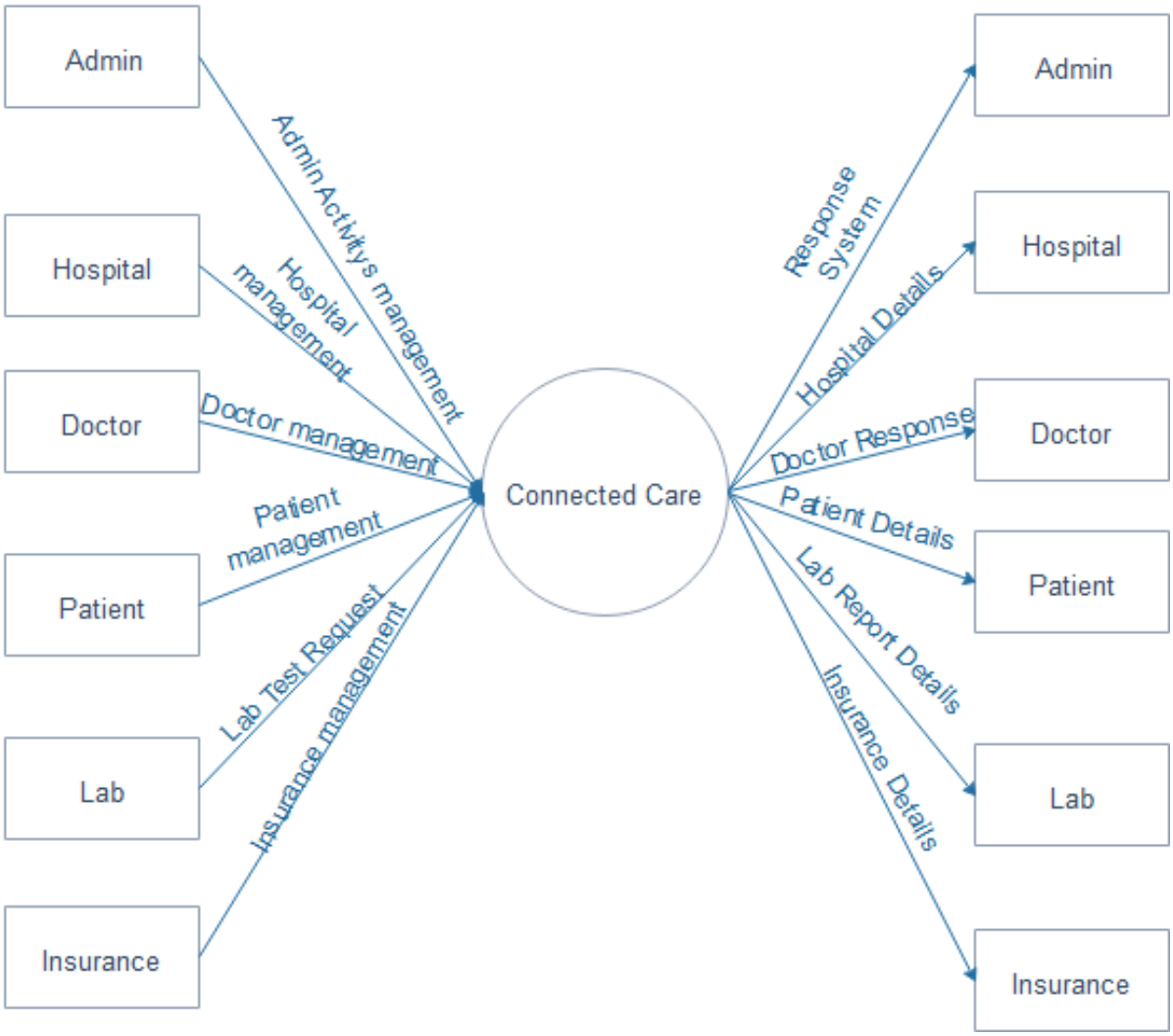
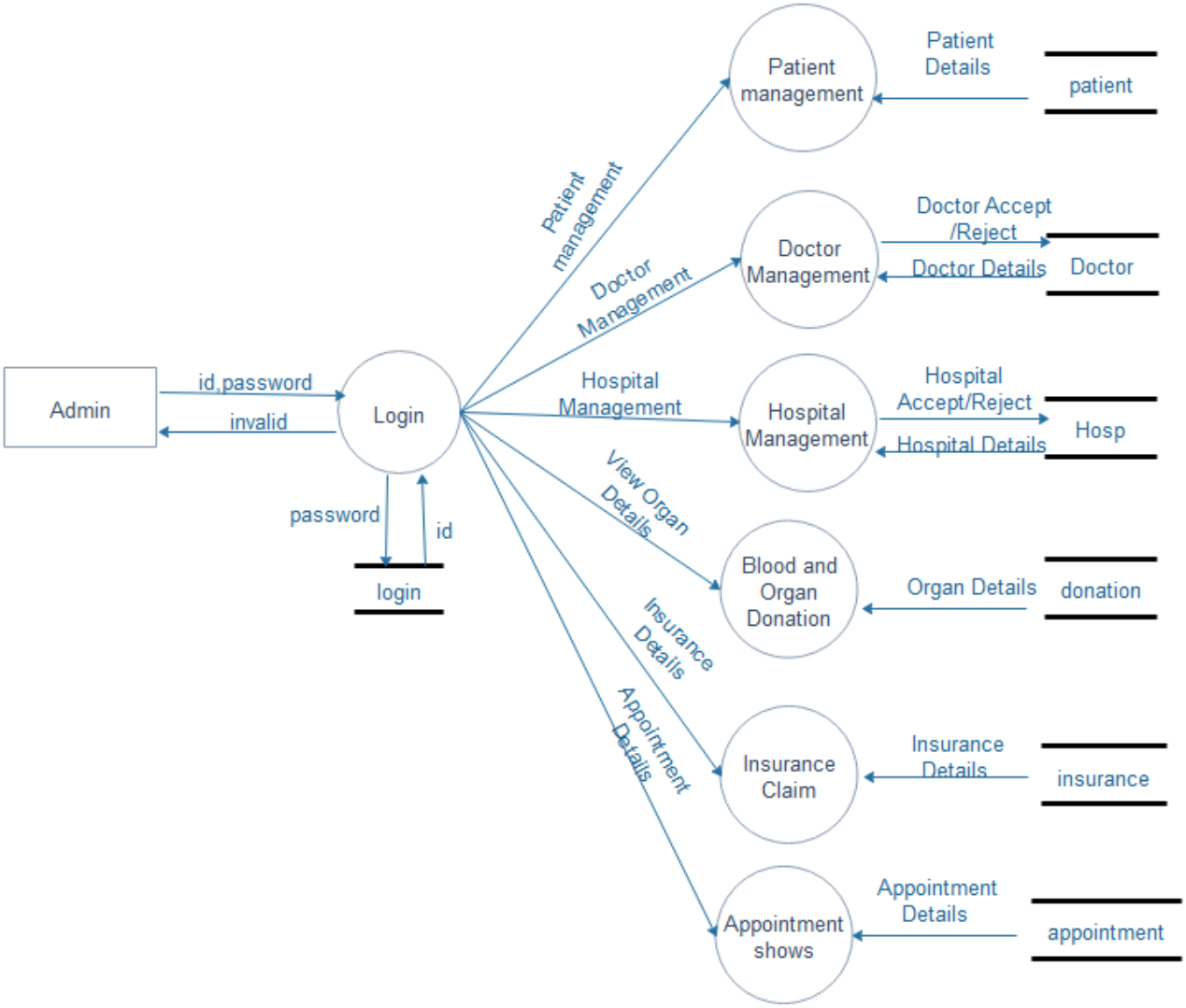
DFD(Data Flow Diagram)

