

Car Rental System

Object Oriented Programming Project

Programming Language: C++

Group;

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Introduction

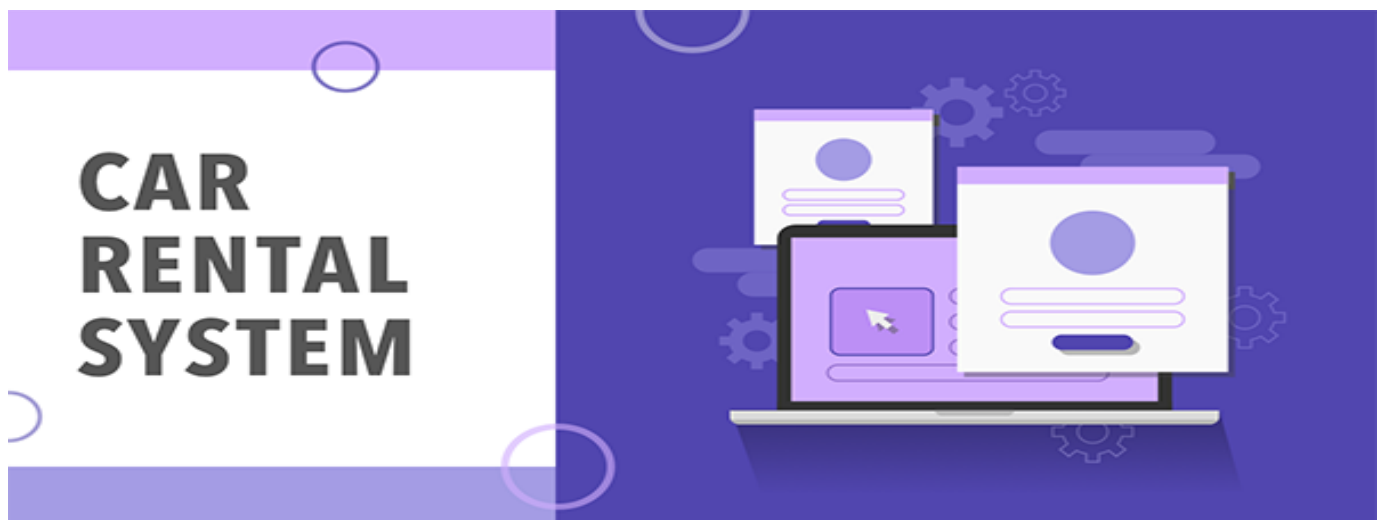
The car rental system is a prototype of creating a fundamental car rental program based on the concepts of Object Oriented Programming and common rentals system in general idea. The Rental System contains a login system for the user to access the main program, the menu showcases different car models as the choices available for the user to select and proceed and rental order is processed accordingly.

Cause of Project

The Project focuses on the implementation of basic level car rental system to keep the processes smooth and easy for the end-user and the administration too. The car rental system provides the basic functions for a management system to carry-out the rentals easily.

Project Description

Talking about the features of this Mini Project Car Rental System, before hiring a car the user has to choose the car, each of the cars has its own rate, maximum speed, color, and model. After selecting a car, the system wants a confirmation before proceeding. Afterward, the user has to provide his/her personal details such as Name (first name without spaces), Citizen-ship Number, and provide Payment Amount. If the amount provided by the user is less than the car's rate then the payment won't proceed for the car rental. After all these procedures, the user can continue hiring more cars or either exit the system.



Main Features of Project

1. Login system for the user
2. User driven menu for the working
3. Utilization of different concepts of Object Oriented programming (OOP)
4. Use of classes and functions
5. Handy Management system and order system.

Final Results

Eventually the Car Rental System will be able to;

1. Verify access to the users with a login system.
2. Manage Vehicles in the System.
3. Provide easy Order and Transaction system for the user.