AISSMS
COLLEGE OF ENGINEERING
ज्ञानम् सकलजनहिताय
Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra,
Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC
(Id.No. PU / PN/ Engg. / 093 (1992)
(Accredited by NAAC with grade A+)

Laboratory Practical - 4
OOMD Mini Project Report

5th November 2022

GROUP MEMBERS

Pratik Pingale 19CO056

AIM

Hospital Management System [HMS] UML diagrams.

PROBLEM STATEMENT

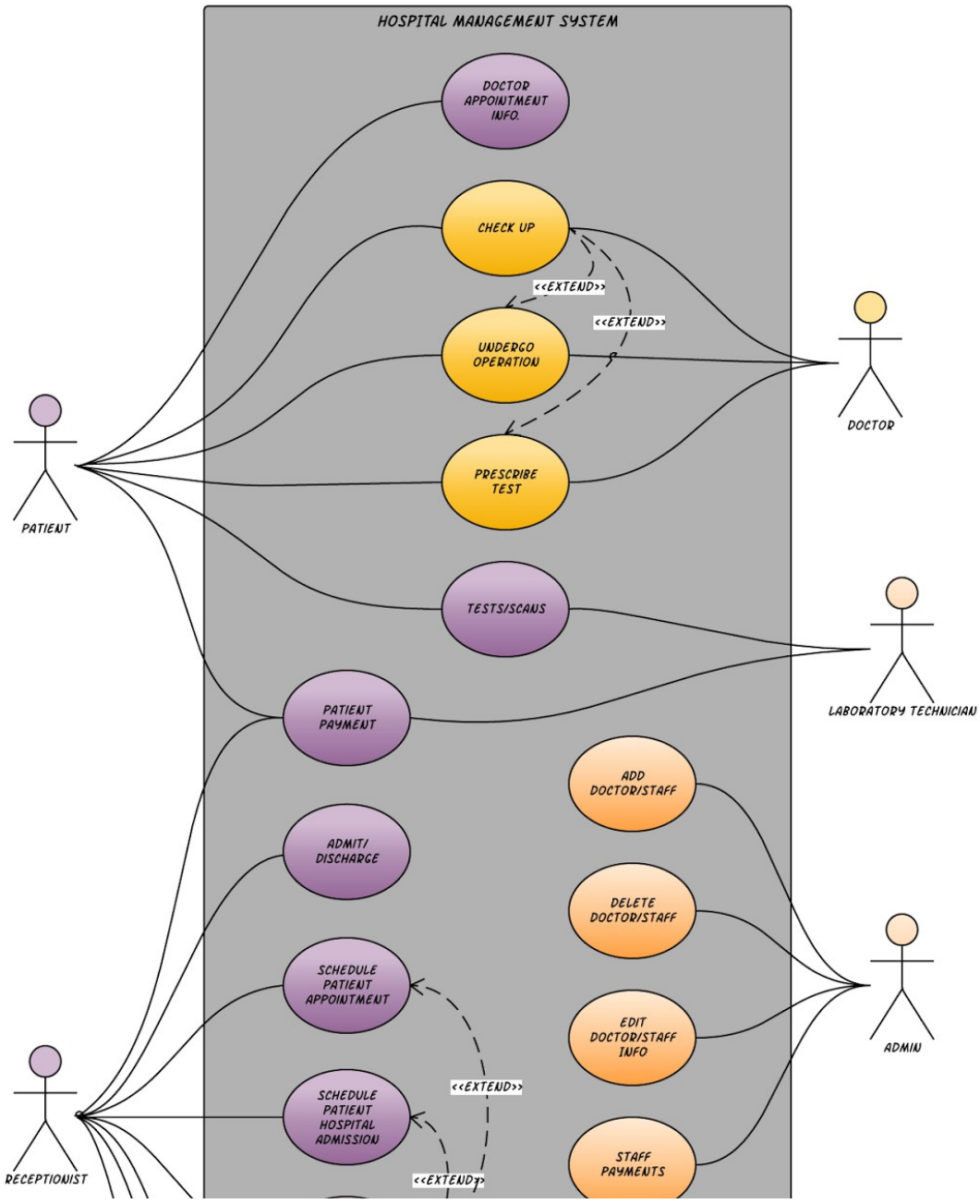
Develop an application for health-related medical records. Draw all the UML Diagrams for the Hospital Management System.

