

<<enumeration>> BloodType

O NEGATIVE

A NEGATIVE

B NEGATIVE

AB NEGATIVE

O POSITIVE

A POSITIVE

B POSTIVE

AB POSITIVE

Patient

Record

- static int count = 1

-Doctor familyDoctor

List<String> prescriptions

- String recordId

-Date birthDate

BloodType type

-double height

-double weight

-Sex sex

- -static int count = 1
- -String patientId
- -String firstName
- -String lastName
- -String address
- -String contact

Record record

ClinicSystemManagement

- -List<Doctor> doctors
- -List<Patient> patients
- -List<Appointment> appointments
- +addDoctor(Doctor doctor)
- +removeDoctor(String Id)
- +modifvDoctorinfo()
- +addPatient(Patient patient)
- +dischargePatient(String Id)
- +modifyPatientInfo()
- +bookAppointment(Patient, Doctor, LocalDate date, LocalTime time)
- +canelAppointment(Patient patient)
- -findPatient(String Id);
- -findDoctor(String Id)

- +rescheduleAppointment(Patient patient)

Doctor

- -static int count = 1
- -String doctorId
- -String firstName

String lastName

String specialty

String contact

list<Patient> patients

Appointment

-static int count = 1

<<enumeration>> Sex

-String appointmentId

≈Ratient patient -Doctor doctor

<<instantiate

MALE

FFMAI F

OTHER

LocalDate date

Localtime time