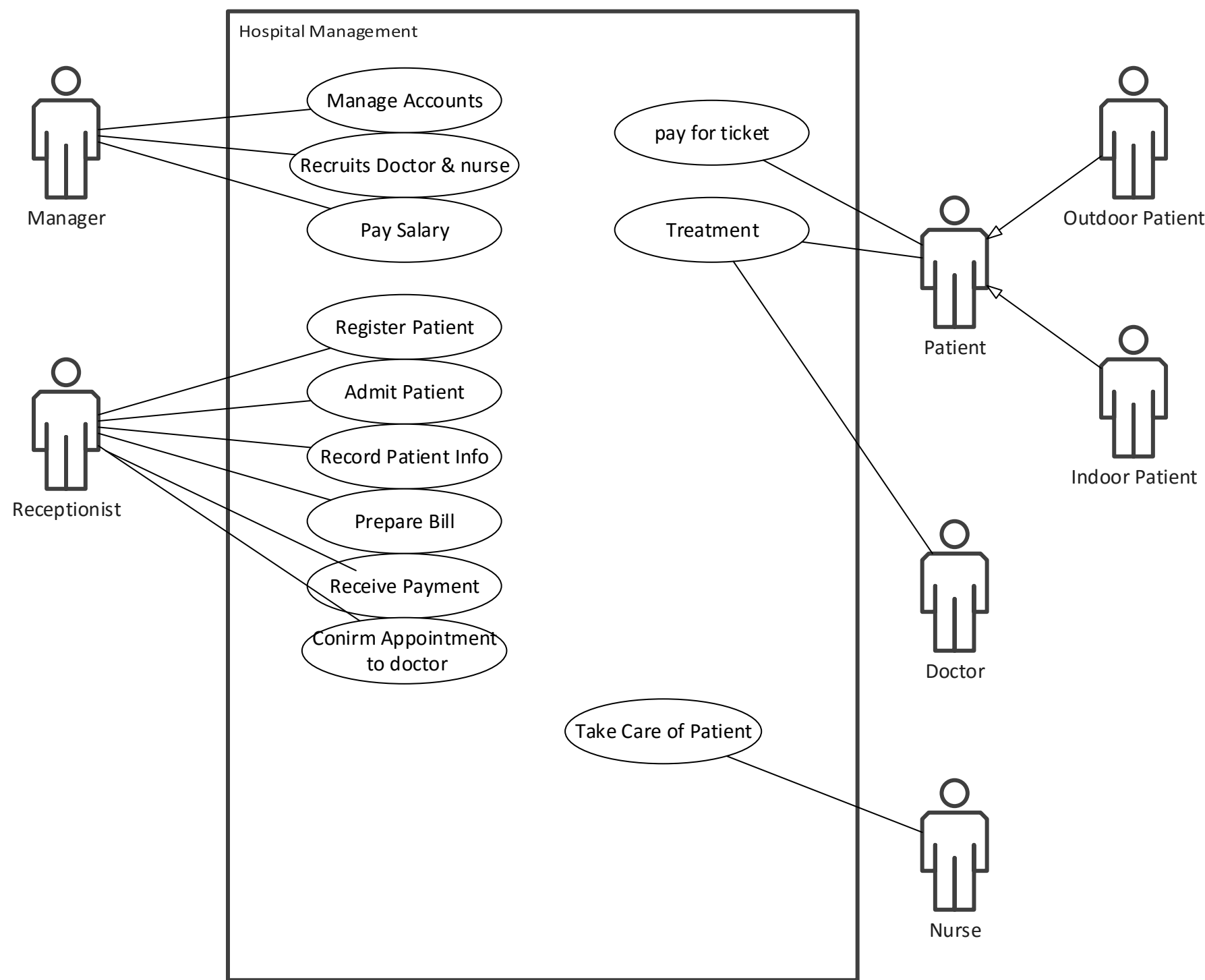


Case study Hospital management

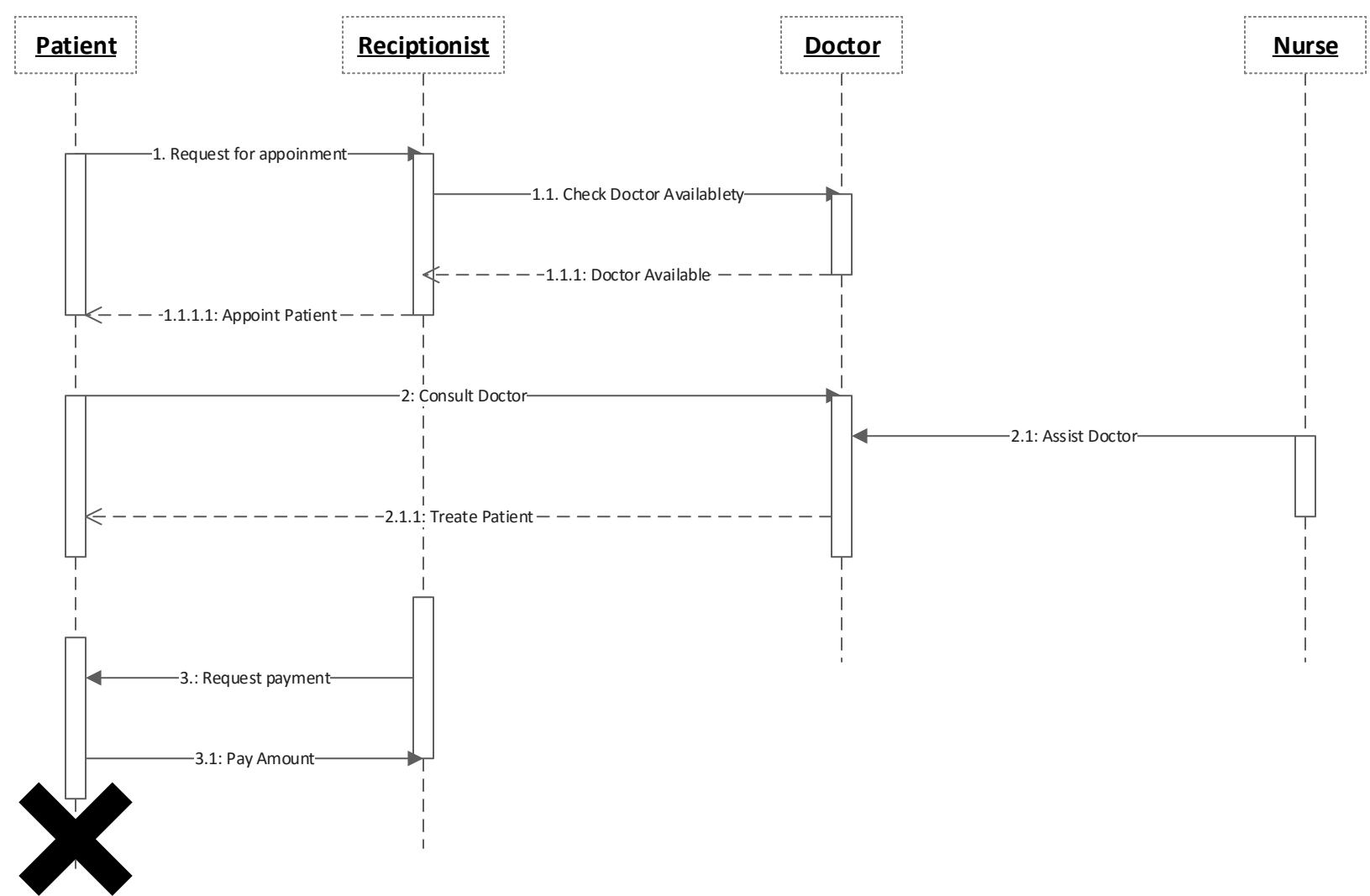
This case study titled Hospital management system monitors and controls all activities of a hospital. The Hospital has receptionists who record patient details, confirm appointment with doctor, admit patient, prepare bill & receive payments. Manager reserve all accounts, pay salaries & recruit new doctor & nurses. Nurses take care of patients. Hospital has two basic departments indoor and outdoor. Patients are admitted under indoor department. Outdoor department remain open from 9 AM to 2 PM every day except Friday. Outdoor patient must collect a ticket for appointment doctor. In indoor department for every patient have one nurse for take care.

