

**NYU School of Continuing and Professional Studies**  
**Course Title: Object-Oriented Analysis and Design**  
**Course Number: X52.9267 - 001**  
**Fall 2011**

**Homework #1**

The following is a scenario of a doctor's office:

When a patient visits the doctor, the patient communicates their symptoms to the doctor. The doctor makes a diagnosis and prescribes drugs if appropriate. All of the visit information (the time of the visit, patient's symptoms, the doctor's diagnosis and prescription (if any) are recorded as part of the patient's historical record.

Define the set of classes, identifying all of the relationships (if any) that you identified in creating your solution. Please provide a UML diagram.