

## HealthSystem

- hold patient list
- add patient
- hold doctor list
- add doctor
- hold university list
- add university
- show patient full details
- hand patients' list to universities
- retrieve research result

- Patient
- Doctor
- University
- Collection

## HealthRecord

- hold list of diseases
- add disease
- show full information

- Doctor
- Disease
- Collection

## Patient

- holding age+gender+insurances+degree+job+living location
- hold health record
- holding trusted doctors list
- select first trusted doctor
- add new trusted doctor to doctors list
- show health record
- get medicine from pharmacy
- get pharmacy doctor approval
- show full detail

- HealthRecord
- Doctor
- Collection

## Doctor

- create health record
- give patient introduction to new doctor
- give patient description
- write a prescription
- diagnose patient

- Patient
- HealthRecord

## PharmacyDoctor

- approve disease information
- hand over medicine
- approve identity of patient

- Disease
- Patient
- HealthSystem

## Disease

- hold type of disease
- hold security level of disease
- hold advised medicine
- hold the date disease diagnosed
- hold name of the doctor diagnosed the disease
- hold the state of disease (cured or not)
- hold doctor's description & diagnostics
- show disease information

## University

- hold patient list
- research patient
- publish researchs

- Patients
- HealthRecord