Person

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

+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

Employee

-department: string
-jobTitle: string
-basicSalary: float

+setDepartment(department: string)
+getDepartment():string
+setJobTitle(jobTitle: string)
+getJobTitle():string
+getBasicSalary():float
+displayDetails():string
+displaySalesDetails():
+displayfullName():

Manager(Employee):

- salespersons: List[Salesperson]

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

Salesperson(Employee)

-manager: Manager
-sales: sales
- customers: customers

+SalesPerson_information
+calculate_salesperson_commission
...

Customer(Person)

-Vehicle:Vehicle

+Customer_information

CarCompany

-name:string
-telNumber:string
-address:string
-employee:{}
-sales:{}
-vehicle:{}

+setName(name:string)
+getName():string
+setTelNumber(telNumber:string)
+getTelNumber():string
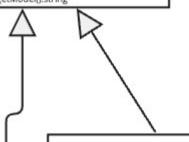+display_employee_details
+display_car_details
+display_sales_details

Vehicle

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

+setID(ID:string)
+getID():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

VehicleSale

-saleperson:Saleperson
-vechicle:Vehicle
-customer:Customer
-salePrice:float

...

ElectronicCar(Vehicle)

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

FuelCar(Vehicle)

-fuelType:string
-fuelCapacity:float