Use case diagram explanation:

The flow diagram represents the functional requirements for a car rental service. This information model shows the high-level components that are necessary for the functioning of a car rental service. The user is given two main options to book a car and view their bookings. This is taken care of by the booking class that has two methods, which help in booking and viewing all the bookings. The booking class interacts with the Payment class which has three methods for three different kinds of payments. The three most important classes required for the operation to succeed are the rental agency, the Car class and the Customer class. The rental agency has attributes such as startDate, endDate, price, car and the customer user name. The rental agency keeps track of the cars that are available, that are out on rent, that are due to be returned etc. The Car class has all the information about the cars that are available, it's model number, it's registration number. The Customer class has all the details about each customer. Each object of the class represents a customer who can be a new customer or a returning customer. And each object has attributes related to the user. The other classes are supporting classes which help in the interaction of the components.