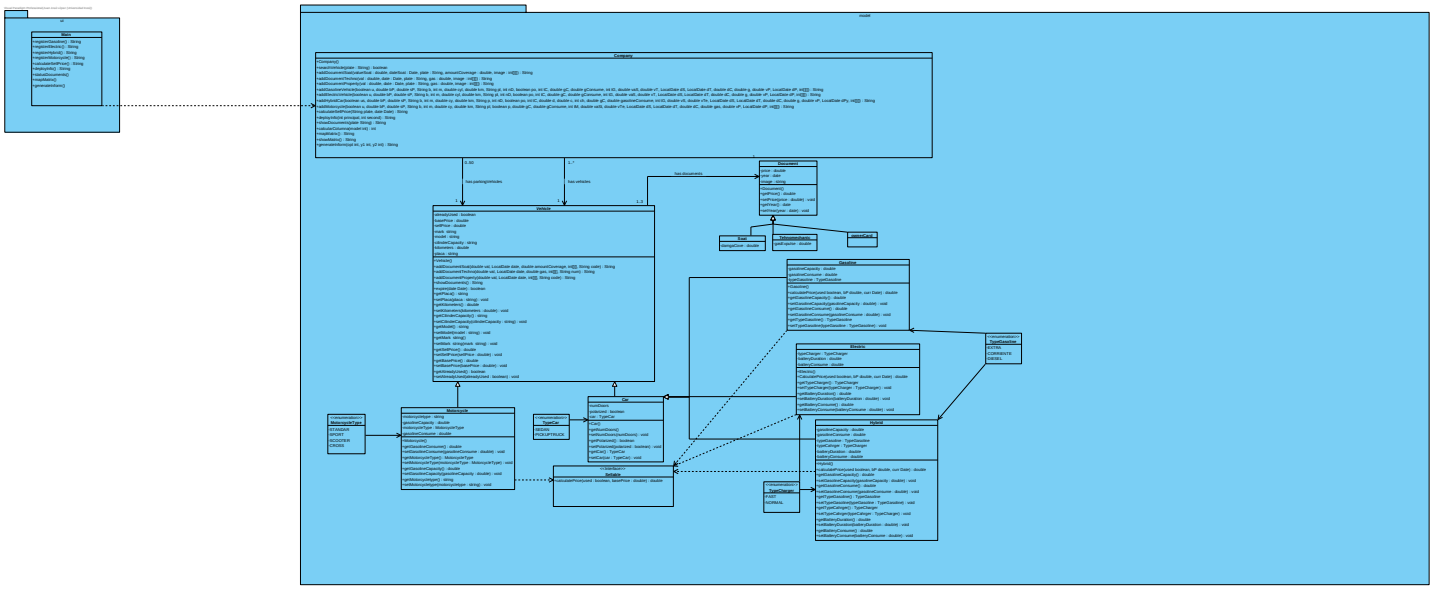
ui
Main
+registerVehicle() : String
+registerMotorcycle() : String
+registerSpecial() : String
+registerCompany() : String
+validateBeltPhone() : String
+displayInfo() : String
+listAllDocuments()
+listAllVehicles()
+generateInstance()
model
Company
+Company()
+searchVehicleByColor : String) : boolean
+addDocumentCarInsurance(double, double, double, date0Start : Date, plate : String, amountCoverage : double, image : int[][]) : String
+addDocumentTechnical(double, double, date : Date, plate : String, gas : double, image : int[][]) : String
+addDocumentProperty(cost : double, date : Date, plate : String, gas : double, image : int[][]) : String
+addDocumentVehicle(boolean p, double bP : double, d7 : String, b, int m, double cy, double km, String pl, int d3, boolean ps, int IC, double gC, double gConsume, int ID, double vol5, double r7 : LocalDate d9, LocalDate d7 : LocalDate d7, double dC, double g, double vP : LocalDate dP, int[][] : String
+addElectricVehicle(boolean p, double bP : double d7 : String, b, int m, double cy, double km, String pl, int d3, boolean ps, int IC, double gC, double gConsume, int ID, double vol5, double r7 : LocalDate d9, LocalDate d7 : LocalDate d7, double dC, double g, double vP : LocalDate dP, int[][] : String
+addMotorcycle(boolean p, double bP : double d7 : String, b, int m, double cy, double km, String pl, int d3, boolean ps, int IC, double gC, double gConsume, int ID, double vol5, double r7 : LocalDate d9, LocalDate d7 : LocalDate d7, double g, double vP : LocalDate dP, int[][] : String
+calculateBeltPhone(String plate, date Date) : String
+displayVehicle(int principal, int second) : String
+showDocumentsUpdate() String) : String
+listAllDocuments(int principal int) : int
+displayInfo() : String
+showMaintenance() : String
+generateMenu(int m, int x1 int, y2 int) : String
1..60
has parkingVehicles
1..*
has vehicles
1..*
has documents
1..n
Document
color : double
year : date
image : string
+Document()
+getPrice() : double
+setPrice(price : double) : void
+getImage() : int
+setImage(image : date) : void
Exam
+energyCost : double
TelecommCharge
+setExpense : double
InsuranceCard
Vehicle
alreadyUsed : boolean
basePrice : double
gas : double
mark : string
model : string
vehicleCapacity : string
kilometers : double
plate : String
+Vehicle()
+addDocumentSoat(double val, LocalDate date, double amountCoverage, int[][], String code) : String
+addDocumentTechnical(double val, LocalDate date, double gas, int[][], String num) : String
+addDocumentProperty(double val, LocalDate date, int[][], String code) : String
+getPlate() : String
+searchDate Date() : boolean
+getPlate() : string
+setPlate(plate : string) : void
+getKilometers() : double
+setKilometers(kilometers : double) : void
+getOrderCapacity() : string
+setOrderCapacity(orderCapacity : string) : void
+getMode() : String
+setMode(mode : string) : void
