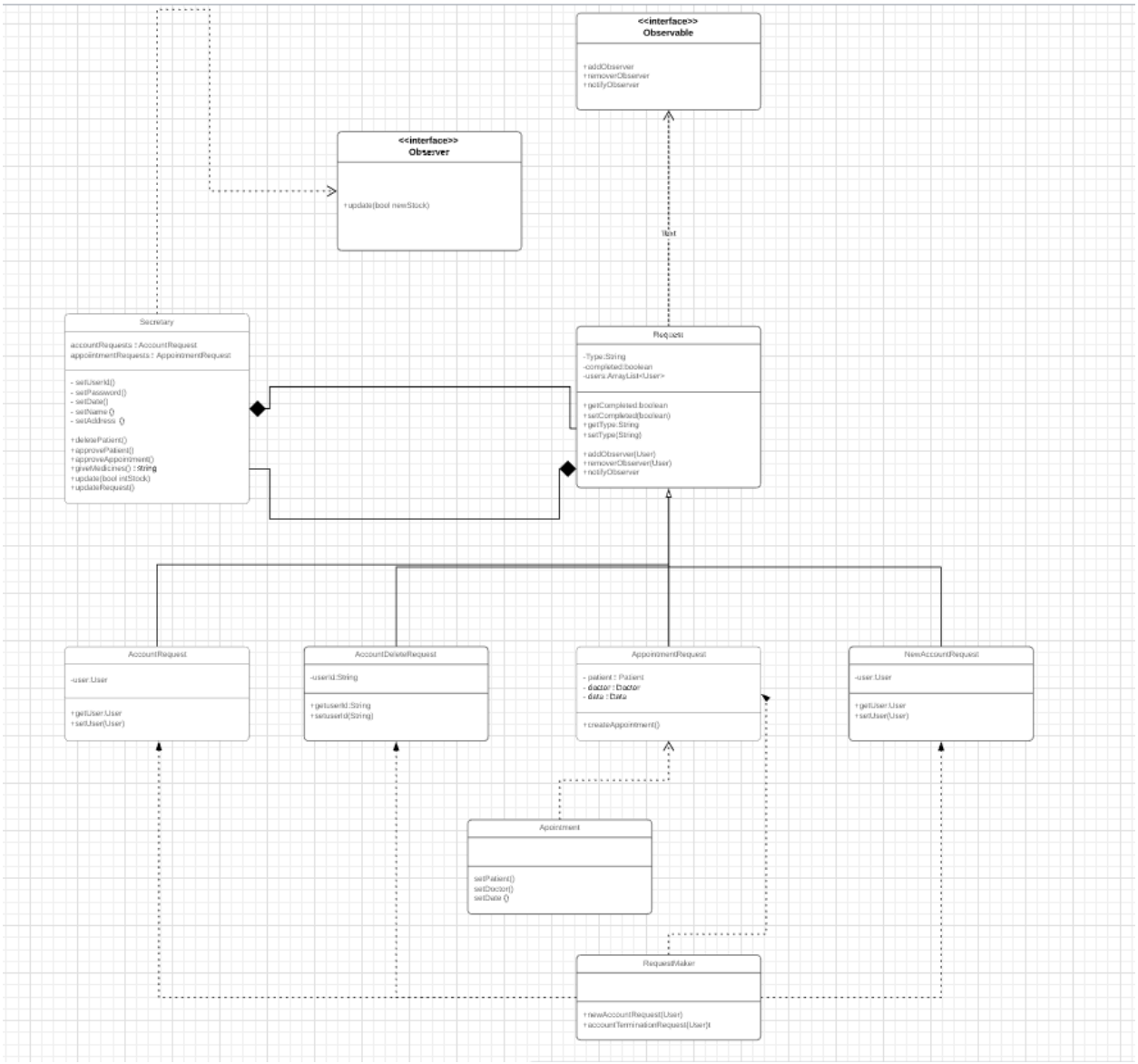
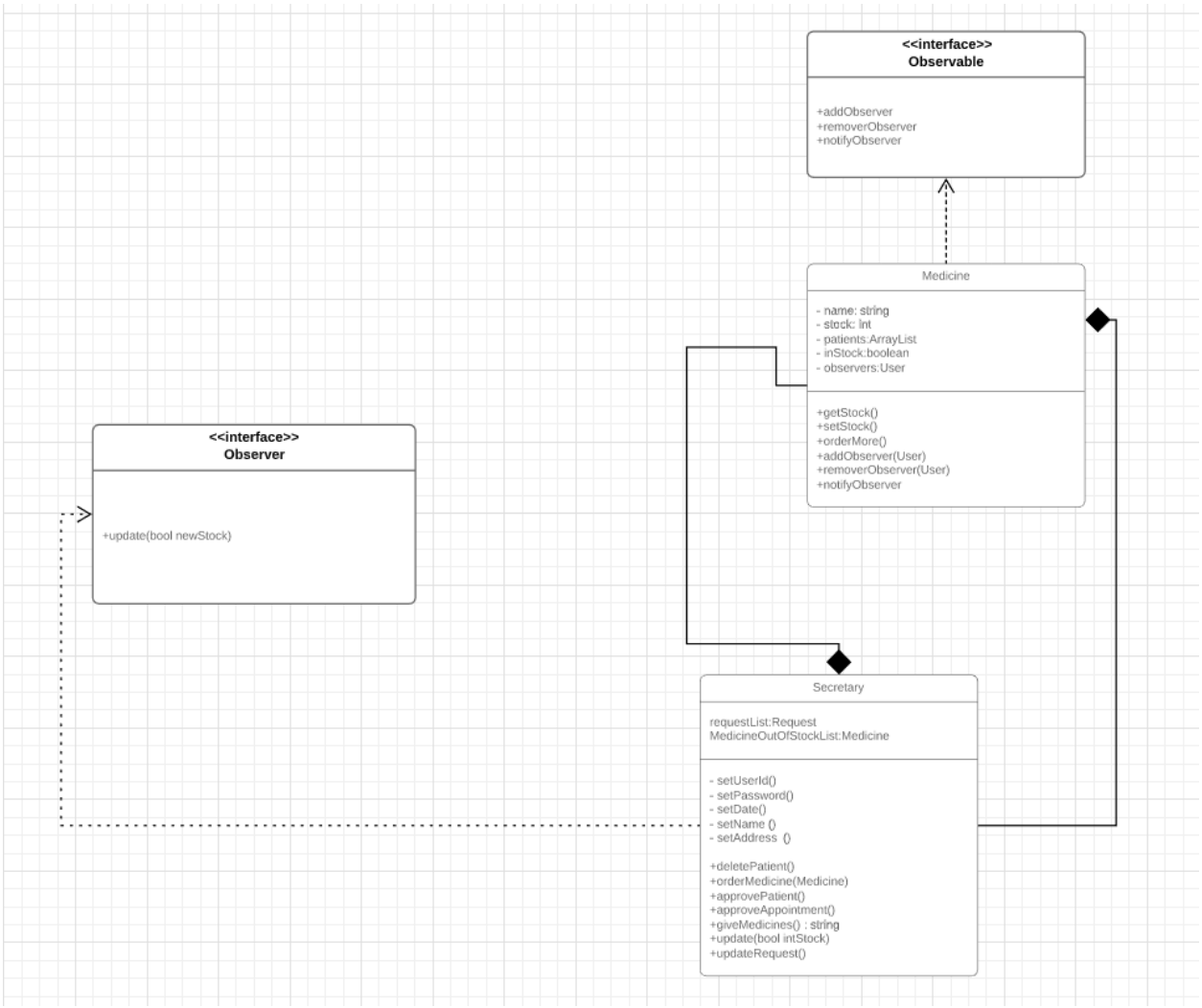
UML Diagrams

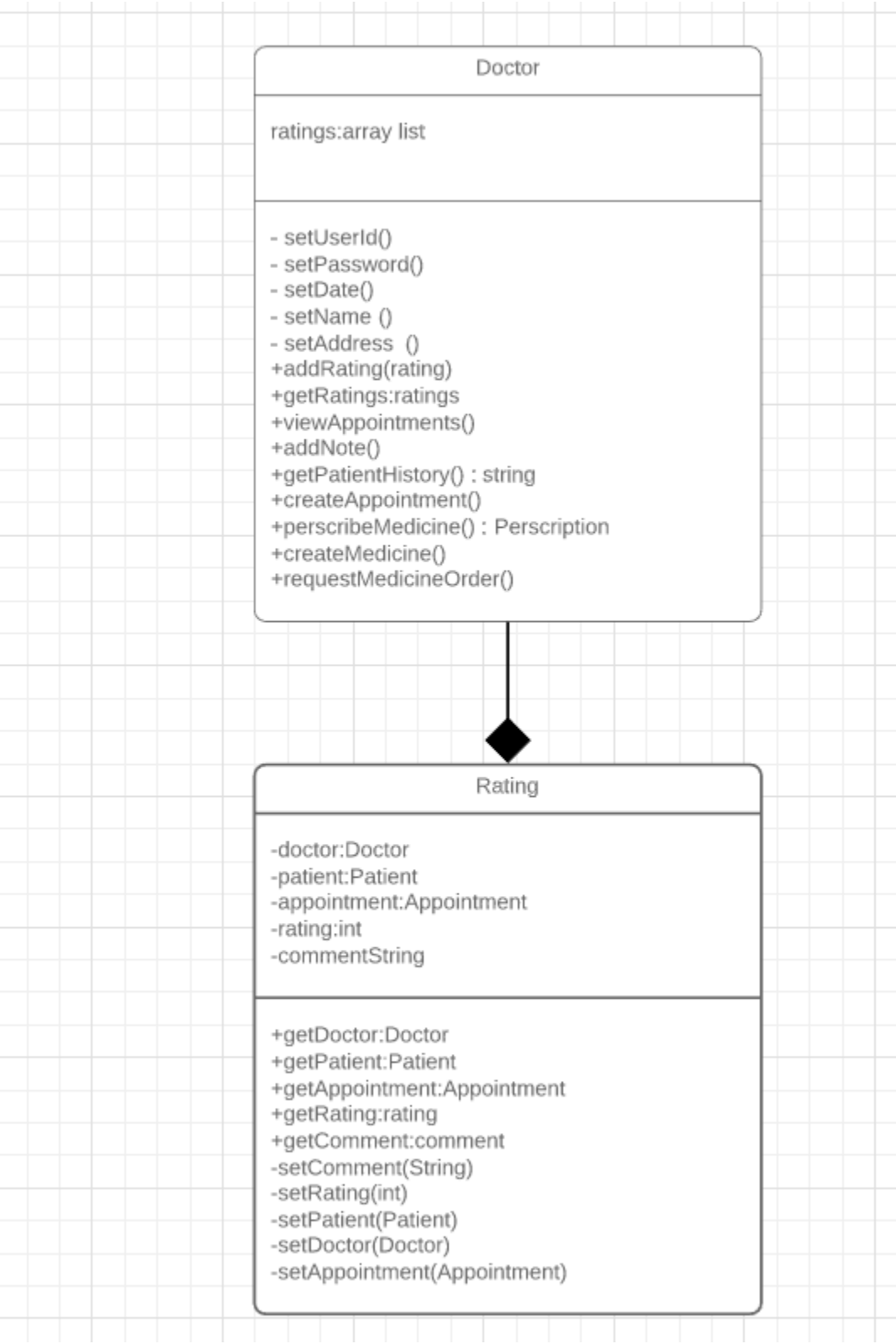
Request Creation and Observation



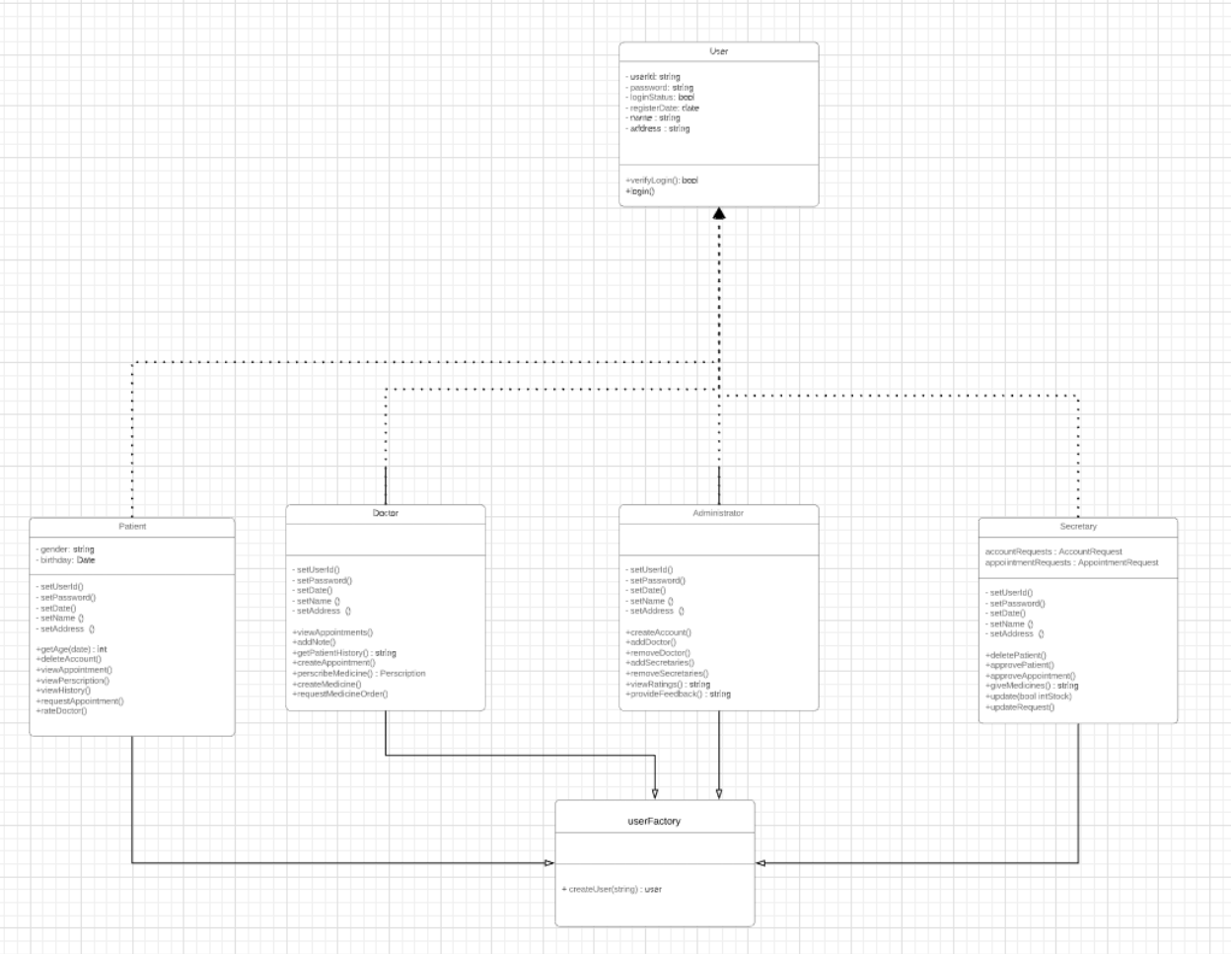
Medicine Observer Secretary



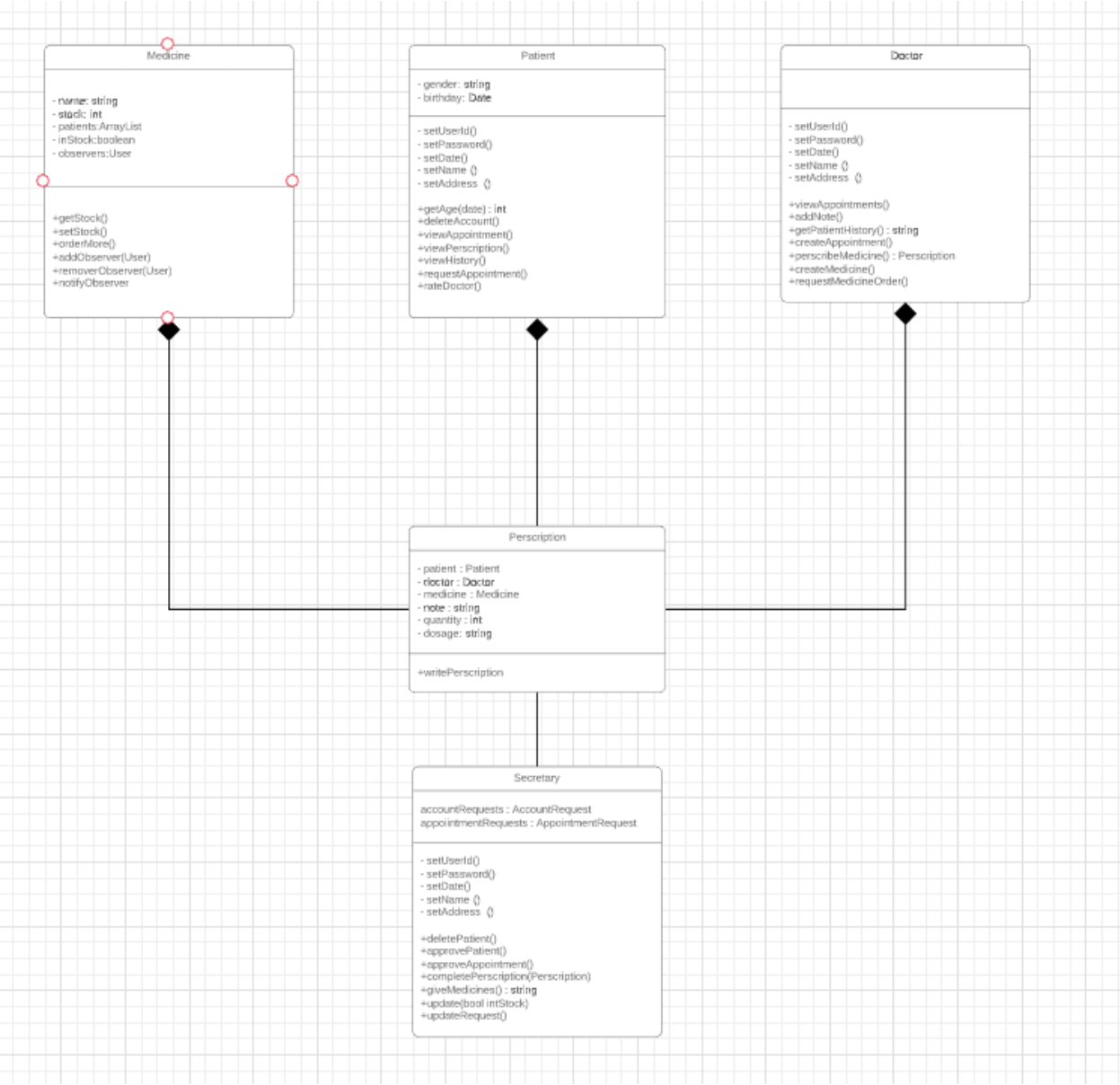