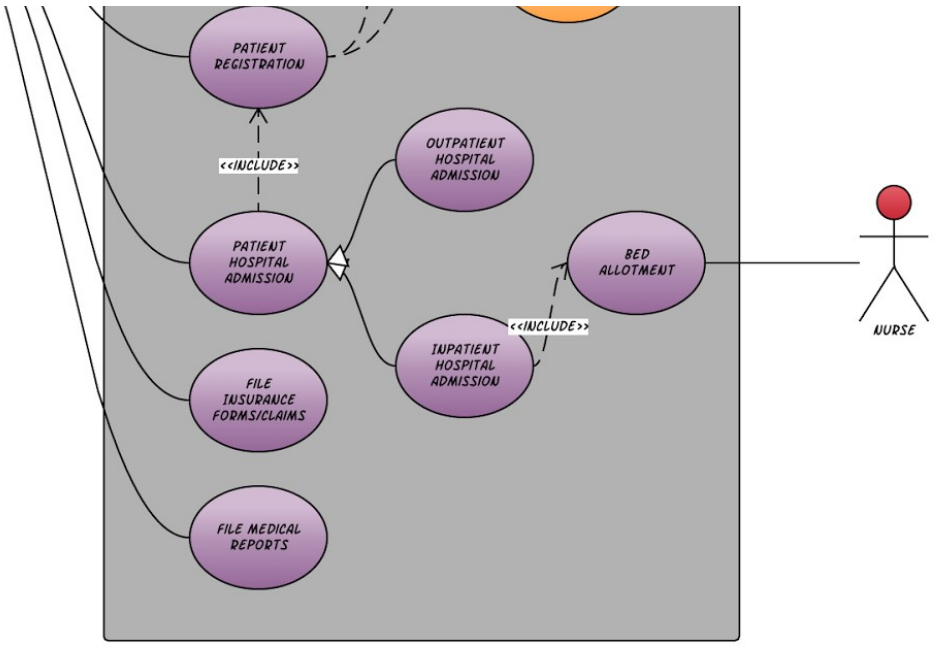
REQUIREMENT

MongoDB - Database
Express - Server Framework
NodeJs - Server Environment
GIMP - An advanced picture editor.
Selenium - An open-source umbrella project for a range of tools and libraries aimed at supporting browser automation