+getMark() : string
+setMark : string(mark : string) : void
+getBrand() : double
+setBrandPrice(brandPrice : double) : void
+getBasePrice() : double
+setBasePrice(basePrice : double) : void
+getMotorcycle() : boolean
+setAlreadyUsed(alreadyUsed : boolean) : void
Gasoline
+gasolinePrice() : double
+gasolinePrice(price : double)
+getGasoline : TypeGasoline
+setGasoline : TypeGasoline
+Gasoline()
+calculatePrice(used boolean, bP double, curr Date) : double
+getGasolineCapacity() : double
+setGasolineCapacity(gasolineCapacity : double) : void
+getGasolineConsume() : double
+setGasolineConsume(gasolineConsume : double) : void
+getTypeGasoline() : TypeGasoline
+setTypeGasoline(typeGasoline : TypeGasoline) : void
«enumeration»
TypeGasoline
EXTRA
CORRIENTE
DIESEL
Electric
typeCharger : TypeCharger
batteryCapacity : double
batteryConsume : double
+Electric()
+CalculatePrice(used boolean, bP double, curr Date) : double
+getTypeCharger() : TypeCharger
+setTypeCharger(typeCharger : TypeCharger) : void
+getBatteryCapacity() : double
+setBatteryCapacity(batteryCapacity : double) : void
+getBatteryConsume() : double
+setBatteryConsume(batteryConsume : double) : void
Car
hasDoors
passenger : boolean
type : TypeCar
+Car()
+getNumDoors()
+setNumDoors(numDoors) : void
+getPassenger() : boolean
+setPassenger(passenger : boolean) : void
+getCar() : TypeCar
+setCar(car : TypeCar) : void
«enumeration»
TypeCar
PICKUP
PICK-UP TRUCK
MotorCycle
motorcycleType : string
motorcycleTypeCharge : double
motorcycleType : MotorcycleType
gasolineConsume : double
+MotorcycleQ()
+getGasolineConsume() : double
+setGasolineConsume(gasolineConsume : double) : void
+getMotorcycleTypeC : MotorcycleTypeC
+setMotorcycleTypeC(motorcycleTypeC : MotorcycleTypeC) : void
+getGasolineCapacity() : double
+setGasolineCapacity(gasolineCapacity : double) : void
+getMotorcycleType() : string
+setMotorcycleType(motorcycleType : string) : void
«enumeration»
MotorcycleTypeC
STANDARD
SPORT
SCOOTER
CROSS
Hybrid
typeBattery : double
typeGasoline : double
+Hybrid()
+getGasoline : TypeGasoline
+setGasoline : TypeGasoline
typeCharger : TypeCharger
+getCharger() : TypeCharger
batteryDuration : double
+setCharger(charger : double)
+getBattery()
+calculatePrice(used boolean, bP double, curr Date) : double
+getGasolineCapacity() : double
+setGasolineCapacity(gasolineCapacity : double) : void
+getGasolineConsume() : double
+setGasolineConsume(gasolineConsume : double) : void
+getTypeGasoline() : TypeGasoline
+setTypeGasoline(typeGasoline : TypeGasoline) : void
+getTypeCharger() : TypeCharger
+setTypeCharger(typeCharger : TypeCharger) : void
+getBatteryDuration() : double
+setBatteryDuration(batteryDuration : double) : void
+getBatteryConsume() : double
+setBatteryConsume(batteryConsume : double) : void
«enumeration»
TypeCharger
FAST
NORMAL
Vehicle
+calculatePrice(used boolean, basePrice : double) : double