

## **Sequence Diagram (Standard Scenario)**

### **1. Draw a sequence diagram for the following case study:**

A doctor includes the instruction in the patient advice when a patient requires a bed or room in the hospital. The advice is then passed to the office clerk. The office clerk checks the present booking database to get the available room and bed list. Facilities of the rooms and the beds are then extracted from the room list. Available room and bed numbers and facilities are sent to the patient. The patient chooses a room or bed and then the office clerk writes patientID, room or bed no, doctorID and doctor advice in the booking database. Finally a copy of the admission is sent to the associated nurse and a copy is given to the patient.