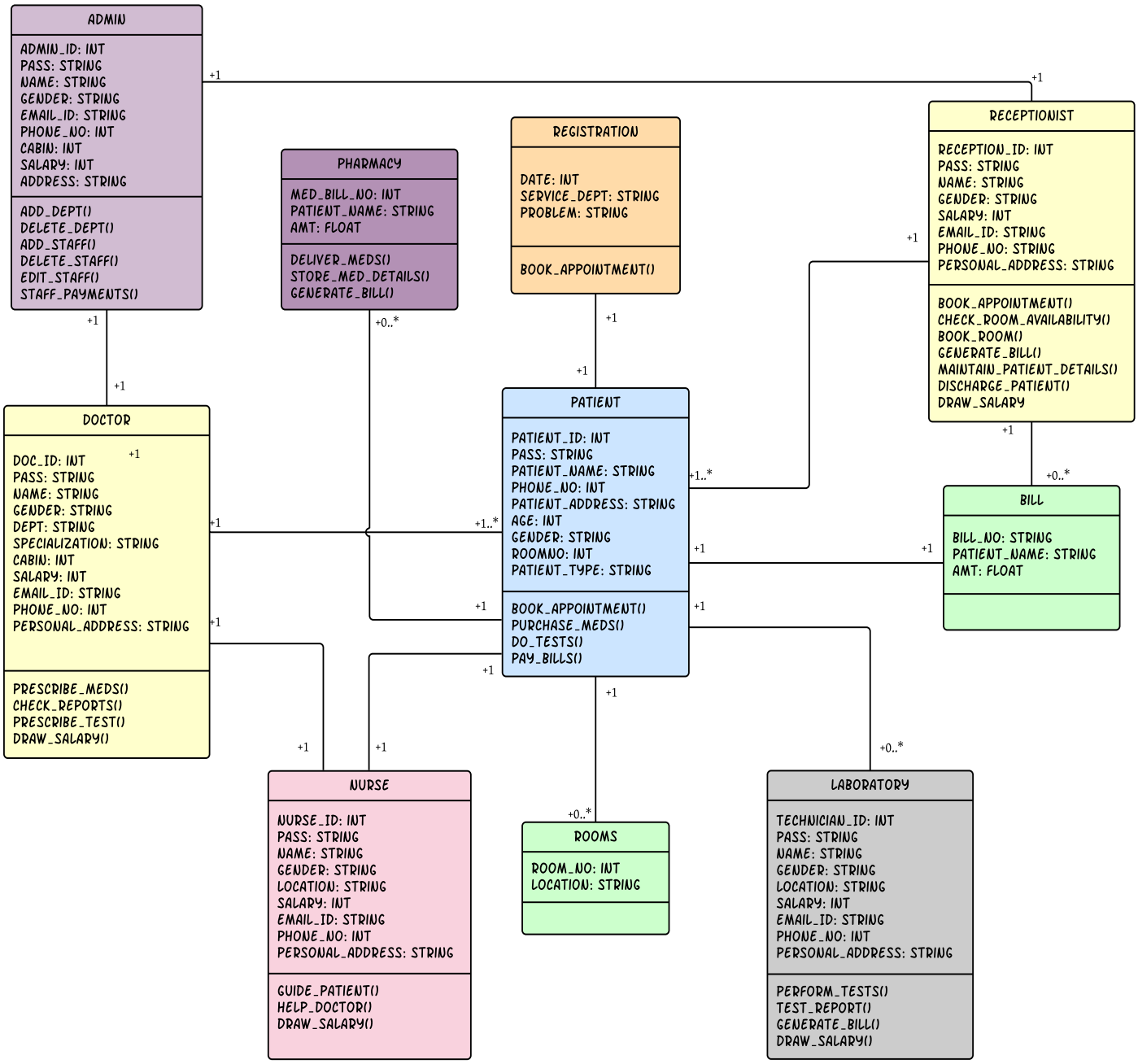
Hospital Management System

Use Case Diagram

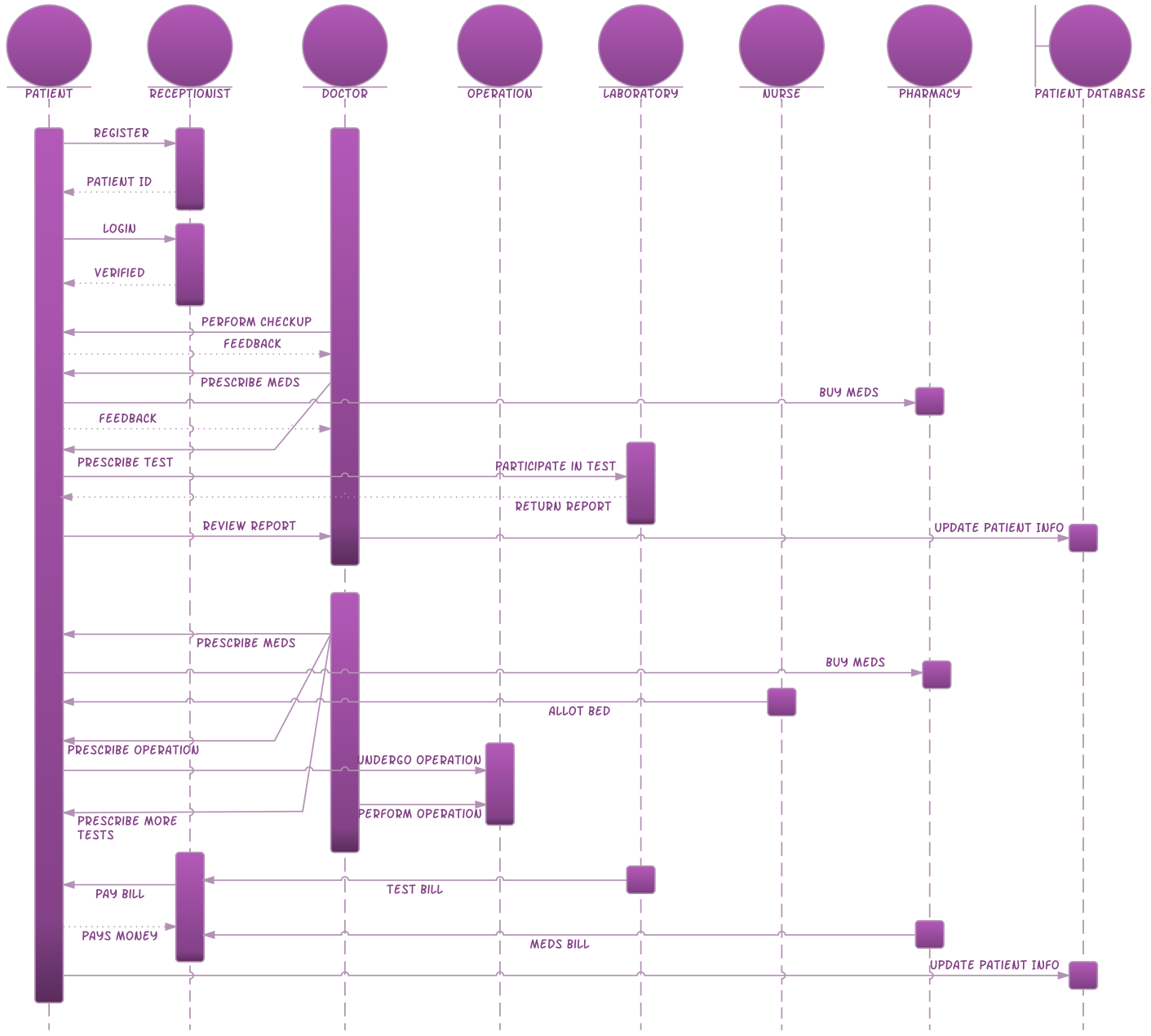



PATIENT REGISTRATION
<<INCLUDE>>
OUTPATIENT HOSPITAL ADMISSION
PATIENT HOSPITAL ADMISSION
BED ALLOTMENT
<<INCLUDE>>
INPATIENT HOSPITAL ADMISSION
NURSE
FILE INSURANCE FORMS/CLAIMS
FILE MEDICAL REPORTS

