

Customer

-ID:string
-firstName:string
-lastName:string
-phoneNumber:string
-gender:enum
-dateOfBirth:string
-Vehicle: Vehicle

+setID(ID:string)
+getID():string
+setFirstName(firstName:string)
+getFirstName():string
+setLastname(lastName:string)
+getLastName():string
+setPhoneNumber(phoneNumber:string)
+getPhoneNumber():string
+setGender(gender:Gender)
+getGender():Gender
+setDateOfBirth:(dateOfBirth:string)
+getDateOfBirth():string
+displayDetails():string
+ setSalesperson(salesperson: Salesperson):
+ getSalesperson(): Salesperson

VehicleSale

-saleperson:Salesperson
-vehicle:Vehicle
-customer:Customer
-salePrice:float

+calculatePrice():

Salesperson(Employee)

-manager: Manager
-sales: List [VehicleSale]
- customers: List[Customer]

+addSales(vehicleSale: VehicleSale)
+calculateCommission():float
+calculateSalary():float
+ addCustomer(customer: Customer): None
+ removeCustomer(ID: int): None

Employee

-ID: int
-firstName:string
-lastName:string
-phoneNumber:string
-gender:enum
-dateOfBirth:string
-department: string
-jobTitle: string
-basicSalary: float

+setID(ID:string)
+getID():string
+setFirstName(firstName:string)
+getFirstName():string
+setLastname(lastName:string)
+getLastName():string
+setPhoneNumber(phoneNumber:string)
+getPhoneNumber():string
+setGender(gender:Gender)
+getGender():Gender
+setDateOfBirth:(dateOfBirth:string)
+getDateOfBirth():string
+setDepartment(department: string)
+getDepartment():string
+setJobTitle(jobTitle: string)
+getJobTitle():string
+getBasicSalary():float
+displayDetails():string
+displaySalesDetails():
+displayfullName():

Vehicle

-VIN: string
-name: string
-price: float
-type:string
-maxSpeed:float
-numOfDoors:int
-numOfWheels:int
-color:enum
-model:string

+setVIN(VIN:string)
+getVIN():string
+setName(name:string)
+getName():string
+setPrice(price:string)
+getPrice():float
+setType(type:string)
+getType():string
+setMaxSpeed(maxSpeed:float)
+getMaxSpeed():float
+setNumOfDoors(numOfDoors:int)
+getNumOfDoors():int
+setNumOfWheels(numOfWheels:int)
+getNumOfWheels():int
+setColor(color:Color)
+getColor():Color
+setModel(model:string)
+getModel():string

ElectronicCar(Vehicle)

-batteryCapacity:float
-MaxDistanceSingleCharge:float
-chargingTime:float

FuelCar(Vehicle)

-fuelType:string
-fuelCapacity:float

Manager(Employee):

- salespersons: List[Salesperson]

+ addSalesperson(salesperson:
Salesperson): None
+ removeSalesperson(salesperson:
Salesperson): None
+addVehicle(vehicle:Vehicle):
+removeVehicle(VIN:string):

