DRUG DISPENSING TOOL

<<USER>>

-Name:String
-Addresss:int
-phoneNo:int
-Email:String
ID:int

+logIn()

Supplier

-Name:String
-Address:int
-Email:String
-MedCode:int
SupplierID:int

supplyMedicine()

Customer

+signUp()
+makePayment()
+placeOrder()

Admin

+addNewStock()
+updateRecords()
+purchaseNewStock()
+sellMedicine()

<<Medicine>>

-medicineName:String
-Type:String
-Quantity:int
-Medcode:int
-Price:double
-ExpiryDate:Date
-supplierID:int
-DatePurchased:Date

+getmedicineName()
+getType()
+getQuantity()
+getMedCode()
+getPrice()
+addNewMedicine()
+searchMedicine()

<<Payment>>

-amount:float

Visa

-bankID: int
-bankName:int

M-Pesa

-phoneNumber:int

Stock

+getExpiryDate()
+setType()
+setPrice()
+setExpiryDate()
+setMedicineName()
+setQuantity()
+getDatePurchased()
+removeFromStock()