**Car Rental System Doc**

A car rental system is an application that allows users to rent vehicles from a car rental company. The system can be implemented using an object-oriented programming language such as Java. The system will typically have classes for representing the different types of vehicles, classes for representing customers and rental transactions, and classes for performing various tasks

**Modules**

**Customer**

A customer will be required to enter a name and can rent a car

**Vehicle management**

This module will allow the system to keep track of the different types of vehicles available for rent, as well as their current status

**Rental and Billing**

This module will handle the rental transactions, including calculating rental fees, processing payments.

**OOP Approach:**

It is necessary to understand some of the concepts used

extensively in object-oriented programming. These include:

• Objects

• Classes

• Data abstraction and encapsulation

• Polymorphism

• Inheritance