CX Hospital

You are asked to create a Activity Diagram, Updated Class Diagram, and Multilayer Class Diagram by CX Hospital using below requirements that provided by CX Hospital.

Requirements:

Doctor can view patient registered in the hospital.

Doctor can create prescriptions to give to the patient.

Doctor can view their appointments with patients.

Doctor can end their appointments.

Nurses can view patients registered in the hospital.

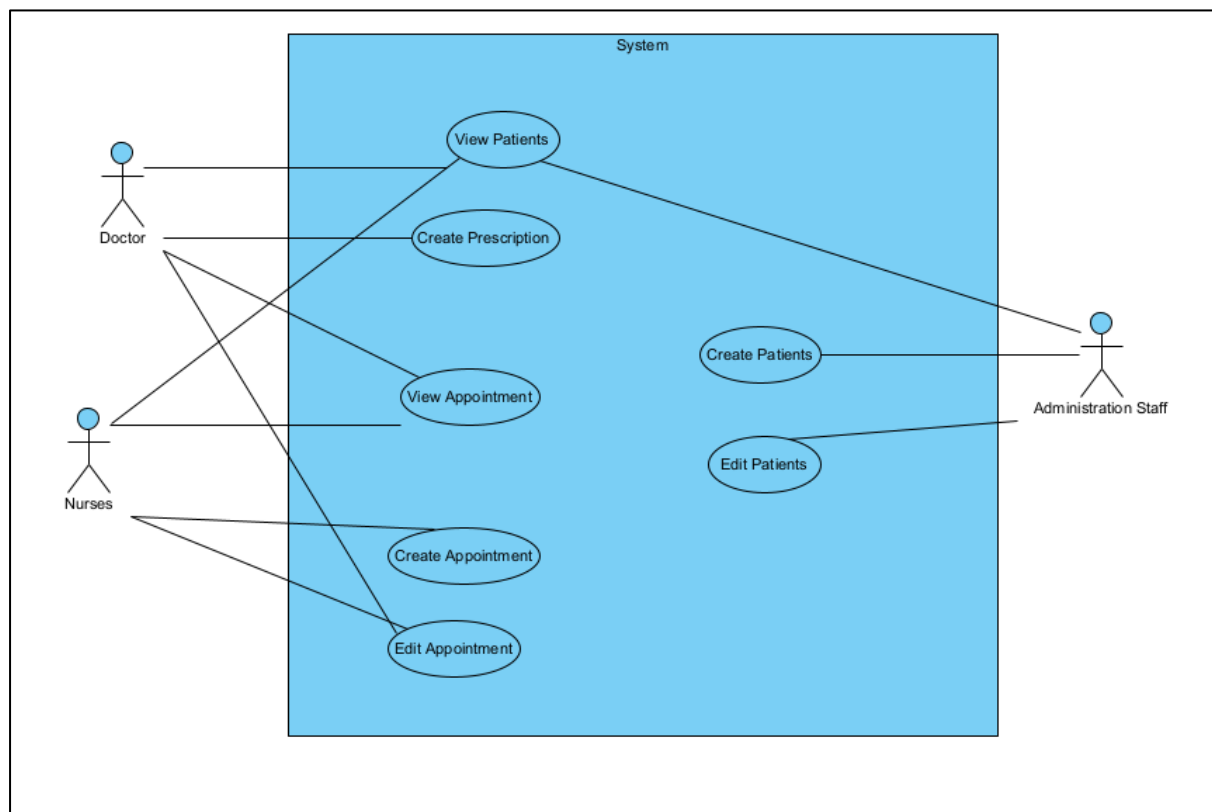Nurses can view doctor and patient appointments.

Nurses can create appointments for doctor and patient.

Nurses can reschedule appointments.

Administration Staff can view patient registered in the hospital.

Administration Staff can register patients.

Administration Staff can edit patient data.

In this exercise, you are free to assume any additional details that may be relevant or necessary to complete the Activity Diagram, Updated Class Diagram, and Multilayer Class Diagram. This includes assumptions about possible events, behaviors, and attributes of the entities (e.g., Doctor, Patient, Appointment).

Focus on the diagram.

Write down any assumptions/explanation for the flow of the diagram how it works during the exercise and exam.