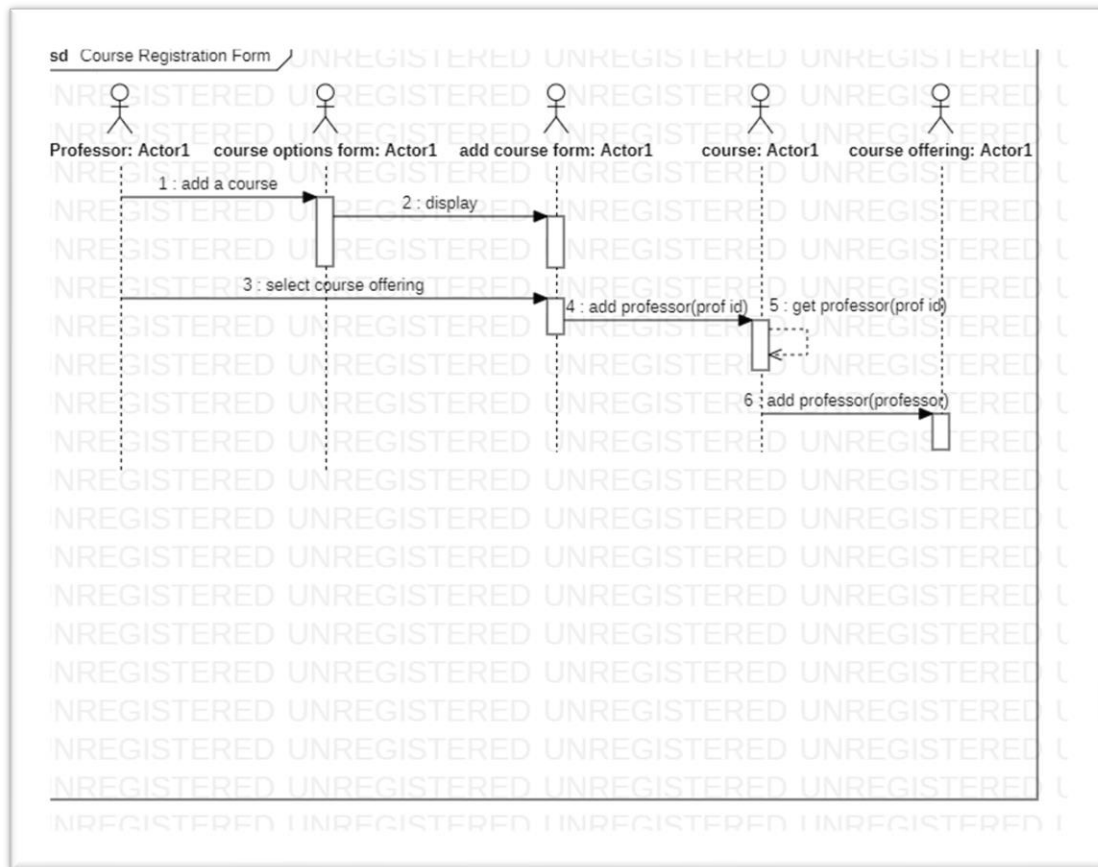# LAB: 03

**Exercise 2: Course Registration Form**

 Create a new sequence diagram called Add a Course Offering for the Select Courses to Teach •
Add the Professor actor to the diagram. • Create the following objects: course options form, add
course form, course, course offering • Create the messages as shown in the table below. From To
Message Professor course options form add a course course options form add course form
display Professor add course form select course offering add course form course add professor
(prof id) course course get professor (prof id) course course offering add professor (professor)
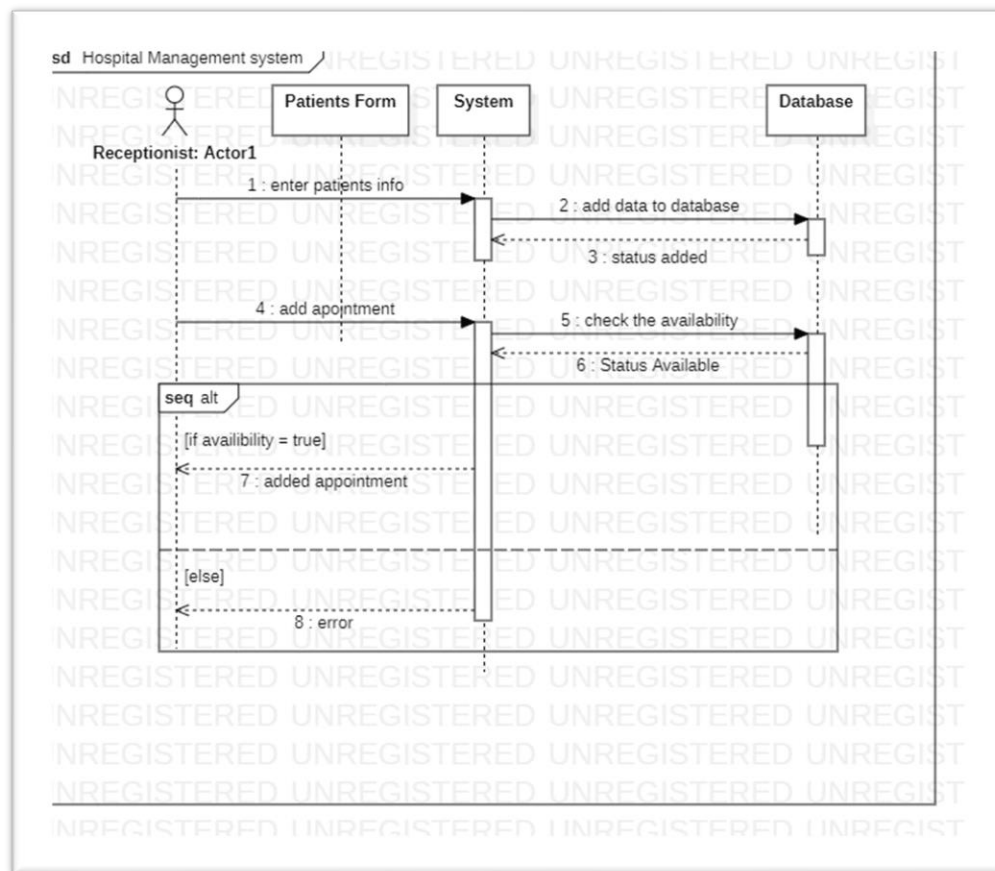Save the model.