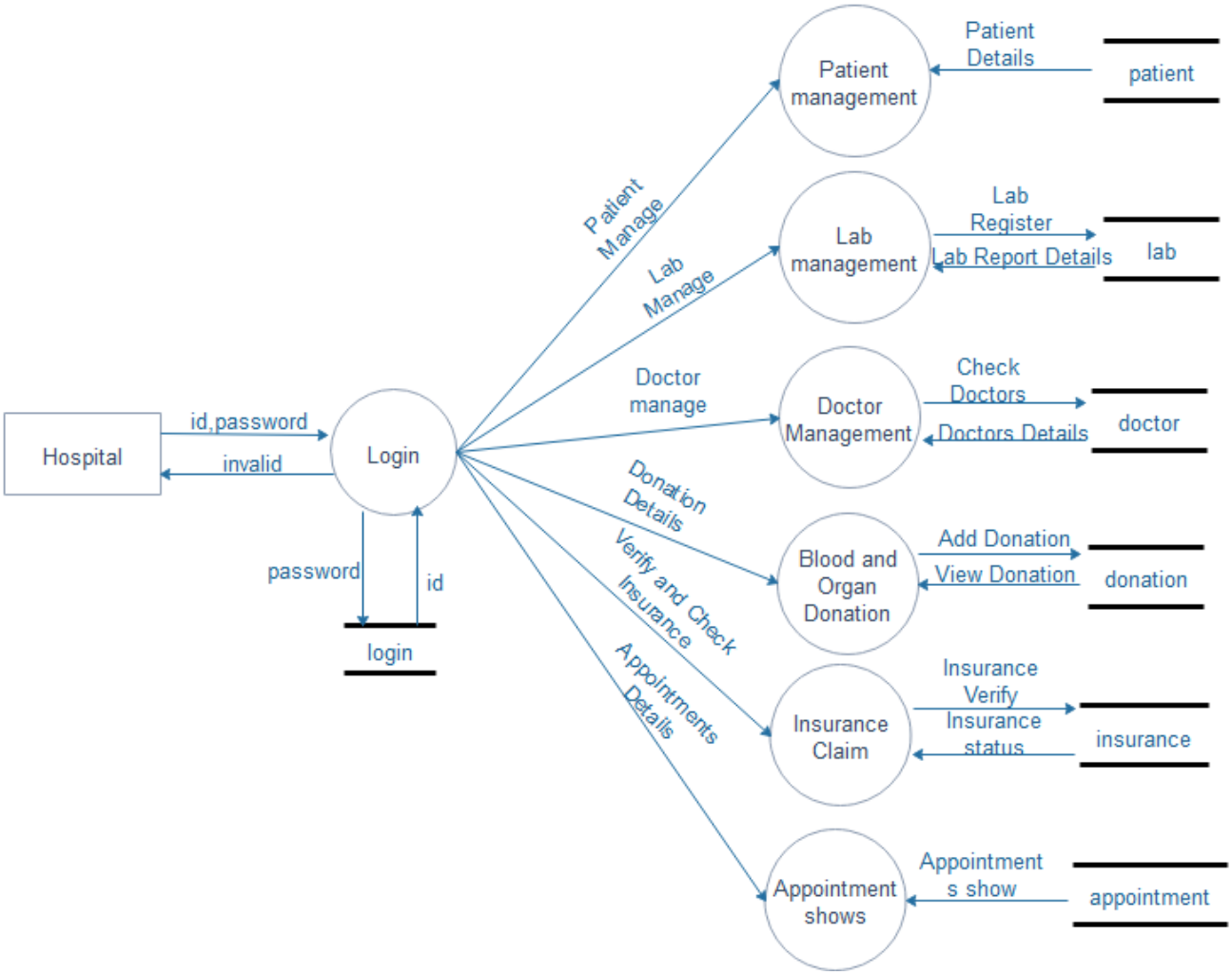
Level 0-Context Level Diagram



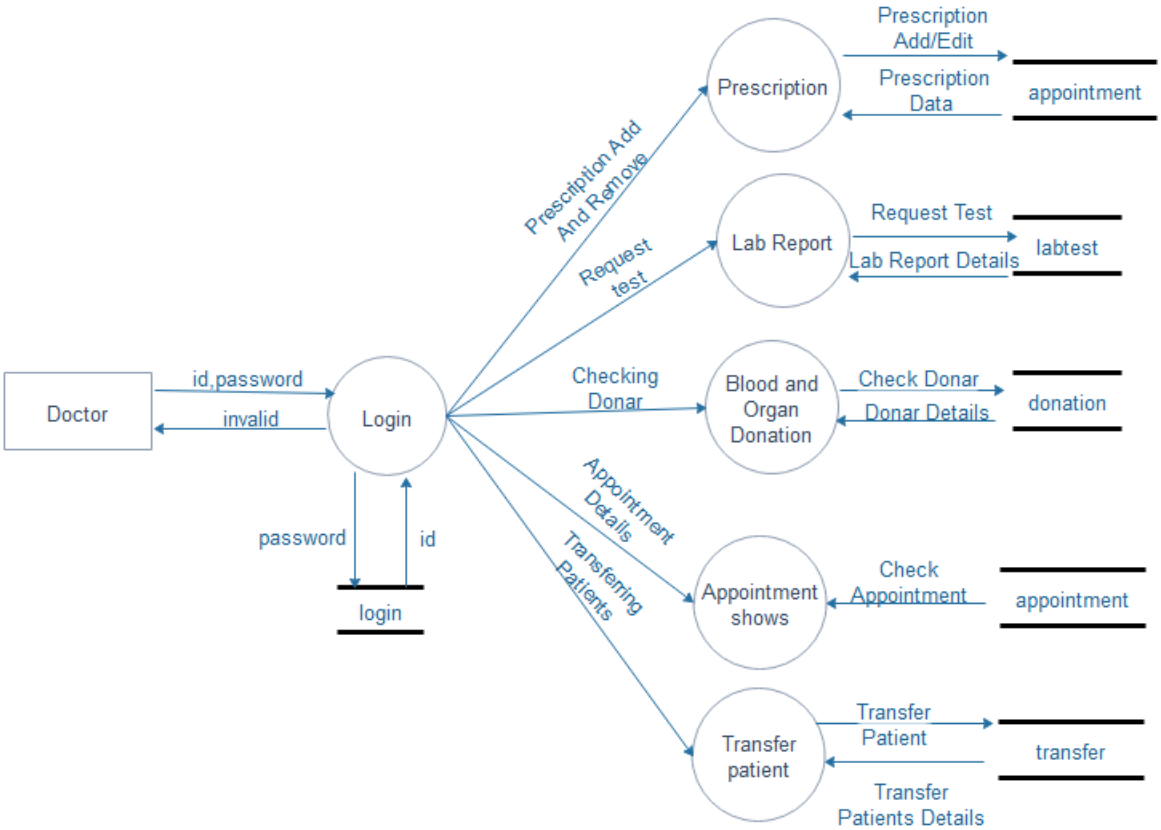
Level 1-Admin



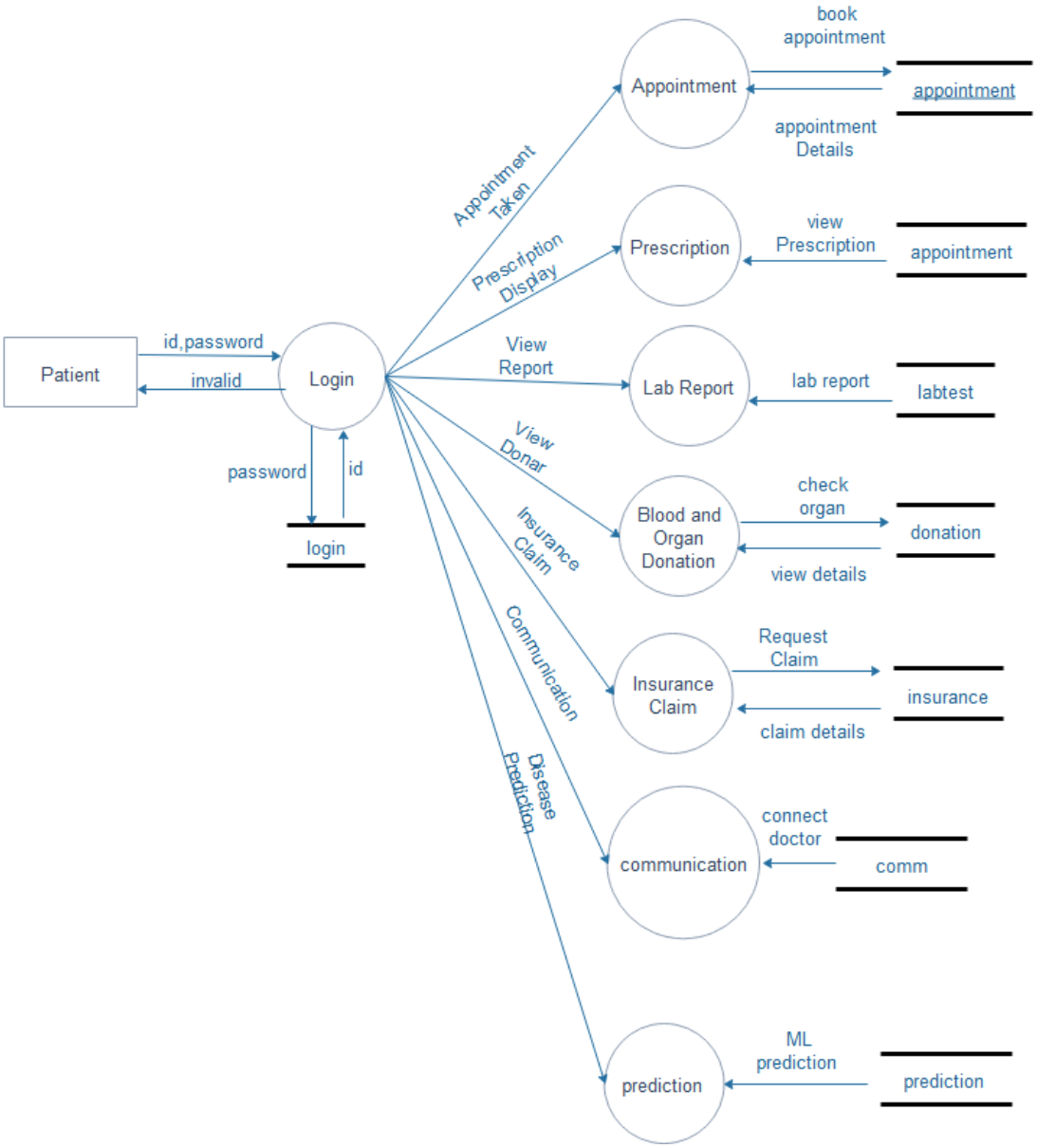
Level 1-Hospital



