



```
# 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(
nt(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', }
)
```