



e-ISSN: 2319-8753 | p-ISSN: 2320-6710

IJIRSET

International Journal of Innovative Research in
SCIENCE | ENGINEERING | TECHNOLOGY



INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN SCIENCE | ENGINEERING | TECHNOLOGY

Volume 10, Issue 6, June 2021

ISSN INTERNATIONAL
STANDARD
SERIAL
NUMBER
INDIA

Impact Factor: 7.512



9940 572 462



6381 907 438



ijirset@gmail.com



www.ijirset.com

An Online Car Rental Management System

Vaishnavi Ganeshkar¹, Ankita Moze², Sneha Surwade², Sanket Sonawane²

Diploma Student, Department of Computer Engineering, Ajennkya D Y Patil School of Engineering, Lohegaon,
Maharashtra, India¹

Associate Professor, Department of Computer Engineering, Ajennkya D Y Patil School of Engineering, Lohegaon,
Maharashtra, India²

ABSTRACT: This is an online car renting store that has listings of various car along with their features. The system allows user to rent a car online through credit card payment. This system also consists of feature where user can ask admin for car on rent.

The visitor who visits the system must register himself by filling up personal details. After registration user can login to the system with his username and password in order to access the system. User can check various car listing and can view each car feature. User can also check features of the car. User may select the product and can add the product to shopping cart. User can make payment through credit cards by clicking on credit card payment option. User can also access blog section by registration. User can post their and blogs and see other blogs too.

I. INTRODUCTION

This is an online car renting store that has listings of various car along with their features.

The system allows user to rent a car online through credit card payment. This system also consists of feature where user can ask admin for car on rent.

The visitor who visits the system must register himself/herself by filling up personal details. After registration user can login to the system with his username and password in order to access the system. User can check various car listing and can view each car feature. User can also check features of the car. User may select the product and can add the product to shopping cart. User can make payment through credit cards by clicking on credit card payment option. User can also access blog section by registration.

II. RELATED WORK

· Based on observations, some small companies already have a car rental system which is not a web-based application. This is a limitation that gives them capability to store customer's details, but at the same time they cannot make their services more available to the public through the internet, they rather make use of posters to advertise their services to the public. These types of companies can overcome these problems by switching to the web base application of their type of system

They also make use of phone call reservations which is also limited to many features as compare to a web base system. For example, a customer may make a phone call reservation for a particular car, but when he/she comes to pick the car, he/she might turn not to like the car; this could be because the customer could not see a sample picture of the car he/she wants to rent.

So, we designed this portal for small companies for their convenient use.

III. METHODOLOGY

In this project we are intended to make the user: User must be able to:

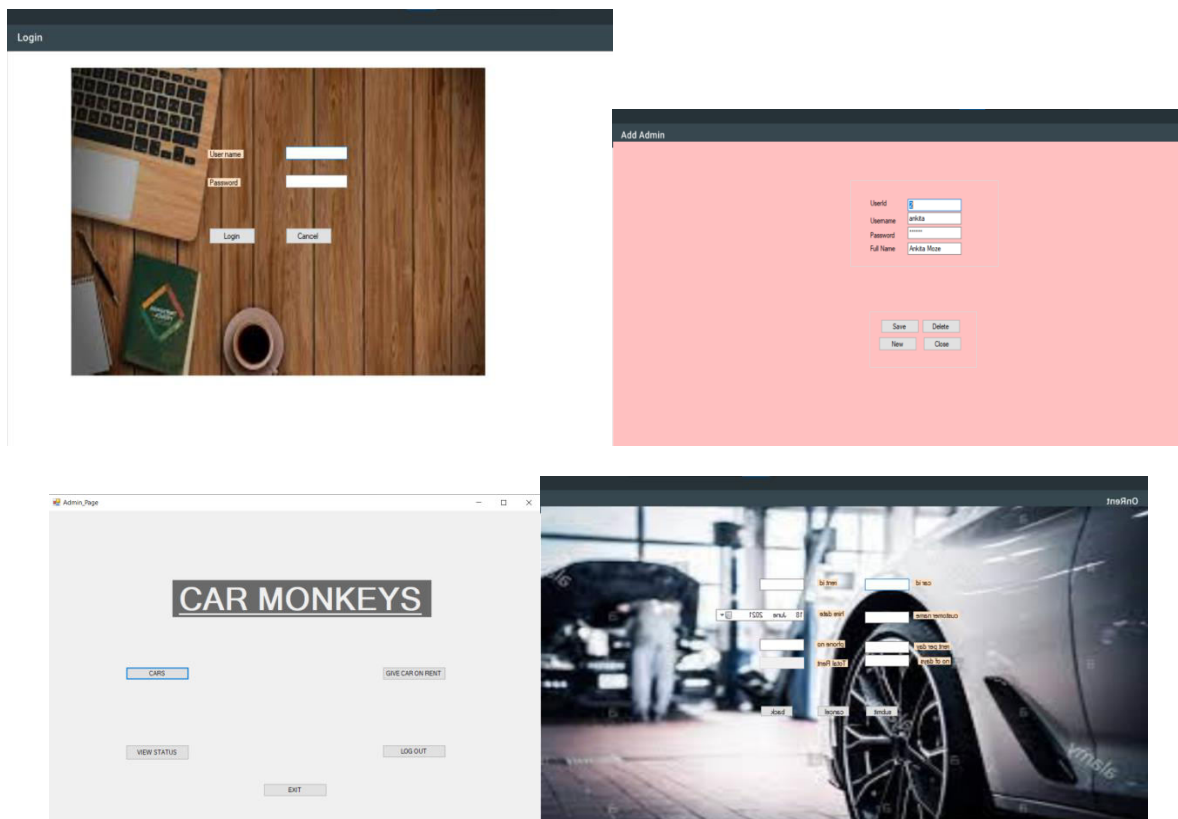
- Should be able to Register.
- Should be able to Login.
- Should be able to logout when needed.
- Should be able to rent a car if he/she wanted.
- Should be able to see the status if car is on rent or not.
- Should be able see the list of cars available for rent.
- Should get notification of wrong username or password if entered.
 - User should be able to give his/her car on rent too.
 - Should be able to rent car.