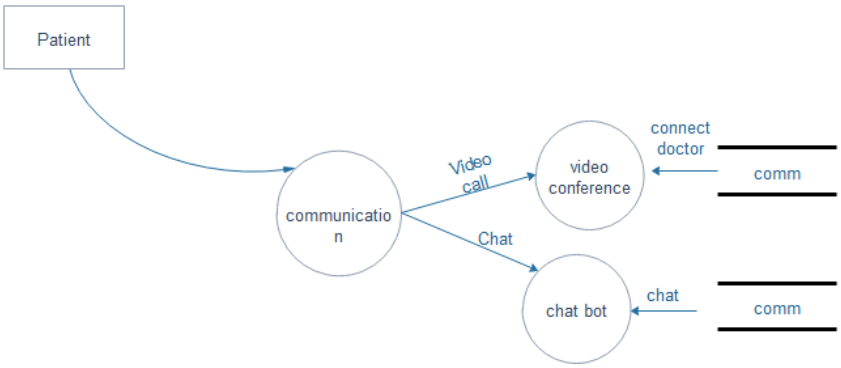
Level 1-Doctor



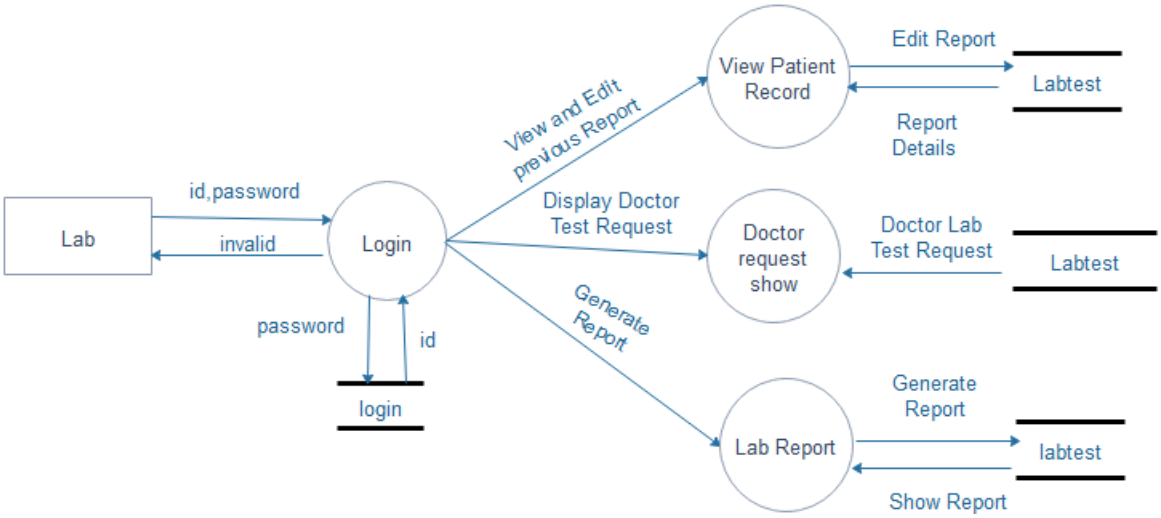
Level 1-Patient



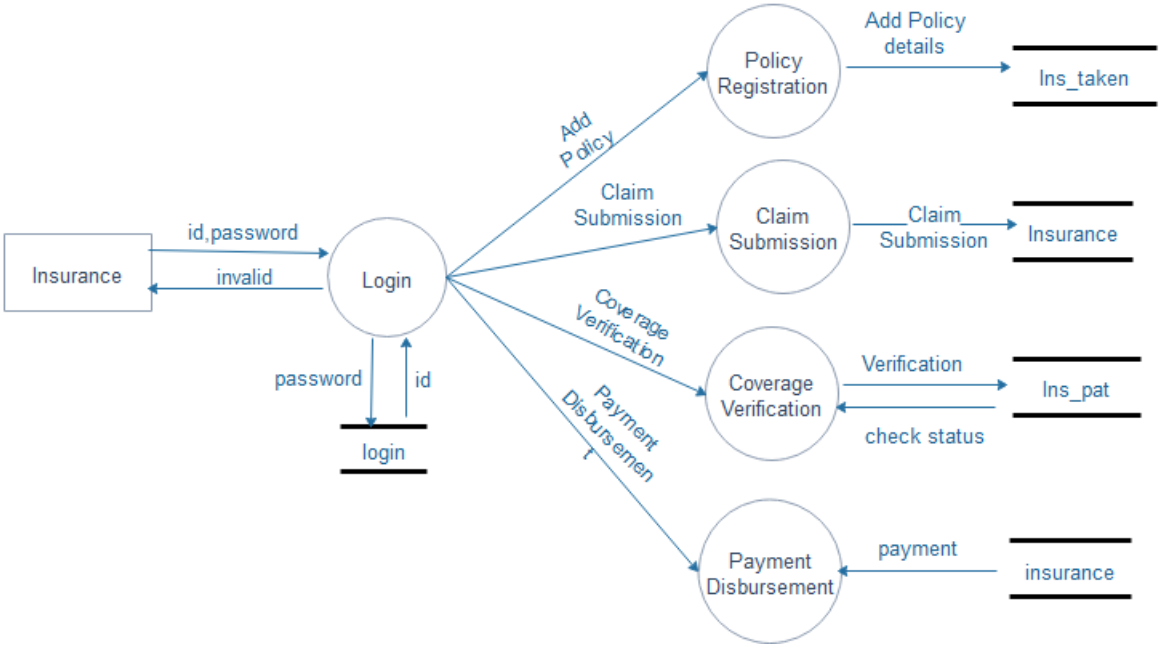
Level 2-Patient Communication



Level 1-Lab

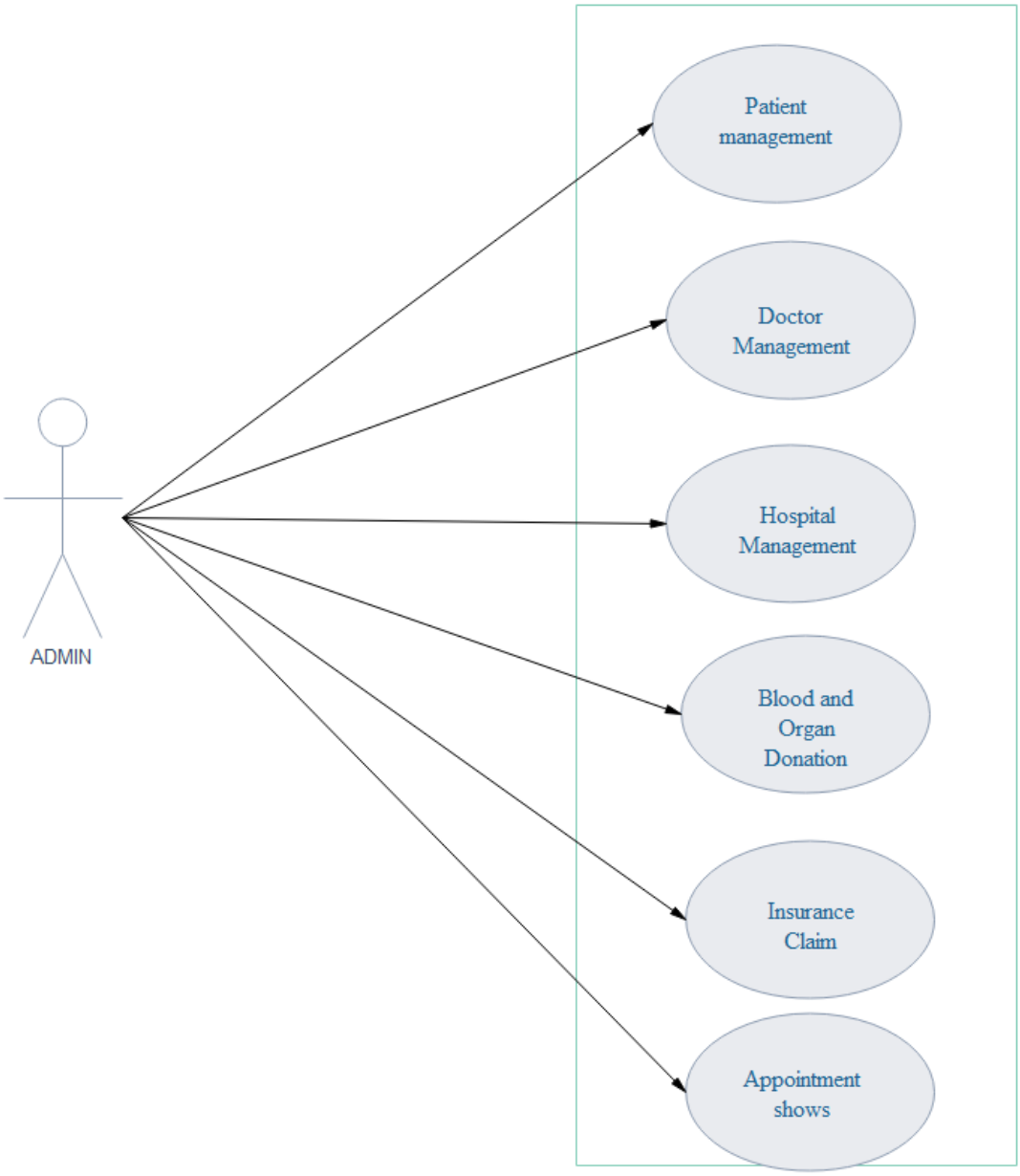