Use Case Diagram: Hospital Management



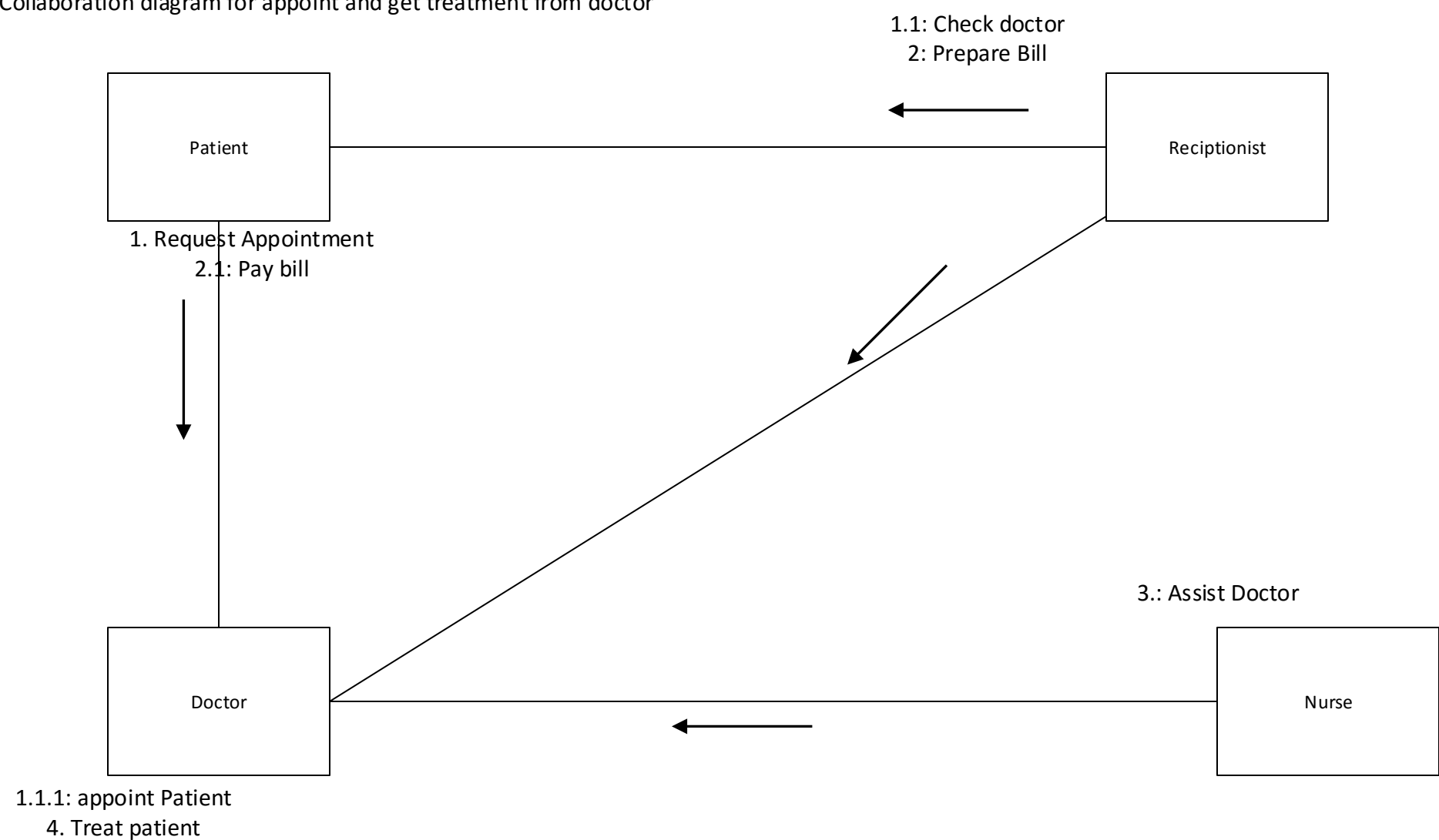
Sequence Diagram:

Sequence diagram for appoint and get treatment from doctor



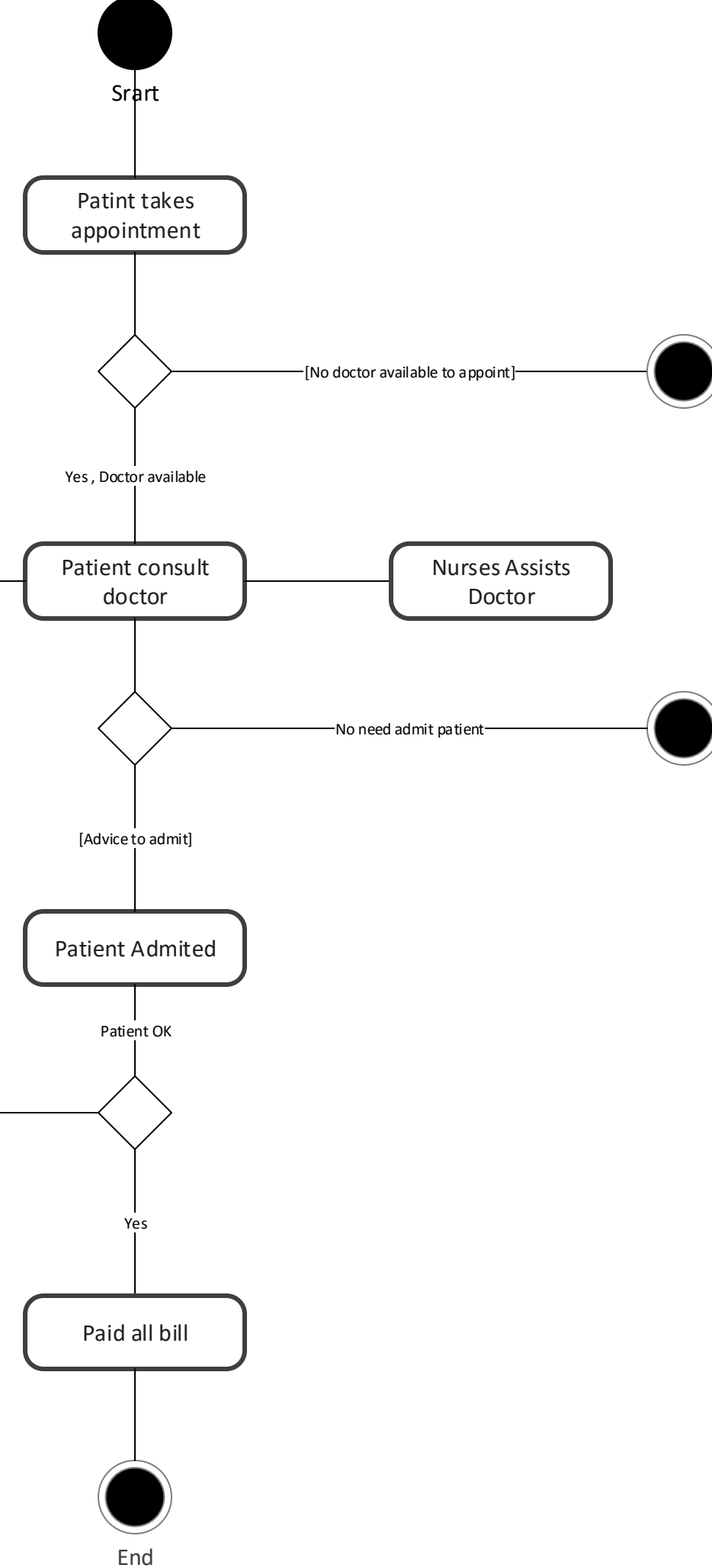
Collaboration Diagram:

