

Date : .....

## Vehicle

```

int id;
int vehicleNo;
VehicleType vehicleType;
int kmDriven;
status status;
dailyCost dailyCost;
hourlyCost hourlyCost;

```

## Enum VehicleType

```

{
    car
    Bike
}

```

CAR

Bike

## Enum Status

```

{
    ACTIVE,
    INACTIVE
}

```

## Location

```

String address;
String city;
String state;
int pincode;

```

## Store

```

int storeid;
VehicleInventoryMgmt vehicleInventoryMgmt;
location location;
List<Reservation> reservations;

```

## VehicleInventoryMgmt

```

List<Vehicle> vehicles;
// CRUD

```

CAR

InvMgmt

Bike

InvMgmt

## Reservation

```

int reservationid;
User user;
Vehicle vehicle;
Date bookingDate;
Date bookedFromDate;
Date bookedToDate;
long timeFrom;
long timeTo;
location pickupLoc;
location dropLocation;
ReservationStatus rstatus;
location location;
ReservationType rType;

```

## enum ReservationStatus

```

{
    Scheduled;
    In Progress;
    Completed;
    Cancelled;
}

```

## User

```

int id;
String address;
String name;

```

Location dropLocation  
ReservationStatus rstatus.

Location location;

// where will I use this vehicle cappr.

Reservation Type, rType  
(daily/hourly)

## Vehicle Rental System

```

List<User> users;
List<Store> stores;
// CRUD operations

```