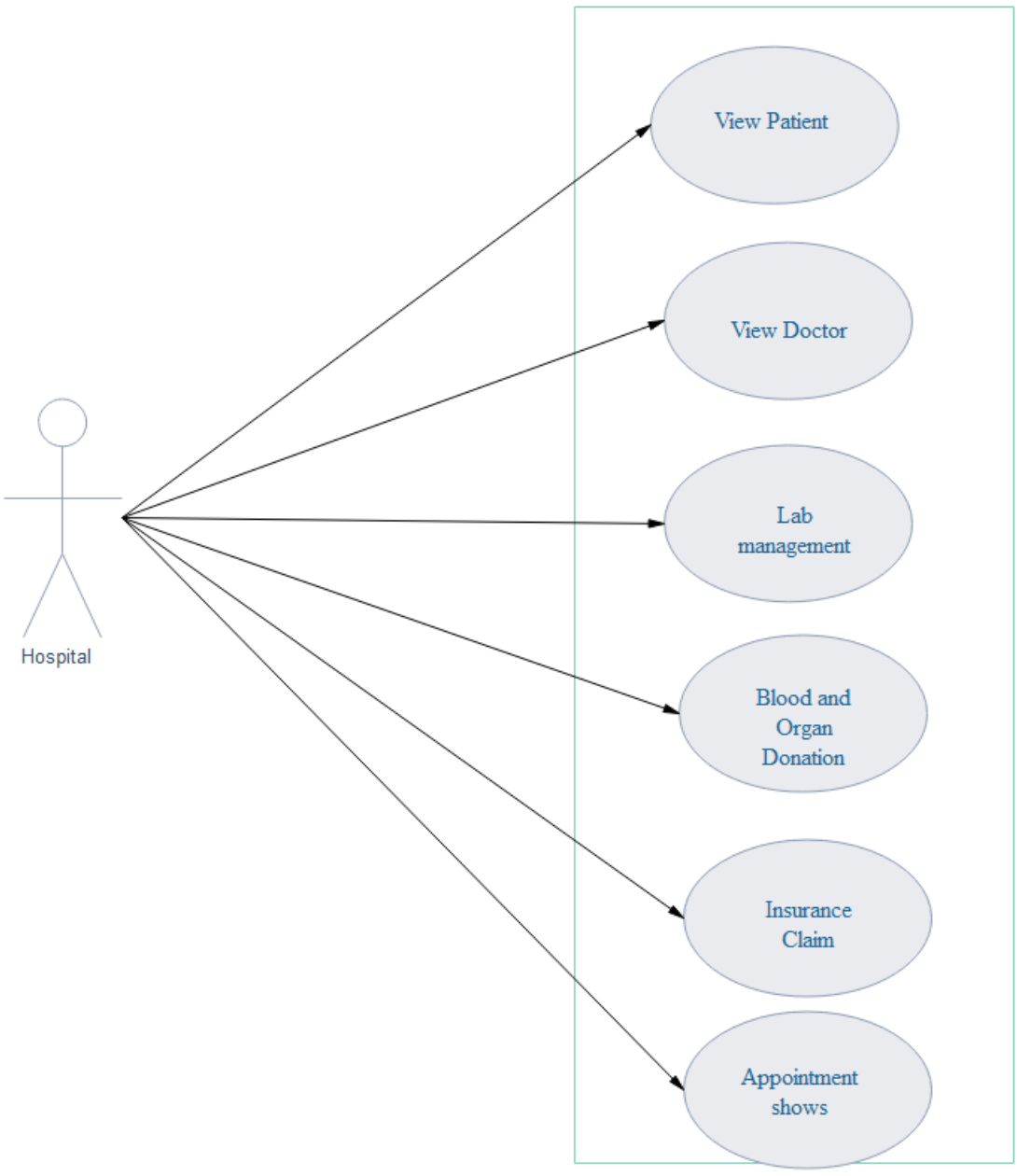
Level 1- Insurance

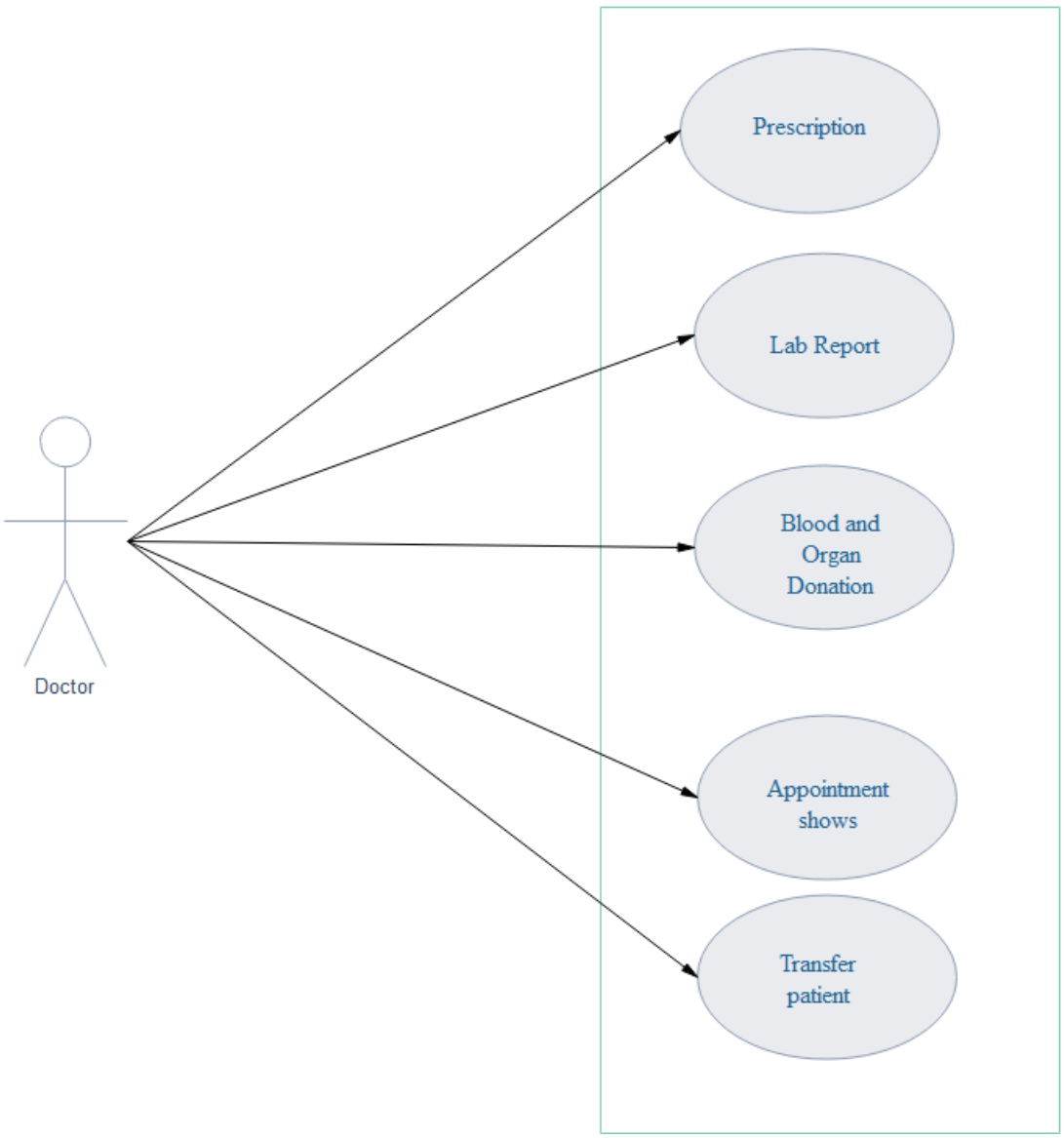


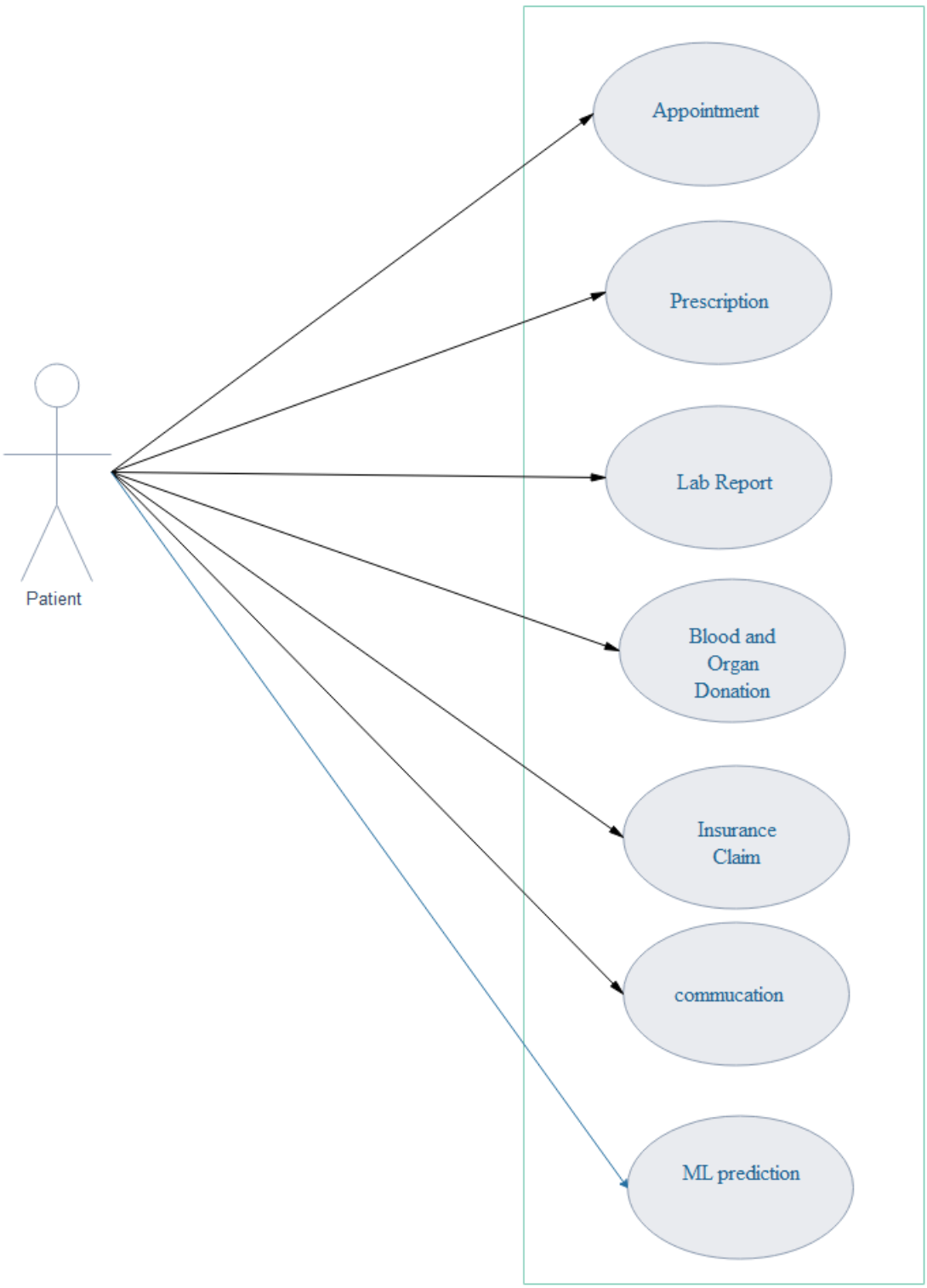
UML Diagram

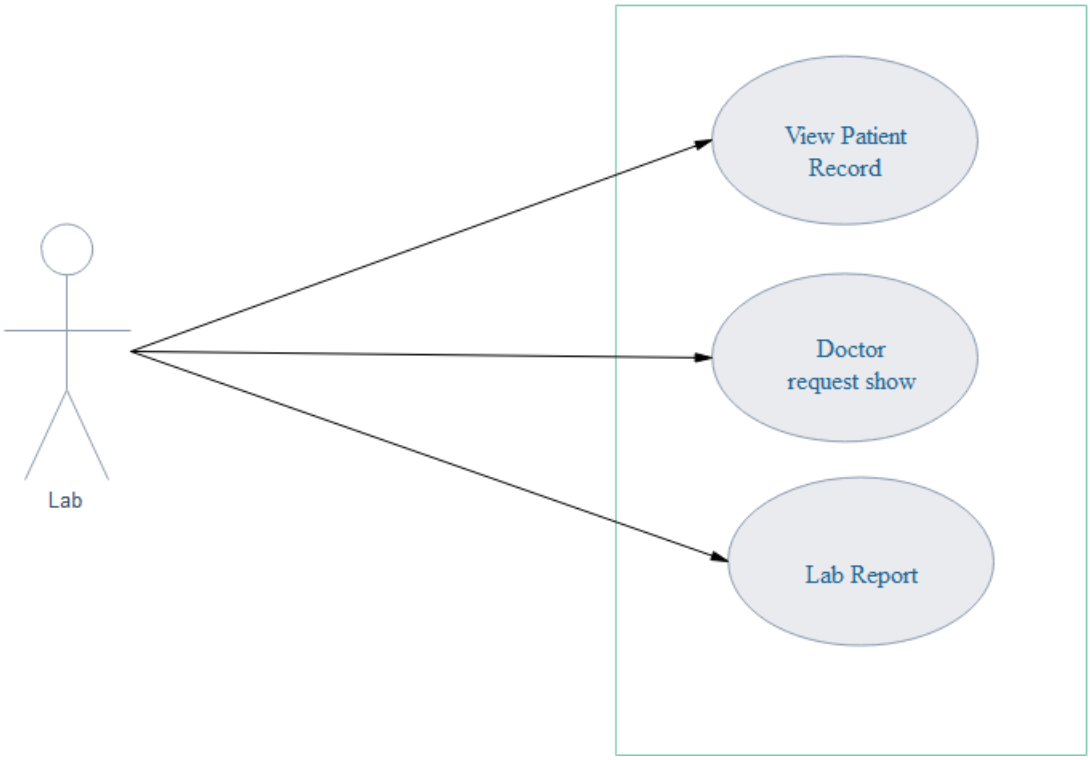