Collaboration diagram for appoint and get treatment from doctor



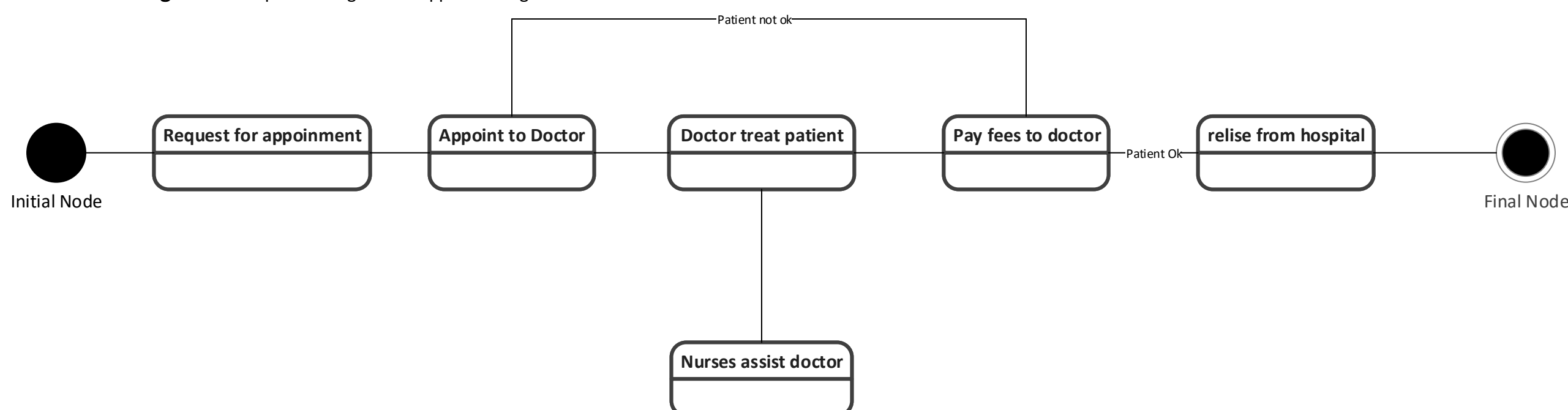
Activity Diagram:

Activity diagram for appoint and get treatment from doctor



State Chart Diagram:

Sequence diagram for appoint and get treatment from doctor



CRC Cards:

Patient	
Responsibility	Collaborations
getAdmit()	Receptionist:appoint
appointToDoctor()	Doctor:Treat

Receptionist	
Responsibility	Collaborations
admin(Save())	Patient:Payment
receivePayment()	Doctor:Conform
appointPatient()	Appoint
prepareBill()	Manager:pay Salary

Doctor	
Responsibility	Collaborations
TreatPatient()	nurse:Nurses
getSalary()	Manager:Pay Salary

Manager	
Responsibility	Collaborations
recruit(Nurse)	
recruit(Doctor)	
paySalary()	
reserveAccounts()	

Nurse	
Responsibility	Collaborations
tateCarePatient()	
assistDoctor()	