Car Rental Management System

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Final Approval

This is to certify that we have read this report submitted by **Burhan Riaz** & **Abdul Quddus** and it our judgment that this report of is sufficient standard to warrant its acceptance by COMSATS University Islamabad, Vehari Campus for the degree of MCS.

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Dedication

To Our Loving Parents and Teacher who always encouraged us to be the soul of periphery? Our family member and sincere friends.

Acknowledgment

All praise to Almighty ALLAH Alone, the omnipotent, the compassionate. His prophet "HAZRAT MUHAMMADS" (Pease be upon him), the most perfect and exalted among and of ever born on the surface of the earth, who is forever torch of guideless and knowledge for humanity as a whole.

We feel great pleasure in expressing our heartiest gratitude to our honorable HOD Dr. Malik Muhammad Ali Shahid and Supervisor Mr. Kalim Sattar (Lecturer of Computer Science Department) COMSATS University Islamabad, Vehari Campus for kind behavior, valuable suggestion, worth and keen supervision, scholarly criticism, sympathetic attitude during period of project work is unforgettable. We express our sincere thanks to all respectable teachers and faculty members of computer science department of COMSATS University Islamabad, Vehari Campus.

We feel great happiness in expressing our thanks to our family for their love and support. Prayers of our family are treasure for our life.

This dissertation report is a proof of sincerity of those who helped us during this project work. So we submit our earnest thanks again to all of them for their encouragement and moral support. Last but not least we pray for health happiness and prosperity of all the participants.

Project Team Members

Burhan Riaz

Abdul Quddus

Originality Statement

I hereby announce that this submission is my own work and to the best of my information it contains no materials recently distributed or composed by another individual, or significant extents of material which have been acknowledged for the grant of some other degree at MCS or some other instructive organization, aside from where due acknowledgement is made in the postulation. Any commitment made to the examination by others, with whom I have worked at MCS somewhere else, is unequivocally recognized in the theory. I additionally proclaim that the scholarly substance of this proposal is the result of my own work.

Abstract

Car rental management system is an autonomous system which will preserve the records of the all the cars available, cars rented etc. The user can rent a car based on its efficiency, performance, effort or cost. The dealer can make a lot of use of this system by providing the cars. This application helps to add cars, customers, users. To delete and edit them. It offers to functionality of renting cars by setting the returning date. The can return cars and calculate fine in case the car is returned late.

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Introduction

2 Introduction

It's system design specially for small car rental business. The car rental system provides complete functionality of listing and booking car. Objectives to transform the manual process of hiring car to a computerize system. To validate the Rental Car system using user satisfaction test. This application helps to add cars, customers, users. To delete and edit them. It offers to functionality of renting cars by setting the returning date. The can return cars and calculate fine in case the car is returned late.

Admin Can Perform:

➢ Allow Admin to search user information from the database based on the user's ID card number or their name.

➢ Allow admin to add a new car.

➢ Allow admin to manage booking of cars.

➢ Allow admin to given car on rent to the proper and legal customers.

3 Main Form Function

❖ Record about cars

❖ Record about customer

❖ Record about user

❖ Record about which Cars on rental

❖ Record about return cars

❖ Dashboard

3.1 Record about cars

❖ Add new cars

❖ View added cars

❖ Edit exiting cars

❖ Delete cars

3.2 Record about customer

❖ Add new customer

❖ View added customer

❖ Edit exiting customer

❖ Delete customer

3.3 Record about user

❖ Add new user

❖ View added user

❖ Edit exiting user

❖ Delete user

3.4 Record about which Cars on rental

❖ Add cars which is on rent

❖ View added rent cars

❖ Edit exiting rent cars

❖ Delete rent car

3.5 Record about return cars

❖ Add cars return

❖ View added return cars

❖ Delete return cars

3.6 Dashboard

❖ View total number of cars

❖ View total number of customer

❖ View total number of user

Loading Form:

Figure 1-Loading form

How Form Load?