Use case

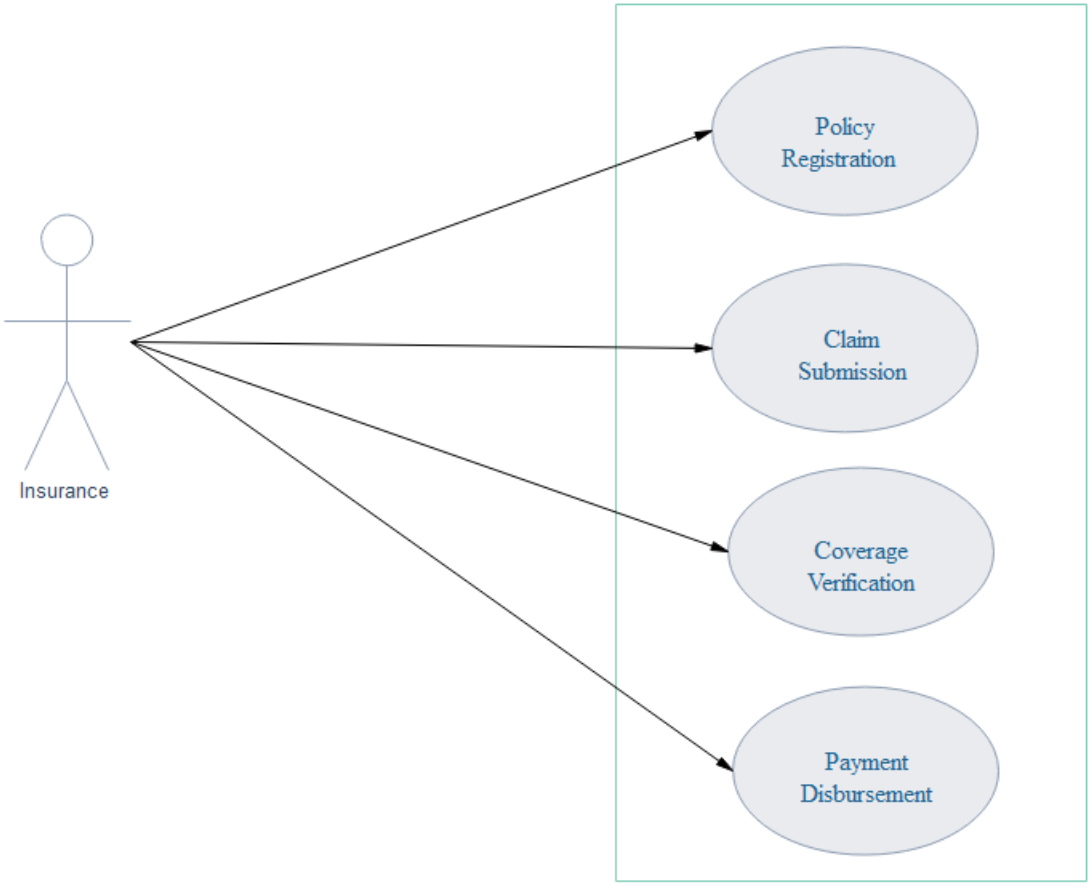



Hospital
View Patient
View Doctor
Lab management
Blood and Organ Donation
Insurance Claim
Appointment shows


Prescription
Lab Report
Blood and Organ Donation
