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C204/BSCS

Step 1:

OBJECTS: Patient, Hospital System, Room

Step 2:

1.Patient

Properties

Name:

Patient ID:

Birthdate:

Behavior(Verb-noun phrase)

TellingSymptoms()

GivingBasicInformation()



2.Hospital_System

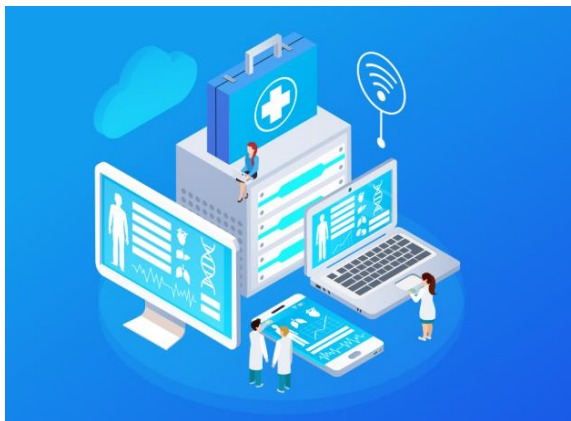
Properties

RoomFee()

PatientType()

Behaviour

Assigning()



AllowAddingUpdatingSearching()

Hospital Room

Properties

RoomNumber()

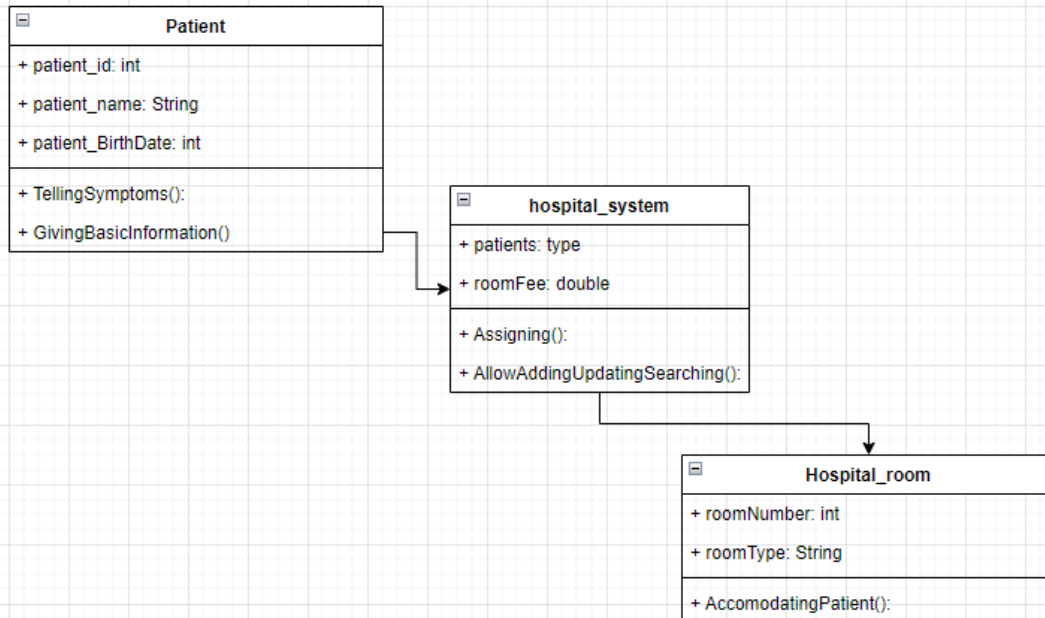
RoomType()

Behaviour

AccommodatingPatient()



STEP 3:



STEP 4:

```
public class TinyHospitalSystem
{
    //patient
    //instances variable
    String patient_name;
    int patient_id;
    float patient_birthdate;

    //behaviors = methods
    public void tellingSymptoms()
    {
        System.out.println("Hi i do not feel well" + name);
    }
    public void givingBasicInformation()
    {
        System.out.println("my name is Clark, 23 years old from Cubao")
    }

    //TinyHospitalSystem
    //instances variables
    String room_fee;
    String patient_type;

    //behaviors = methods
    public void Assigning(){
        if(patient = ResidentPatient);
        System.out.println("patient id %d will be assigned to room %d");
        else(patient = outpatient);
        System.out.println("patient id %d will be assigned to room %d");
    }

    public void viewInformation(){
        System.out.println("client details" + patient_name, patient_id, patient_birthdate);
    }

    public void allowAddingUpdatingSearchingofRecords(){
        System.out.println("updating records");
    }

    //hospitalroom
    //instancesvariable
    int room_number;
    String room_type;

    //behaviors
    public void Accomodatingpatient(){
        System.out.println("");
    }
}
}
```