Figure 2-How Loading form Load

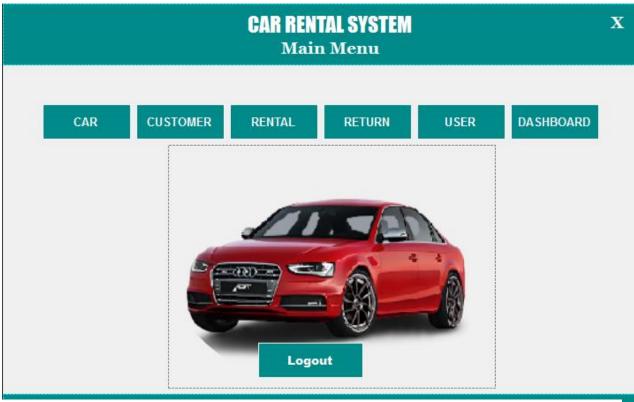**Login Form:**

Figure 3-Login Form

Main Menu Form:

Figure 4-Main Menu Form

Manage Cars Form:
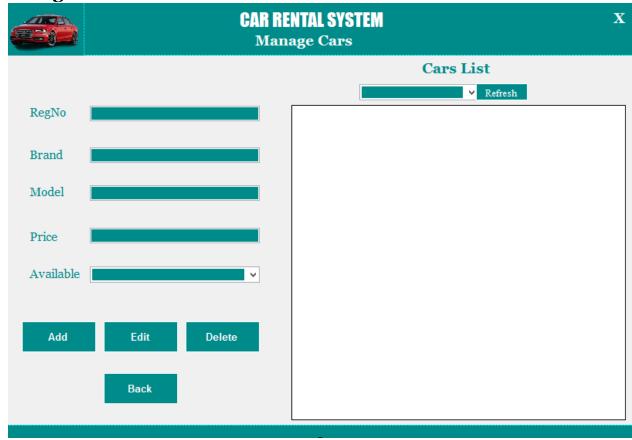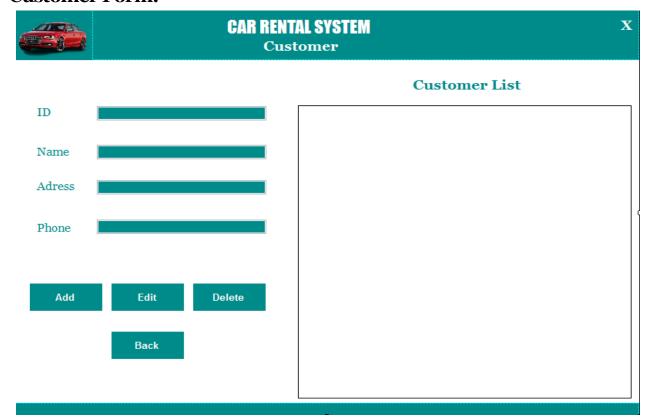

Figure 5-Manage Cars

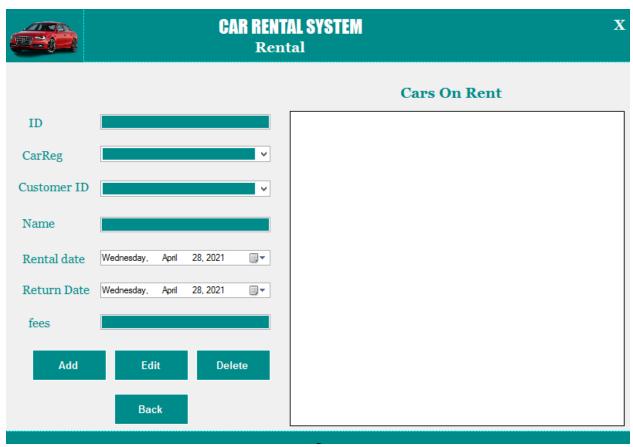## Customer Form:

Figure 6-Customer Form

Rental Form:

Figure 7-Rental Form

Return Form:

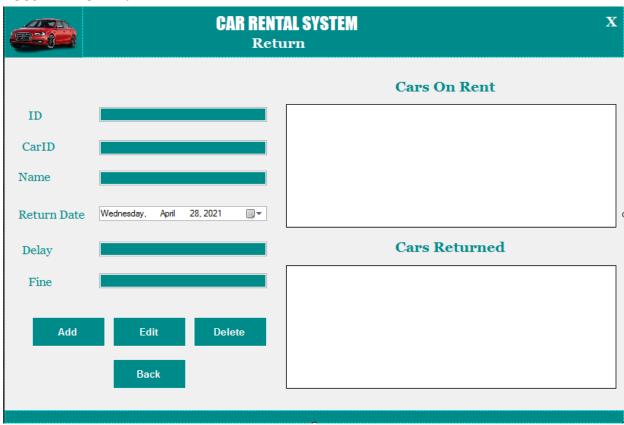*Figure 8-Return Form*

Manage User Form:

Figure 9-Manage User from

Dashboard form:

Figure 10-Dashboard form