**Car Rental Management System**

*Project Synopsis Submitted*

*to*

**MANIPAL ACADEMY OF HIGHER EDUCATION**

*For Partial Fulfillment of the Requirement for the*

*Award of the Degree*

*Of*

**Bachelor of Technology**

*in*

**Computer and Communication Engineering**

*by*

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**Objective:**

The "**Car Rental Management Software**" aims to offer a quick and easy platform for clients to rent automobiles and for the car rental company to successfully manage their fleets. The program keeps track of all the pertinent data on clients, staff members, vehicles, drivers, and several other entities. Using this automatic system will be easier for the user than the manual writing system. All of the data will be securely kept in the system's database. The program will be easy to use and error-free.

**Scope:**

The Car Rental Management System streamlines the car rental process for both customers and the rental agency. It simplifies booking, rental, and payment procedures, enhances customer experience, and provides the agency with efficient fleet management and reporting tools. All the required information will be handled by the software.

**Project Description:**

The software to be produced is on Car Rental Management System. There are 3 users. They are the administrator, the customer, and the employees. The first procedure is the booking of a car by the customer. The customers have the authority to enter the necessary personal details (like name, contact number, and other details) and booking details (like car type, date, and other details), along with the advance deposit required by the company. A unique customer id will also be provided to the customers. All the information will be entered into the system. A customer will have the option to cancel the booking. The customers will also have the option to choose whether they want a driver or not, an option to select their own vehicles, or just the type of vehicle, depending on which charges will be applied. The administrator has the authority to add, delete or modify the details of the customer, employee, car, drivers, booking, and some other entities to/from the system. He also has the authority to provide usernames and passwords for the employees. Employees will be able to view and confirm bookings. Employees will be able to assign drivers to the bookings where customers have opted for a driver. Employees will also be able to assign cars to those users who have not selected any particular car and just selected the car type.

**Hardware Requirements:**

Processor:  Intel dual core or above

Processor Speed: 1.0GHZ or above

RAM:  1 GB RAM or above

Hard Disk:  20 GB hard disk or above

**Software Requirements:**

Language:

Database:

**Submitted by**

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