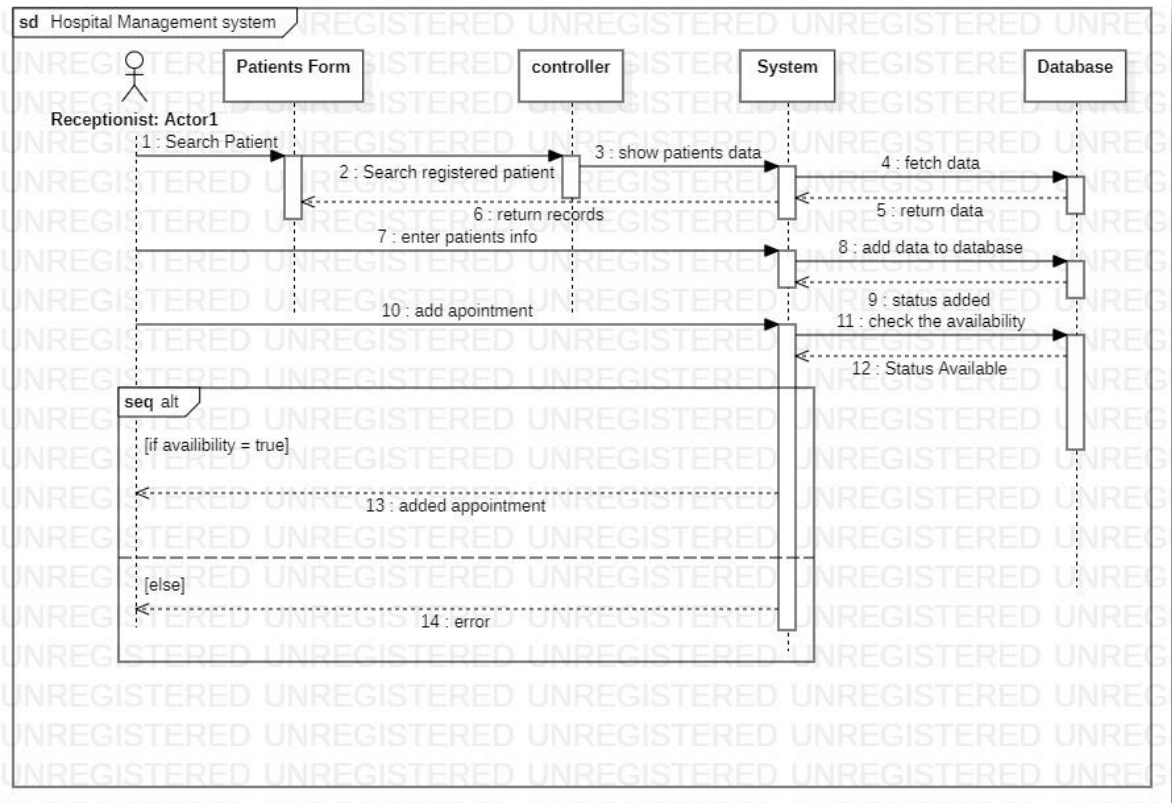Create Sequence diagram for the following system

Task 1 : Hospital Management system

    a) Use Receptionist as an actor with System and Database as objects
    b) Draw design level sequence diagram (use all objects reception actor)

**Analysis level sequence diagram**

### Design level sequence diagram

### Task 2: Airline Reservation System

Draw design level sequence diagram covering use cases (reserve a flight, book a flight, search a flight, show flight status, check rewards points & cancel flight)