System

- For Peoples Login , if not found can create one
- For Doctors Login , if not found can create one
- Add a new pharmacy to system
- Print all doctors
- Print all pharmacies
- Find Doctor by <id>
- Find Pharmacy by <id>
- Find a Person by <name>

- Collection: Person
- Collection: Doctor
- Collection: Pharmacy

Patient

- 1. Person can select a doctor from list of doctors by a doctor's special id to access his health-records
- 2. Person can see his own health-records
- 3. Has a method for printing his details like insurance, name, birthdate, ...
- 4. Can see list of his doctors

- Collection: Doctor
- HealthRecord
- Enum: BaseInsurance
- Enum: Insurance

Doctor

- 1. Doctor can see list of his patients
- 2. Doctor can write prescription for a person
- 3. Doctor can add a <illness> to Person <HealthRecord>
- 4. Can add a new Doctor to Person doctors list

- Collection: Person

illness

• 1. Create a new illness via constructor • 2. Can add a Prescription for specific illness • 3. Print details of illness • 4. Print the details of the doctor • 5. Print details of medication	• Doctor • Prescription • Enum: Category • Enum: Level

Prescription

• 1. Can create a new Prescription with List of drug names via constructor • 2. Person can go & receive his medicine from pharmacy if it's not already received	• Collection: String => names • Pharmacy

MedicalRecord

• 1. Can add a new illness to object • 2. Can print person's illness history	• Collection: illness

Pharmacy