Doctor Rating




Account Creation




Prescription Construction


Medicine
- name: string
- stock: int
- patients:ArrayList
- inStock:boolean
- observers:User
+getStock()
+setStock()
+orderMore()
+addObserver(User)
+removerObserver(User)
+notifyObserver
Patient
- gender: string
- birthday: Date
- setUserId()
- setPassword()
- setDate()
- setName ()
- setAddress ()
+getAge(date) : int
+deleteAccount()
+viewAppointment()
+viewPerscription()
+viewHistory()
+requestAppointment()
+rateDoctor()
Doctor
- setUserId()
- setPassword()
- setDate()
- setName ()
- setAddress ()
+viewAppointments()
+addNote()
+getPatientHistory() : string
+createAppointment()
+perscribeMedicine() : Perscription
+createMedicine()
+requestMedicineOrder()
Perscription
- patient : Patient
- doctor : Doctor
- medicine : Medicine
- note : string
- quantity : int
- dosage: string
+writePerscription
Secretary
accountRequests : AccountRequest
appointmentRequests : AppointmentRequest
- setUserId()
- setPassword()
- setDate()
- setName ()
- setAddress ()
+deletePatient()
+appeovePatient()
+appeoveAppointment()
+completePerscription(Perscription)
+giveMedicines() : string
+update(bool intStock)
+updateRequest()