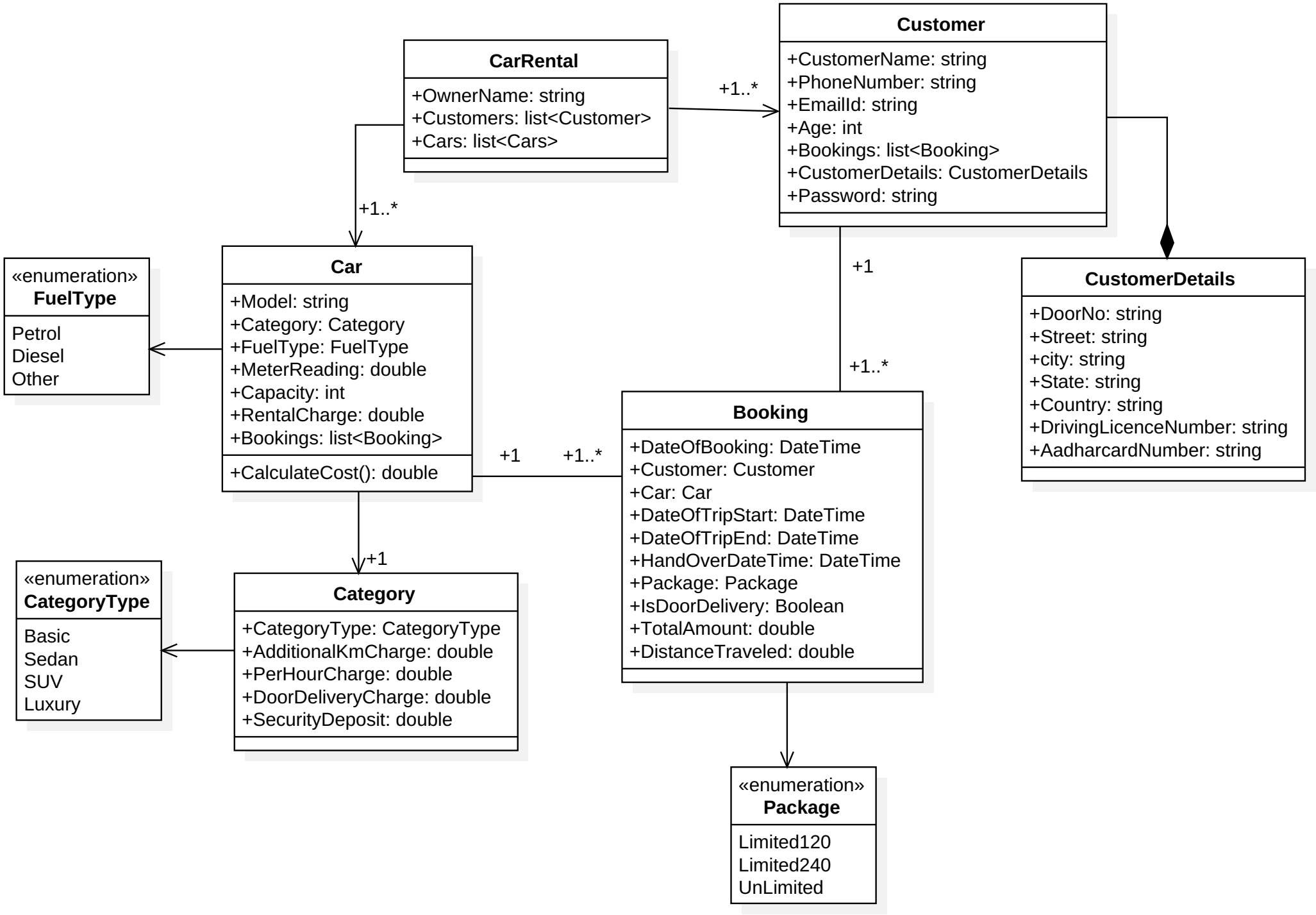
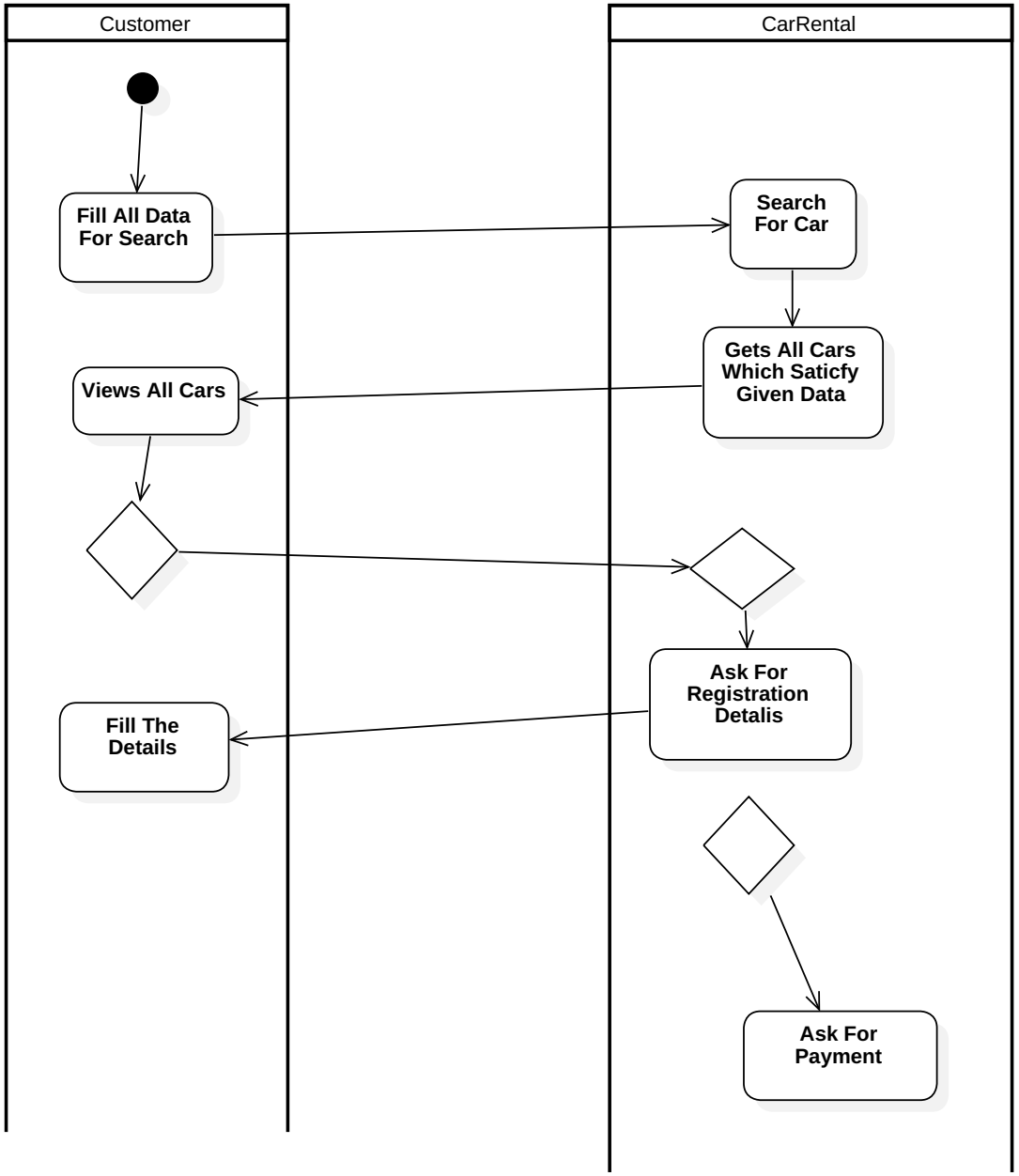
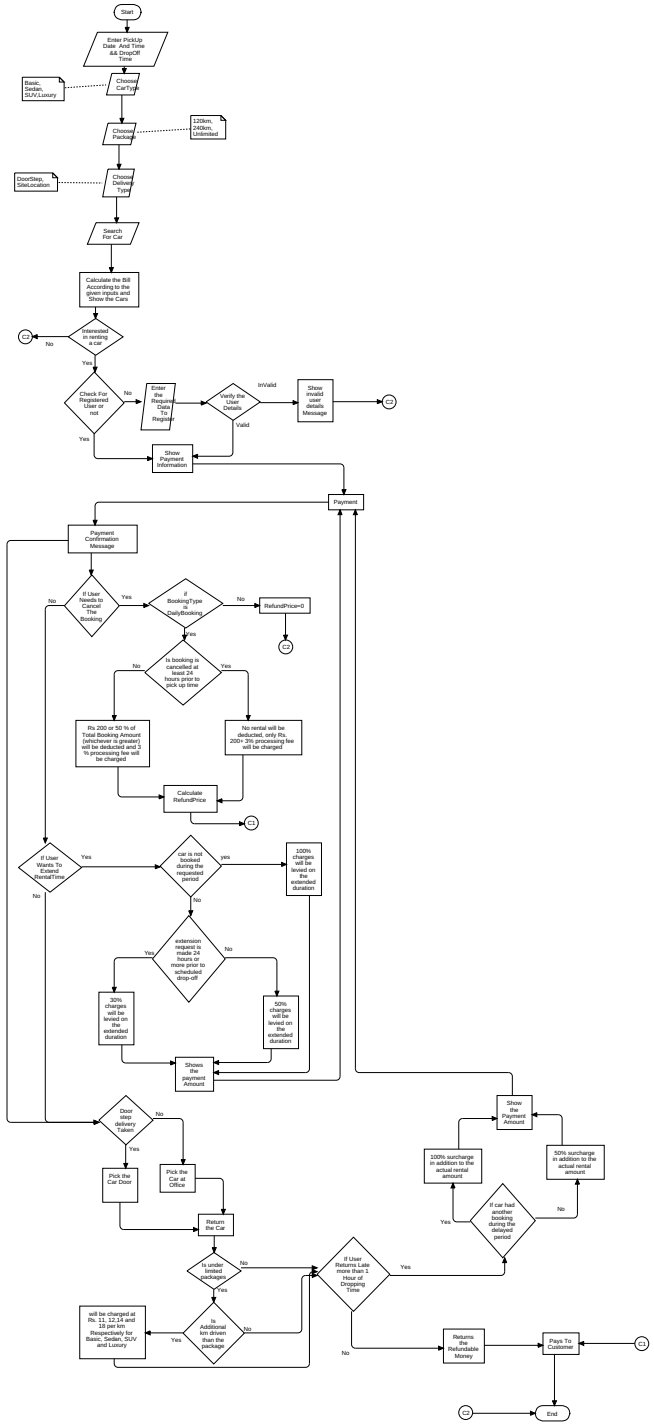

CarRental
+OwnerName: string
+Customers: list<Customer>
+Cars: list<Cars>
+1..*
Customer
+CustomerName: string
+PhoneNumber: string
+EmailId: string
+Age: int
+Bookings: list<Booking>
+CustomerDetails: CustomerDetails
+Password: string
+1..*
«enumeration»
FuelType
Petrol
Diesel
Other
Car
+Model: string
+Category: Category
+FuelType: FuelType
+MeterReading: double
+Capacity: int
+RentalCharge: double
+Bookings: list<Booking>
+CalculateCost(): double
+1
+1..*
CustomerDetails
+DoorNo: string
+Street: string
+city: string
+State: string
+Country: string
+DrivingLicenceNumber: string
+AadharcardNumber: string
+1
+1..*
Booking
+DateOfBooking: DateTime
+Customer: Customer
+Car: Car
+DateOfTripStart: DateTime
+DateOfTripEnd: DateTime
+HandOverDateTime: DateTime
+Package: Package
+IsDoorDelivery: Boolean
+TotalAmount: double
+DistanceTraveled: double
+1
«enumeration»
CategoryType
Basic
Sedan
SUV
Luxury
Category
+CategoryType: CategoryType
