



```
# create Table Vehicle(  
  Car_No : Int(12) Primary Key  
  Model : Varchar(30) NOT NULL  
  Car_Type : Varchar(10)  
  check Car_Type in {'Sedan', 'Mini',  
    'SUV'}  
)
```

```
# create Table Location(  
  Address : Varchar(30) NOT NULL  
  Pincode : Int(6) NOT NULL  
  Primary Key(Address, Pincode)  
)
```

```
# create Table Passenger(  
  Passenger_ID : Int(10) Primary Key  
  Name : Varchar(30)  
  Date_of_Birth : Date()  
  Contact_No : Int(10)  
  Pickup_Location : Location NOT NULL  
  Status : Varchar(10)  
)
```

```
# create Table User(  
  Username : Varchar(10)  
  Pwd : Varchar(10)  
  category : Int(1)  
)
```

```
# create Table Driver(  
  Driver_ID : Int(10) Primary Key  
  Driver_Name : VarChar(30)  
  Driver_License_Number : Int(12) UNIQUE  
  Date_of_Birth : Date()  
  Contact_No : Int(10) NOT NULL  
  Rating : Int(1)  
  Cab_Location : Location NOT NULL  
  Current_Status : VarChar(10)  
  Driver_Car_No : Int(12) Foreign Key References Vehicle(Car_No)  
  check Current_Status in {'Off Duty', 'Available', 'In Ride'}  
)
```

```
create Table Trip(  
  Trip_ID : Int(10) Primary Key  
  Trip_Status : Varchar(30) NOT NULL  
  Trip_Date_Day : Date() NOT NULL  
  Trip_Passenger_ID : Int(10) NOT NULL  
  Trip_Driver_ID : Int(10) NOT NULL  
  Drop_Location : Location NOT NULL  
  Pickup_Location : Location NOT NULL  
  Foreign Key(Trip_Passenger_ID, Trip_Driver_ID, Drop_Location, Pickup_Location)  
  References Booking(Booking_Passenger_ID, Booking_Driver_ID, Drop_Location,  
    Pickup_Location)  
)
```

```
# create Table Booking(  
  Booking_Passenger_ID : Int(10) Foreign Key References  
    Passenger(Passenger_ID)  
  Booking_Driver_ID : Int(10) Foreign Key References Driver(Driver_ID)  
  Drop_Location : Location NOT NULL  
  Pickup_Location : Location NOT NULL  
  Primary Key(Booking_Passenger_ID, Booking_Driver_ID)  
  check(Drop_Location != Pickup_Location)  
)
```

```
# create Table Payment(  
  Trip_ID : Int(10) Primary Key references Trip(Trip_ID) ON DELETE CASCADE  
  Payment_ID : bigint(10) NOT NULL UNIQUE  
  Payment_Type : Varchar(30)  
  Payment_Amount : Int(5) NOT NULL  
  Payment_Status : bool  
  check Payment_Type in {'CASH', 'CARD', 'UPI', }  
)
```