Class Patient

-SSN
-Name
-Address
-DateofBirth
--PhoneNumber
-Gender
-EmailAddress
-Password
-Doctor

+addPatient(): Void
+getPatient():String

Class Pharmacy

-Name
-Address
-PhoneNumber
-EmailAddress

+addPharmt(): Void
+getPharmt():String

Class Contract

-StartDate
-EndDate
-PharmaceuticalCompany
-Pharmacy
-Supervisor

+addContract(): Void
+getContractByPharmaceuticalCompany():String
+getContractByPharmacy():String

Class Drug

-TradeName
-DrugName
-Formula
-ExpiryDate
-DateofManufacture
-Price

+addDrug(): Void
+getDrug():String
+drugExpiry():Date
+getPrice():Int

Class Pharmaceutical Company

-Name
-Location
-PhoneNumber
-EmailAddress

+addPharmCo(): Void
+getPharmCo():String

Class Doctor

-SSN
-Name
-Address
-DateofBirth
-Speciality
-StartYear
-PhoneNumber
-Gender
-EmailAddress
-Password

+addDoctor(): Void
+getDoctor():String
+getDoctorExperience():int

Class Prescription

-DrugName
-Doctor
-Patient
-Quantity
-Date

+addPrescription(): Void
+getPrescriptionByPatient():String
+getPrescriptionByDoctor():String