Pharmacy System

User
+Id:int
+name:string
+gender:string
+age:int
+registerDate:date

+setName()
+getName()
+setSex()
+getSex()

Patient
-patient_id:int
-phone:int
-payment_method:enumeration

-requstPrescription()
-ChoosePayment()
-ask_OTC_help()
-payOrder()

Pharmacist
-phar_id:int
-contact_add:string
-phar_email:string
-phar_pass:string

-openPharmaStore()
-closePharmaStore()
-makeOrder()
-payOrder()
-getMoney()

<<enumeration>> CompanyPayment
- daily
-per month

PharmaStore

-addMedicine()
-modifyMedicine()
-removeMedicine()
-addCompany()
-editCompany()
-removeCmpany()
-searchCompany()
-updateStock()

<<enumeration>> PatientPayment
- cash
- debit card
- credit card

ManufactureCompany
-id:int
-name:string
-paymentMethod:enumeration
-description:string

-setName()
-getName()
-setPayment()
-getPayment()
-getDescription()
-setDescription()

Receipt
-receiptId:int
-patientName:string
-patientId:int
-createdDate:date
-shippedData:date

-medicineList()
-totalPrice()

Order
-order_id:int
-manufactureCompany:string
-registerDate:date
-medicineName:string
-medicineQuantity:float
-medicinePrice:float
-discountPercentage:float
-totalPrice:float

-setOrderDetails()
-getOrderDetails()
-medicineList()
-totalPrice()

Medicine
-id:int
-name:string
-Type:string
-expireDate;date
-Price:float
-quantity:float
-manufactureCompany:string

-setMedicineDescription()
-getMedicineDescription()

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