+AdditionalKmCharge: double
+PerHourCharge: double
+DoorDeliveryCharge: double
+SecurityDeposit: double
«enumeration»
Package
Limited120
Limited240
UnLimited


Customer
CarRental
Fill All Data For Search
Search For Car
Gets All Cars Which Saticfy Given Data
Views All Cars
Ask For Registration Detalis
Fill The Details
Ask For Payment


Start
Enter PickUp Date And Time && DropOff Time
Basic, Sedan, SUV,Luxury
Choose CarType
Choose Package
120km, 240km, Unlimited
DoorStep, SiteLocation
Choose Delivery Type
Search For Car
Calculate the Bill According to the given inputs and Show the Cars
Interested in renting a car
No
C2
Yes
Check For Registered User or not
No
Enter the Required Data To Register
Verify the User Details
InValid
Show invalid user details Message
C2
Valid
Yes
Show Payment Information
Payment
Payment Confirmation Message
If User Needs to Cancel the Booking
No
Yes
if BookingType is DailyBooking
No
RefundPrice=0
C2
Yes
Is booking is cancelled at least 24 hours prior to pick up time
No
Yes
Rs 200 or 50 % of Total Booking Amount (whichever is greater) will be deducted and 3 % processing fee will be charged
No rental will be deducted, only Rs. 200+ 3% processing fee will be charged
Calculate RefundPrice
C1
If User Wants To Extend RentalTime
Yes
No
car is not booked during the requested period
yes
100% charges will be levied on the extended duration
No
extension request is made 24 hours or more prior to scheduled drop-off
Yes
No
30% charges will be levied on the extended duration
50% charges will be levied on the extended duration
Shows the payment Amount
Door step delivery Taken
No
Yes
Pick the Car Door
Pick the Car at Office
Return the Car
Is under limited package
No
Yes
Is Additional km driven than the package
No
Yes
will be charged at Rs. 8 per km and 15 per km Respectively for Basic, Sedan, SUV and Luxury
If User Returns Late more than 1 Hour of Dropping Time
Yes
No
Show the Payment Amount
100% surcharge in addition to the actual rental amount
50% surcharge in addition to the actual rental amount
If car had another booking during the delayed period
Yes
No
Returns the Refundable Money
Pays To Customer
C1
C2
End