

OOAD [J] Mid Assessment (Class Diagram) –Midterm

Due date: 27.10.2021

Instruction: draw class diagram and upload pdf in the portal.

1. Draw a class diagram and relationships for the following classes.

Consider that the entities represent a system for a patient billing system. Include only the attributes that would be appropriate for this context.

- Patient (age, name, hobbies, blood type, occupation, insurance carrier, address, phone)
- Insurance carrier (name, number of patients on plan, address, contact name, phone)
- Doctor (specialty, provider identification number, golf handicap, age, phone, name)
- A patient must be assigned to only one doctor and a doctor can have many patients.
- An employee has one phone extension, and a unique phone extension is assigned to an employee.