Appointment shows
Transfer patient
Doctor

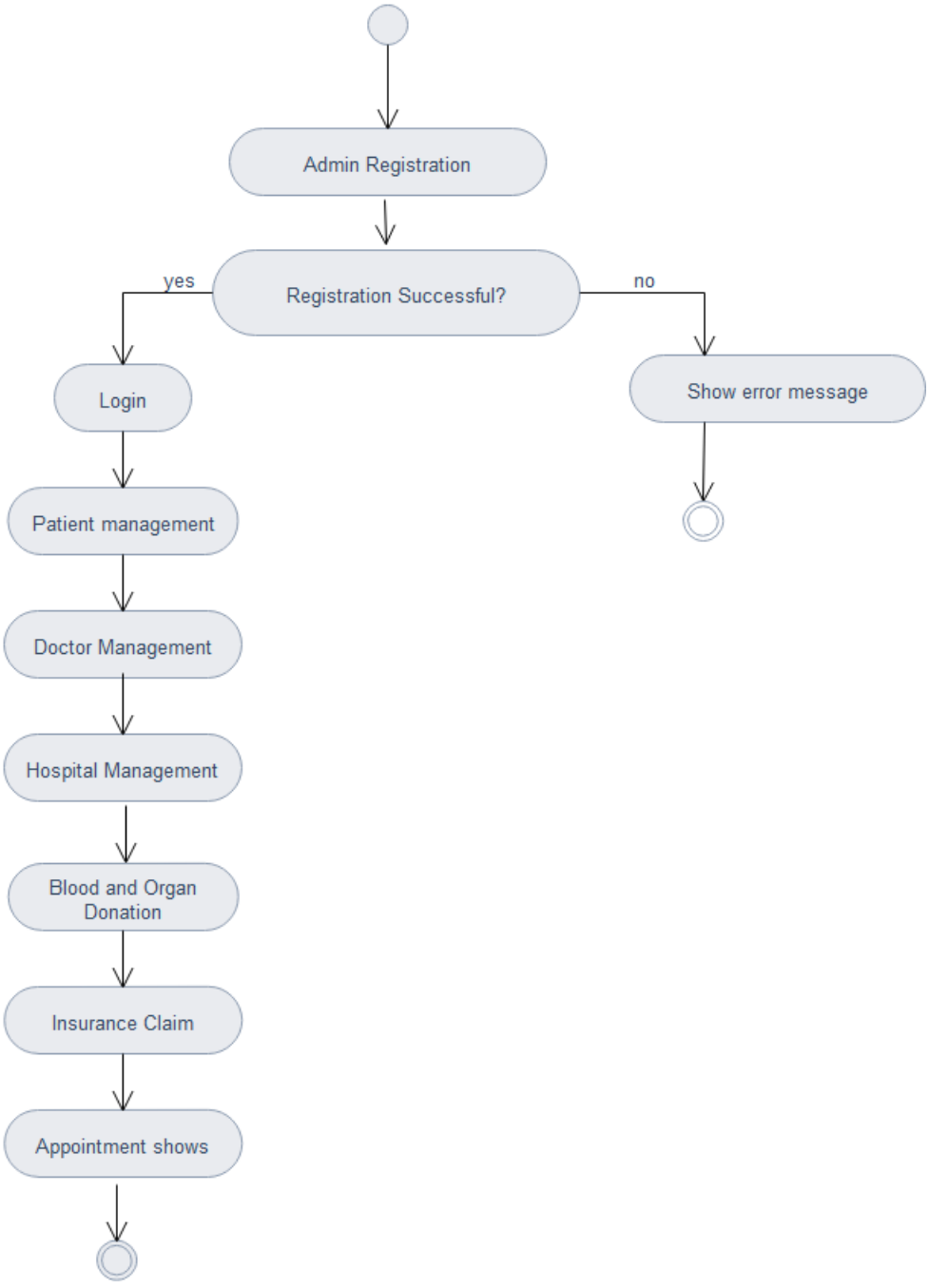

Patient
Appointment
Prescription
Lab Report
Blood and Organ Donation
Insurance Claim
commucation
ML prediction


