

Relational Model for Vehicle Rental

Vehicle (id,owned,status,rate,class,brand,model,current_milage,gps_loc,location)

Vehicle.location references Location

Motorcycle (id,motor)

Motorcycle.id references Vehicle

Scooter (id,battery)

Scooter.id references Vehicle

Location(pin_number, gps_loc)

Customer(ssn,email,name,address,password)

CustomerPhone(ssn,phone)

CustomerPhone.ssn references Customer

VehicleRating(vehicle,customer, rating)

VehicleRating.vehicle references Vehicle

VehicleRating.customer references Customer

Payment_type(customer,number)

Payment_type.customer references Customer

Credit(customer,number, cvv,expire)

Credit.customer references Credit.customer

Credit.number references Credit.number

Payment_info(p_id,value,exp_date,customer)

Payment_info.customer references Customer

Insurance(number,rate)

Basic(number)

Basic.number references Insurance

Advanced(number,liability_amount)

Advanced.number references Insurance

Premium(number)

Premium.number references Insurance

Employee(ssn,address,hours_per_week,email,name, password)

Accident(id,description)

Extra(id,type,rate,rented_by)

Extra.rented_by references Customer

Rents_for_time(vehicle,insurance,customer,time,destination)

Rents_for_time.vehicle references Vehicle

Rents_for_time.insurance references Insurance

Rents_for_time.customer references Customer

Accident_Info(accident_id,customer,vehicle)

Accident_Info.accident_id references Accident

Accident_Info.customer references Customer

Accident_Info.vehicle references Vehicle

Responsible_Insurance(insurance,accident,bill,number_of_installments)

Responsible_Insurance.insurance references Insurance

Responsible_Insurance.accident references Accident

Gift_Card(customer,employee,amount)

Gift_Card.customer references Customer

Gift_Card.employee references Employee