# Class Diagram Exercise

* Identify classes (with attributes and possibly operations)
* Identify relationships (for associations, indicate name or role names, and multiplicities
* Draw class diagram

## Problem Description: Hospital

Patients are admitted to rooms that are meant for 1-2 people. Each patient has a lead doctor that is responsible for this patient.

Each doctor is assigned an office, and offices can be shared by several doctors. Each office has a phone number.

Patients are given medications with dosage indication.

We need a system that would allow to track medications for a patient, and we would be able to finds out which doctor to contact in case there is any question about patient’s medication or dosage.