View Patient Record
Doctor request show
Lab Report
Lab

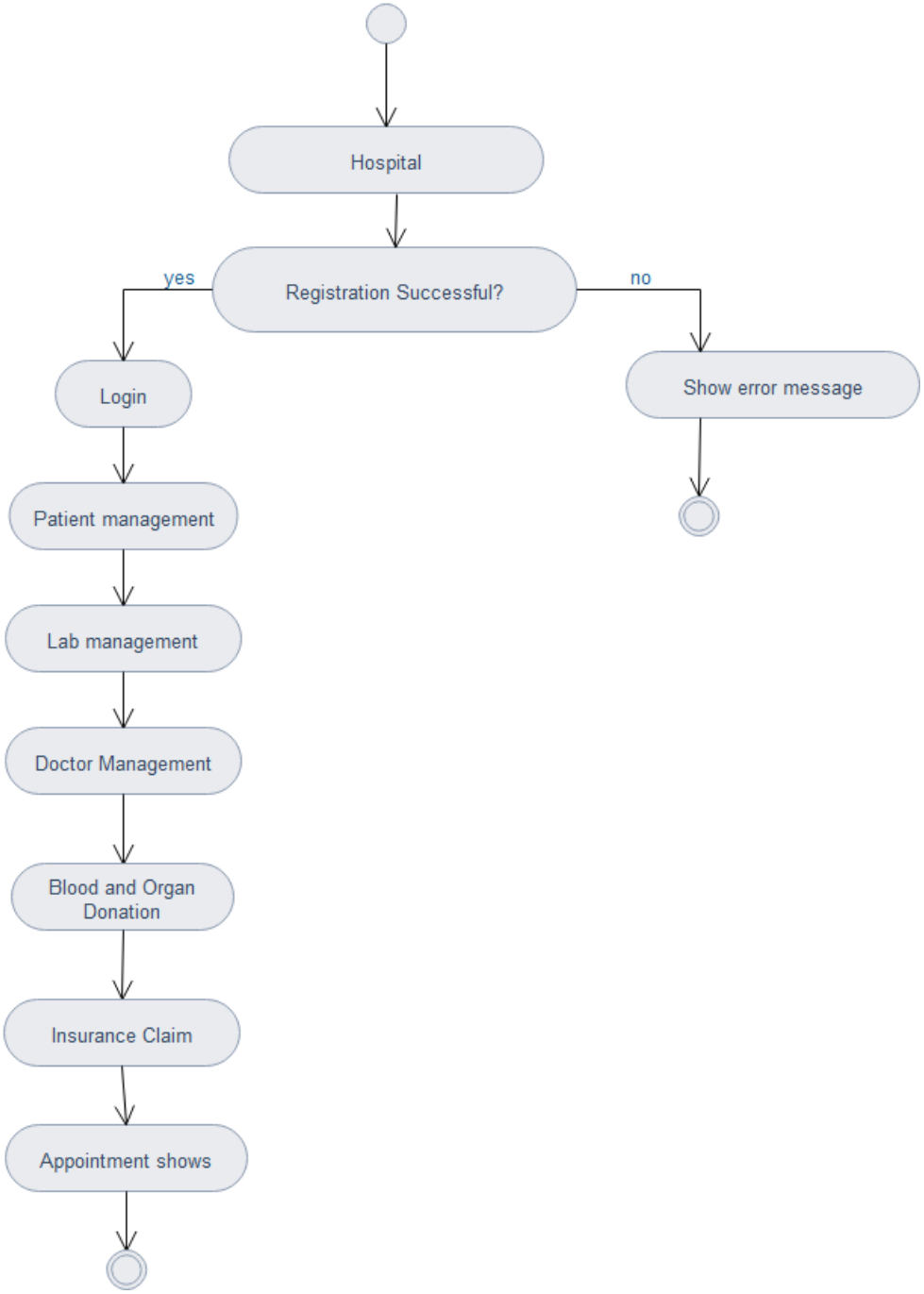

Insurance
Policy Registration
Claim Submission
Coverage Verification
Payment Disbursement

Activity Diagram

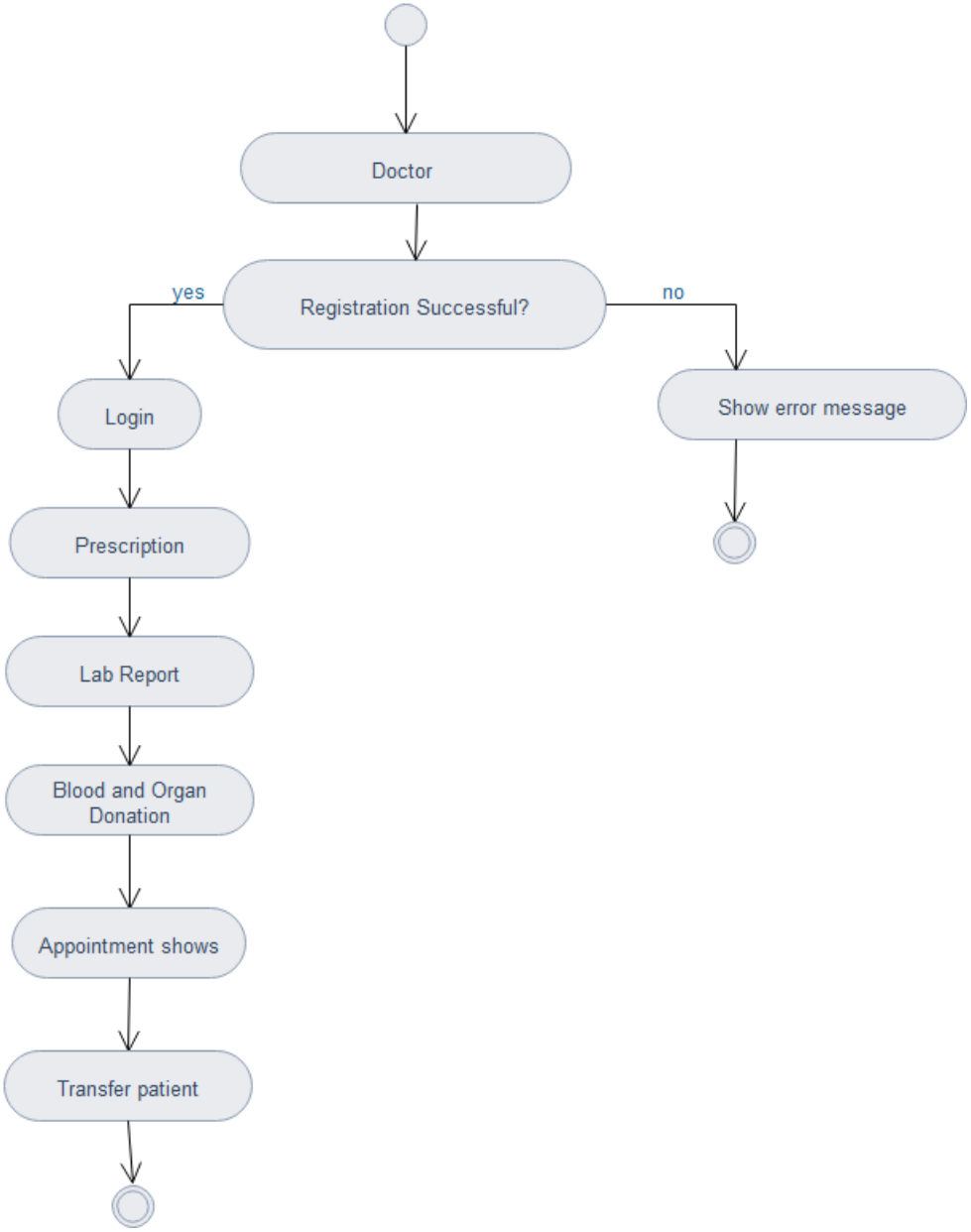
Admin



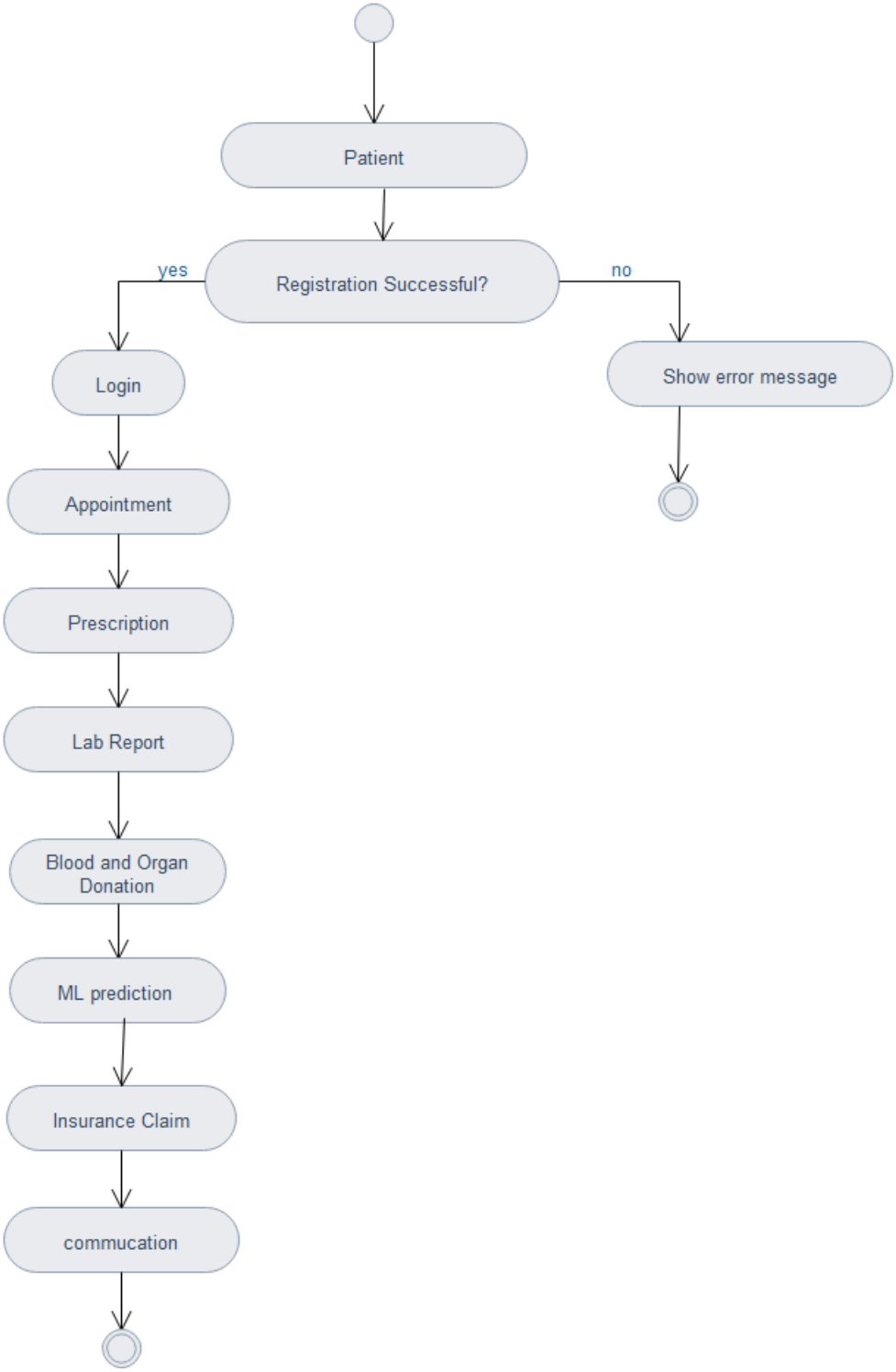
Hospital


Hospital
Registration Successful?
yes
no
Login
Show error message
Patient management
Lab management
Doctor Management
Blood and Organ Donation
Insurance Claim
Appointment shows