Features:

- All authorized users can access the system.
- Allow the user to view information of available car.
 - Allow the user to enquire about the car.
 - Allow the user to book a car.
- Allow the user to easily get the car on rent. Also allow the user to give the feedback

IV. EXPERIMENTAL RESULTS

I. FIGURES SHOWS THE RESULTS OF CAR RENTAL PORTAL. IMAGES BELOW SHOWS OUR PROJECT. THE SCREENSHOTS ARE ADDED BOLOW FOR REFERENCE.





V. CONCLUSION

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 we get to know that how reliable this system is for database because it provides centralized database structure which make database system efficient.

REFERENCES

- [1] www.tripadvisor.com
- [2] www.expedia.com
- [3] www.kayak.com/Rental_Car
- [4] www.hotwire.com/Travel-Car-Rentals
- [5] www.priceline.com
- [6] JAmbite, J.L., and Knoblock, C.A. Planning by Rewriting: Efficiently Generating High-Quality Plans. In Proceedings of the Fourteenth National Conference on Artificial Intelligence, Providence, RI, 1997.
- [7] Decker, K., Sycara, K., and Williamson, M. Middle-Agents for the Internet. In Proceedings of 15th IJCAI Conference, pp. 578-583, Nagoya, Japan, 1997.
- [8] Fankhauser, P., and Neuhold, E.J. 1992. Knowledge based integration of heterogeneous databases. In Proceedings of IFIP Conference DS-5 Semantics of Interoperable Database Systems, Lorne, Victoria, Australia, 1992.
- [9] Finin, T., Fritzson, R., McKay, D., and McEntire, R. 1994. KQML as an Agent Communication Language. In Proceedings 3rd International Conference on Information and Knowledge Management CIKM-94, ACM Press.
- [10] Goguen, J., Nguyen, D., Meseguer, J., Luqi, Zhang, D., and Berzins, V. 1996. Software component search. Journal of Systems Integration, 6:93-134.
- [11] Jacobs, N., and Shea, R. 1996. The role of Java in InfoSleuth: Agent-based exploitation of heterogeneous information resources. In Proceedings of Intranet-96 Java Developers Conference.
- [12] Jha, S., Chalasani, P., Shehory, O., and Sycara, K. 1998. A Formal Treatment of Distributed Matchmaking. In Proceedings of the Second International conference on Autonomous Agents (Agents 98), Minneapolis, MN.
- [13] Jeng, J.-J., and Cheng, B.H.C 1995. Specification matching for software reuse: a foundation. In Proceedings of the ACM SIGSOFT Symposium on Software Reusability, ACM Software Engineering Note.
- [14] Kracker, M. 1992. A fuzzy concept network. In Proceedings of IEEE International Conference on Fuzzy Systems, IEEE Computer Society Press.
- [15] Kuokka, D., and Harrada, L., 1995. On using KQML for Matchmaking. In Proceedings of 3rd Intl. Conf. on Information and Knowledge Management Cih'M 95, 239-45, AAAI/MIT Press.
- [16] Li, S.H., and Danzig, P.B. 1997. Boolean Similarity Measures for Resource Discovery. IEEE Transactions on Knowledge and Data Engineering, 9(6).
- [17] Muggleton, S., and De Raedt, L. 1994. Inductive logic programming: theory and methods. Journal of Logic Programming, 19(20):629-679.
- [18] Nodine, M. 1998. The InfoSleuth Agent System. In M. Klusch and G. Weiss. eds. Proceedings of Second International Workshop on Cooperative Informaiton Agents CIA-98, Paris, France, Springer,



**Impact Factor:
7.512**



INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN SCIENCE | ENGINEERING | TECHNOLOGY

9940 572 462 6381 907 438 ijirset@gmail.com



www.ijirset.com

Scan to save the contact details