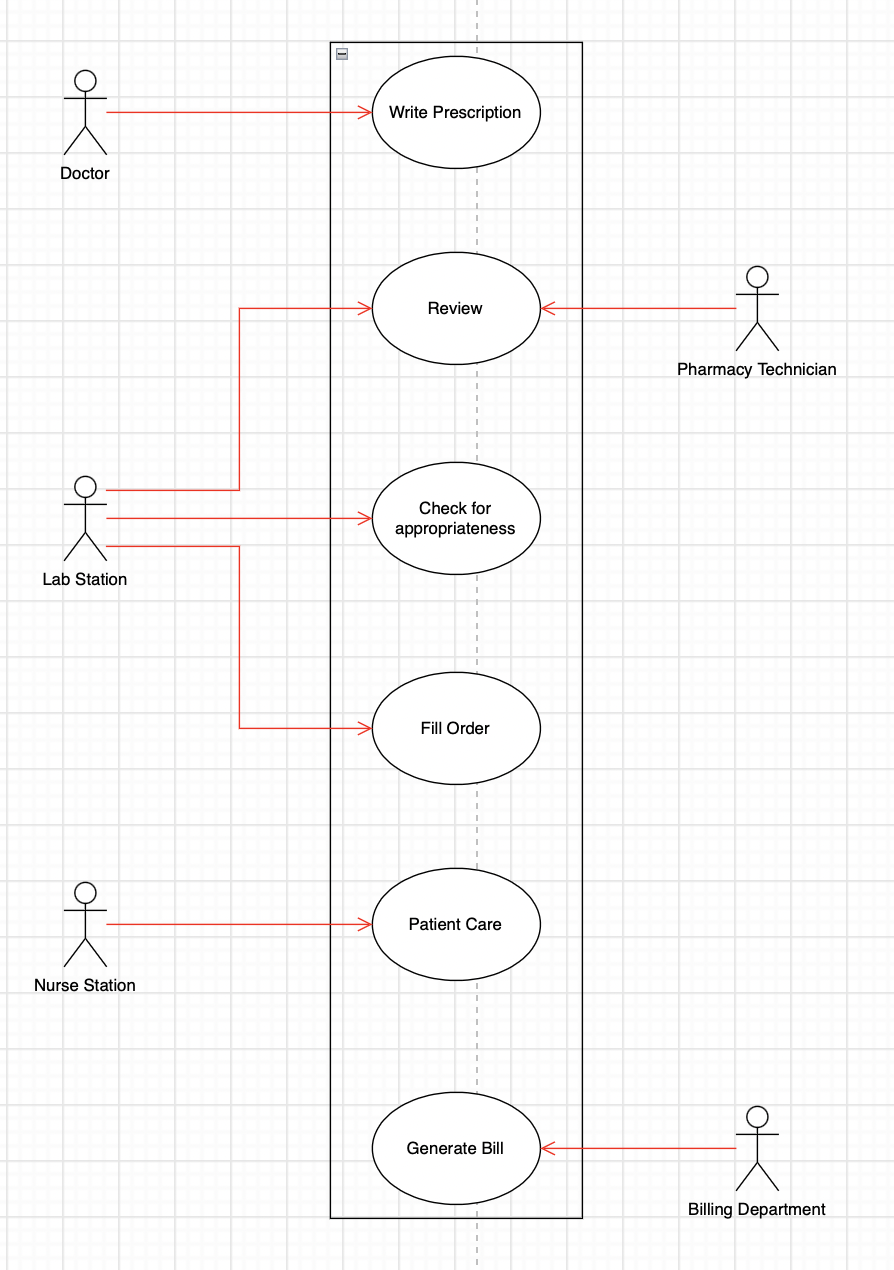
Assignment 4

Object Modelling with UML

Q1. Use Case Diagram:



Q2. Class Diagram:

Diagram

Description automatically generated

Q3. State Transition Diagram for the Pharmacy Technician:

Diagram

Description automatically generated

Q4. Sequence Diagrams:

For a pharmacist at the Lab Station:

Diagram

Description automatically generated

For the doctors at Mercy Hospital

Diagram

Description automatically generated with medium confidence