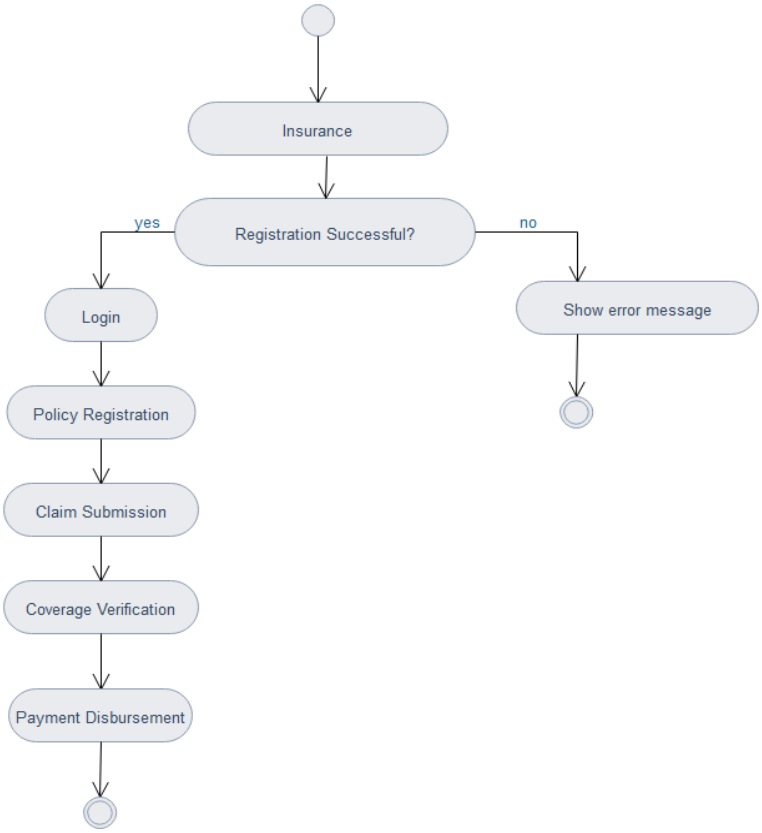
Doctor


Doctor
Registration Successful?
yes
no
Login
Show error message
Prescription
Lab Report
Blood and Organ Donation
Appointment shows
Transfer patient

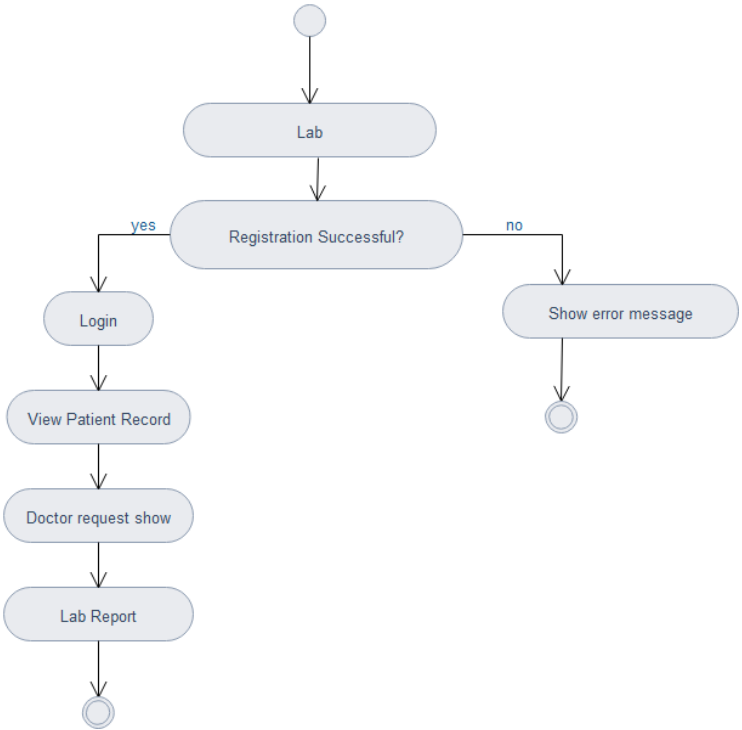
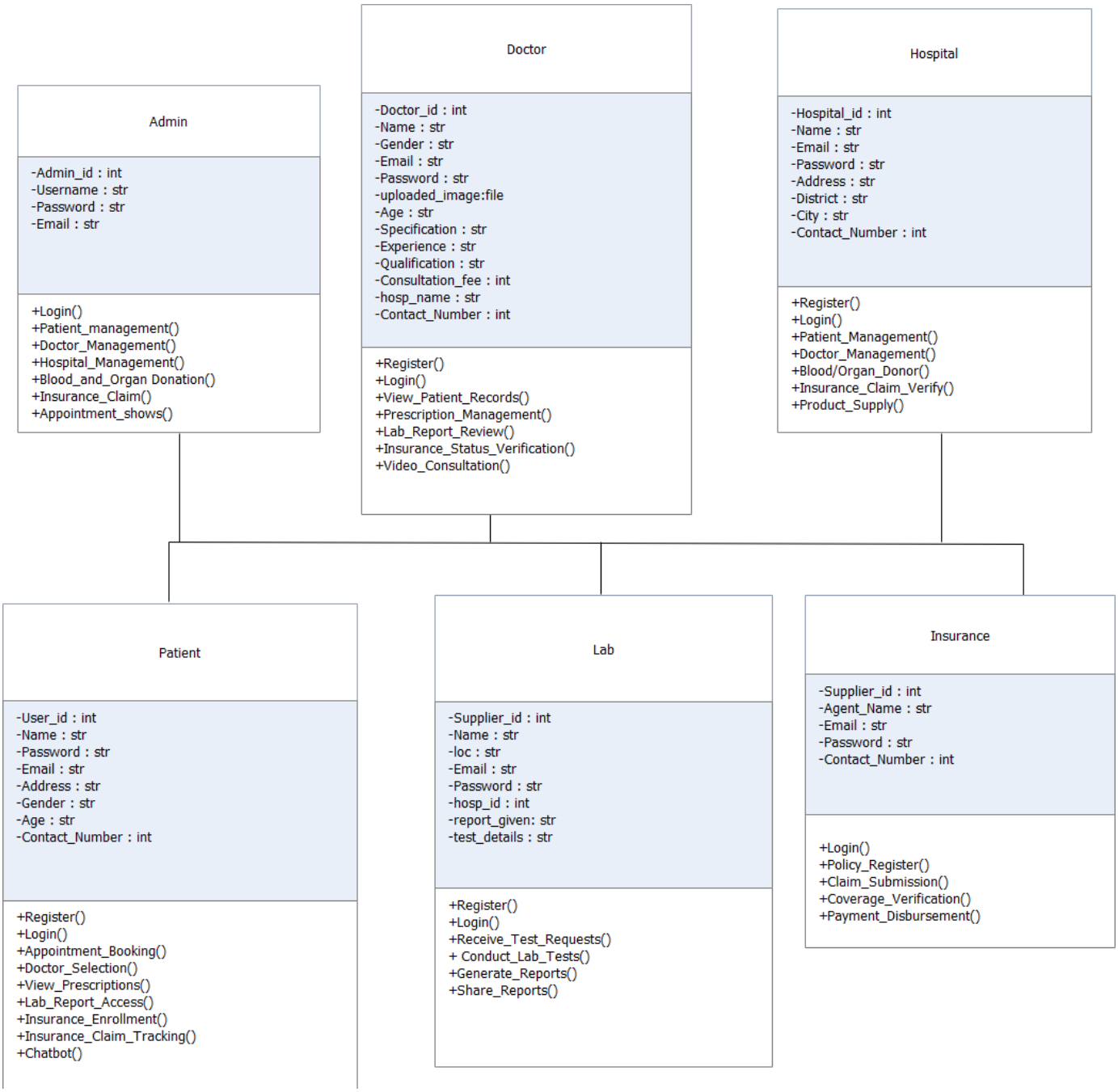
Patient


Patient
Registration Successful?
yes
no
Login
Show error message
Appointment
Prescription
Lab Report
Blood and Organ Donation
ML prediction
Insurance Claim
commucation

Insurance



Lab



Class Diagram