



PROJECT ON CAR RENTAL SYSTEM IN C++



ON WHAT CONCEPT IS THIS PROJECT BASED UPON ?

- ❖ It is an online system through which customers can view available cars, register, view profile and book a car.
- ❖ Nowadays, most of the people prefer car for their trip.
- ❖ Because car journey to any trip with our family or friends gives happiness and makes us to feel comfortable.
- ❖ Many advantages are involved in car rental system rather than using own cars for their journey.
- ❖ The concept of Car Rental System is also much Cost-effective than buying a new car.



ABOUT PROJECT:-

- Admin can create vehicle brands
- Manage vehicle brands (Edit , Delete)
- Post vehicle
- Manage vehicle (Edit , Delete)
- Manage Booking (Admin can confirm and cancel booking)
- Manage Testimonials (Active and Inactive)
- Manage to contact us any query
- Admin can have the details of registered users
- Change Password (Admin can change own password)
- Logout .

MORE ABOUT OUR PROJECT:-

Car Rental System is based on a concept to rent cars and generate rental invoice of a rental company. Before stepping into the main system a user has to pass through a login system to get access, then only the user can select cars with a different model and rent for certain days. This project contains limited features, but the essential one.

Talking about the features of the Car Rental System, after logging in as a user he/she has to provide a name then the user can select available cars. After selecting a car, the system displays selected car details which contain maximum power, mileage and many more. Then the user has to provide the information such as Car number and number of days to rent the car. After all these procedures, the system calculates rent and displays Customer Invoice presenting invoice number, customer's name, car model, number, number of days and total rental amount.

This project provides the simplest system for car rentals of a rental company.



LIBRARIES USED:-

- ❖ Iostream:- It provides basic input and output services for C++ programs.
- ❖ Fstream:- This data type represents the file stream generally, and has the capabilities of both ofstream and ifstream which means it can create files, write information to files, and read information from files.
- ❖ Conio:- This file contains console input-output functions which are mostly used by MS-DOS compilers.
- ❖ Stdlib:- It helps us in manipulating the output of any C++ program.
- ❖ Unistd:- The **<unistd.h>** header defines miscellaneous symbolic constants and types, and declares miscellaneous functions.
- ❖ Dos:- The **<dos.h>** is a header file used to handle DOS commands (DISK Operating system) in C/C++ programming environment.
- ❖ Iomanip:- It helps us in manipulating the output of any C++ program.

OUTPUT SCREEN-

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL



Code



Car Rental - Customer Invoice

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Invoice No. :-----	#Cnb81353
Customer Name:-----	Gurmehar
Car Model :-----	A
Car No. :-----	1212
Number of days :-----	50
Your Rental Amount is :-----	2800
Caution Money :-----	0
Advanced :-----	0

Total Rental Amount is :-----	Rs. 2800
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This is a computer generated invoice and it does not
require an authorised signature #

////////////////////////////////////

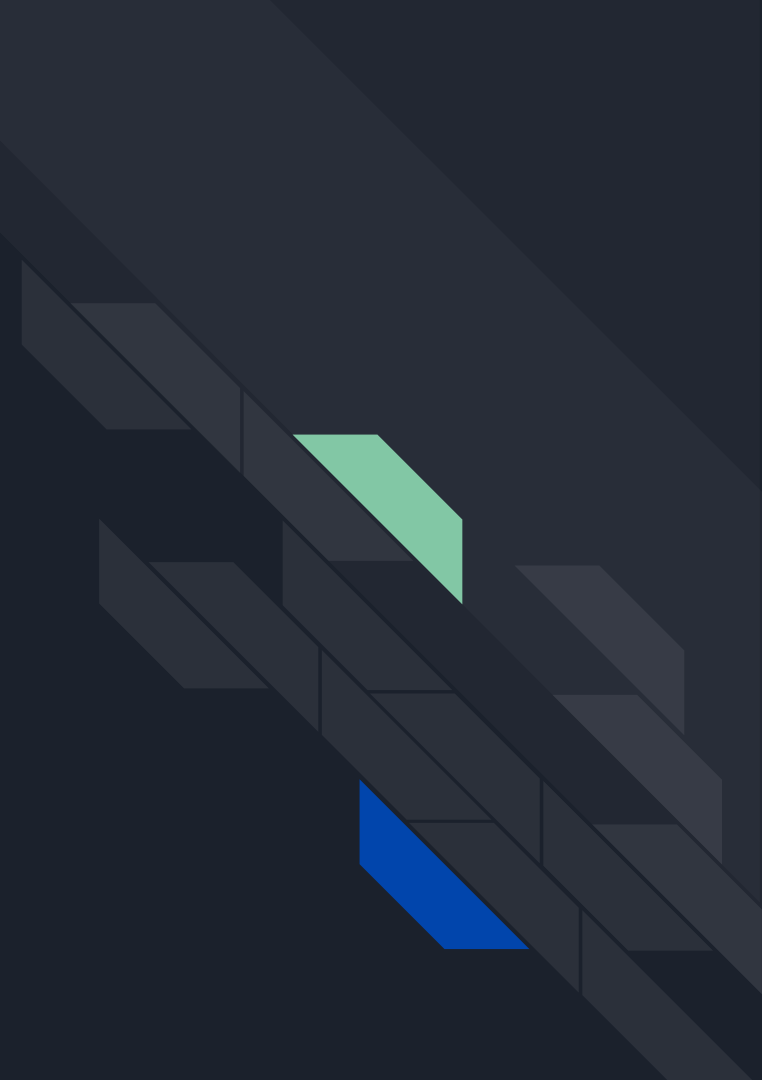
You are advised to pay up the amount before due date.
Otherwise penelty fee will be applied.

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Press any key to continue . . .

PROJECT CONTRIBUTORS-

- Gurmehar Singh Virdi
(CO21318)
- Ujjwal Chopra (CO21363)





Thank
You