

Disease

- Saving disease info
- Giving disease info
- Giving disease info to print (with toString method)

- Patient

Physician

- Saving name and status
- Referring a patient to another doctor
- Giving physician's name
- Creating medical history for patient
- Giving medicine

- MedicalHistory
- Collection

MedicalHistory

- Saving disease of patients
- Type of illness as an enum
- Situation of patient as an enum
- Showing disease information
- Searching for disease in medical history by <<type>>
- Showing medical history (for all of diseases)
- Showing what doctor recognize

- Disease
- Collection
- Patient
- Physician

Patient

- | | |
|---|---|
| <ul style="list-style-type: none">• Saving personal information and medical history• Showing personal information & disease information• Showing medical history• Choosing first trusted physician | <ul style="list-style-type: none">• MedicalHistory• PersonallInfo• Disease• Physician• Collection |
|---|---|

PersonallInformation

- | | |
|---|--|
| <ul style="list-style-type: none">• Printing personal information• Saving name ,date, academic certification(as an enum), gender(as an enum), insurance types(as an enum) etc. | |
|---|--|

HealthSystem

- | | |
|---|--|
| <ul style="list-style-type: none">• Saving all patients & physicians• Adding patient or physician• Checking if a patient is in list (by name)• Searching for disease in specific patient's medical history• Searching for a patient• Showing disease information• Showing medical history of a patient• Showing patient's personal information | <ul style="list-style-type: none">• Collection• Patient• Physician |
|---|--|