## 2. LITERATURE SURVEY

A literature survey in a project report is that chapter which appear the various synthesise and research made in the field of your interest and the results already published, taking into account the various parameters of the project and the limit of the project. Literature survey helps to decide our direction for research. Literature survey helps to set a goal for your analysis – hence it giving you your problem statement.

When you write a literature survey in respect of your project, you have to write the researches made by various analysts those are already published - & their methodology (which is basically their abstract) and the conclusions they have arrived at.

SR.NO	Title	Year	Publisher	Description
01	Design of Car Rental Management System for Organization, Customers and Car Owners Article in International Journal of Engineering Trends and Technology · April 2016 DOI: 10.14445/22315381/IJETT-V34P263	April 2016	Jenifer Mahilraj (Kebridehar Univeristy)	Transportation is necessary thing in our life. Everyone is not in the position to use the own car. Even though the person having own car, they are. using rental car for long drive so that the rental carsystem is unavoidable. Some kind of people not interested to maintain the own car because of maintenance problem, road tax, vehicle insurance etc. for this type people also preferring rental car. So in the human life rental car service is unavoidable.
02	© August 2021  IJIRT   Volume 8 Issue 3   ISSN: 2349-6002 IJIRT 152529 INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY 658 Online Car Rental System	2021	Rahul Kulkarni1 Chaitanya2 Pratibha3 , Pooja APatil4 , Nikeeta Biradar5 1Assistant Professor, Guru Nanak Dev Engineering College Bidar 2,3,4,5Student, Guru Nanak Dev Engineering College Bidar	The main aim of this publication is to present the growing demand for online cab service bookings through a web based application and develop an information management system for car rental industries. The procedure of booking a vehicle for the rental reason is manual. It requires physical undertakings in booking a vehicle and is monotonous and over the top. Likewise, as far as the benefit is concerned, it has fewer recipients and in the long run, decreases the normal results.
03	ONLINE CAR RENTAL MANAGEMENT SYSTEM	November- 2022	Date Prathmesh*1,Pawar OM*2, Pokharkar Sangram*3, Thorat Rupesh*4, Prof. Nawale S.K.*5	Online cab booking is widely done nowadays. But there are few online services available to the customer for car rental. Keeping this in mind we have designed this system so that the interaction between the customer and the user will increase and the customer can rent a car at their convenience.

## 3. Problem Statement

The manual car rental system was limited. But since car rental is done online nowadays, there is no time limit. The customer who wants to rent a car has to do his registration first. Only then can he rent as he pleases.

## 4. Existing System

Until now, in the online car rental system, the customer and admin had login at the same place, and if the customer wants to cancel the booking, they had to send a message in the existing system, but in this system we have put a separate query form so that the customer can cancel the booking. Admin to do Supports and separate login for customer and admin.

---

## 5. Proposed System

### Customer:-

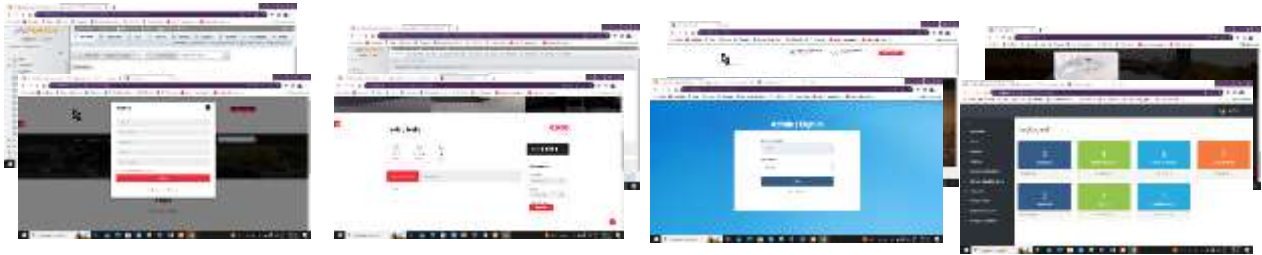
In online car rental system customer can book the car rental they need. And for that he has to make a profile of himself. If the customer wants to cancel the booking, he can inform the admin by sending a query.

### Admin:-

In this system admin can manage all system. Approve booking otherwise can cancel. Admin performs its operation according to customer's query

---

## 6. Experimental Result



---

## 7. Conclusion

When every exertion related to the vehicle reimbursement business was confined to a physical place alone, the auto reimbursement assiduity has surfaced with new delicacy. Indeed if the physical position has not been fully excluded, the internet's power has altered the nature of functions and how these tasks are fulfilled. Clients may now bespeak vehicles online, rent cars online, and have the car delivered to their home if they're a registered member, or they can tour to the office to pick up the car

## References

- i. [www.ijrpr.com](http://www.ijrpr.com)
- ii. <https://www.researchgate.net/publication/304492254/>
- iii. <https://www.irjet.net/>
- iv. <https://www.irjmets.com/>
- v. <https://www.ijrpr.com>
- vi. <https://www.iresearchnet.com>