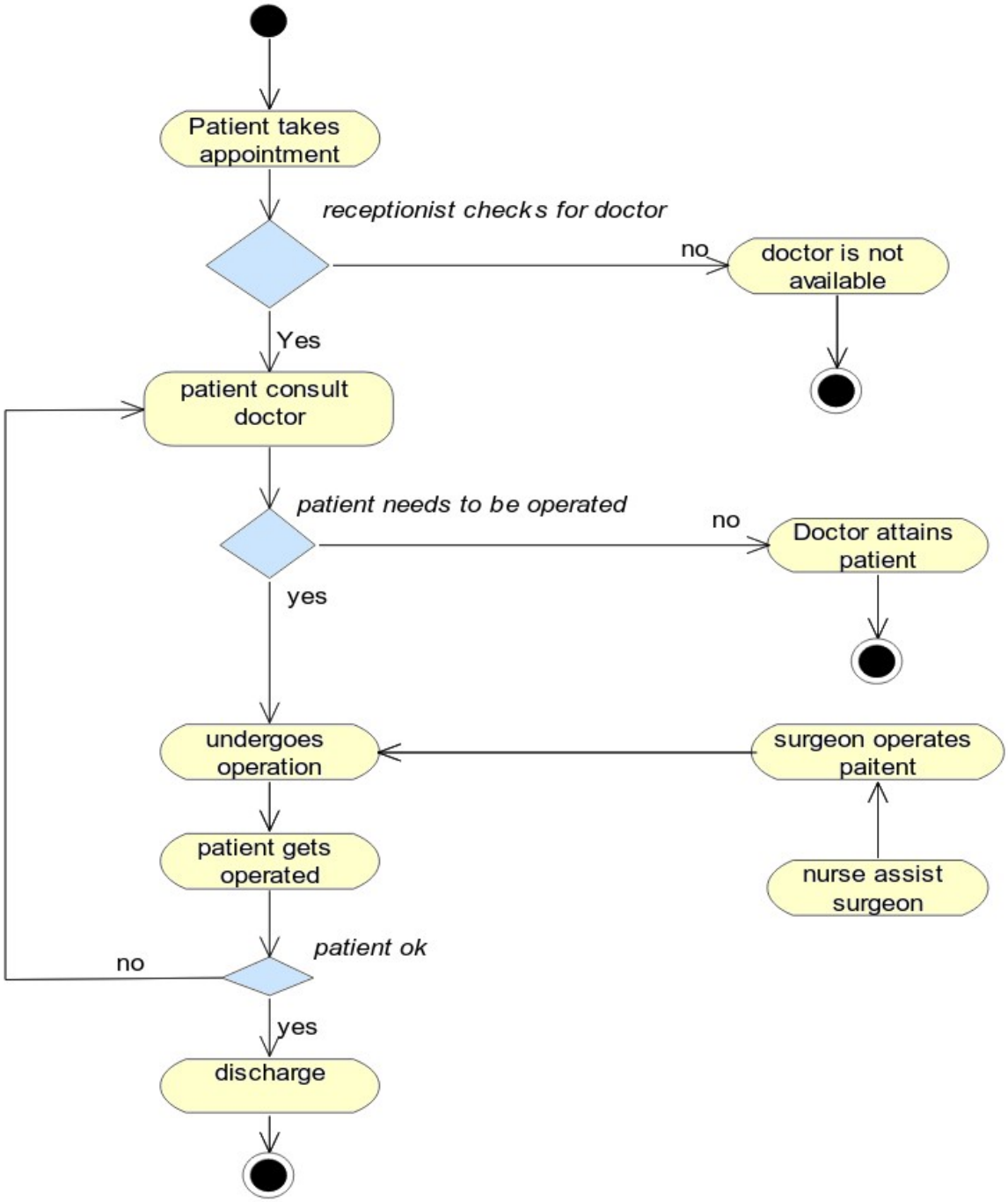
Class Diagram



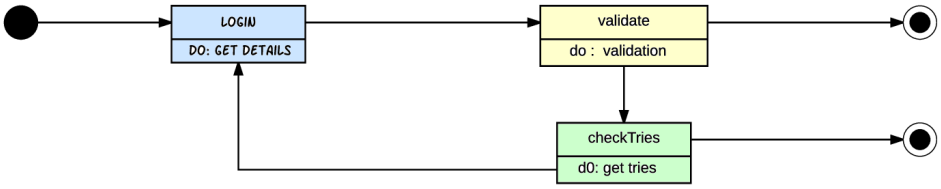
Sequence Diagram

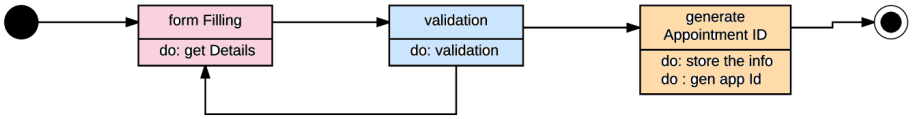


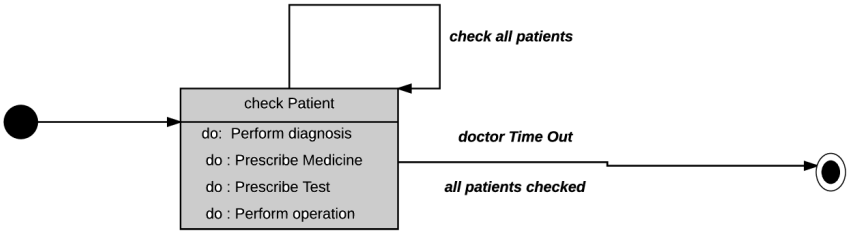
Activity Diagram

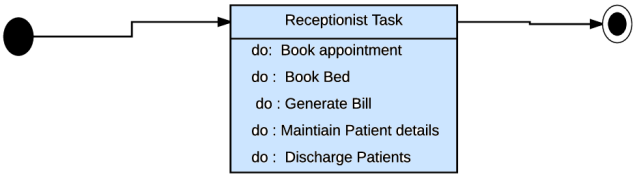


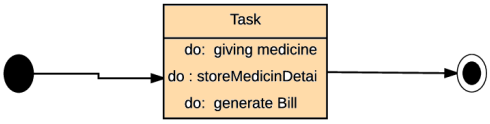
State Diagram

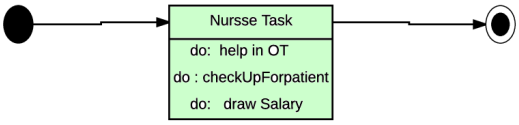


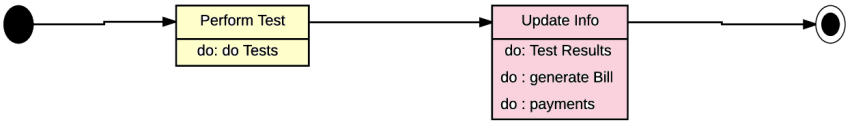


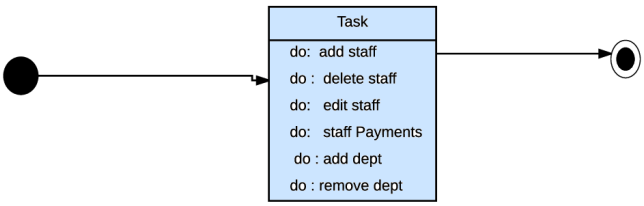




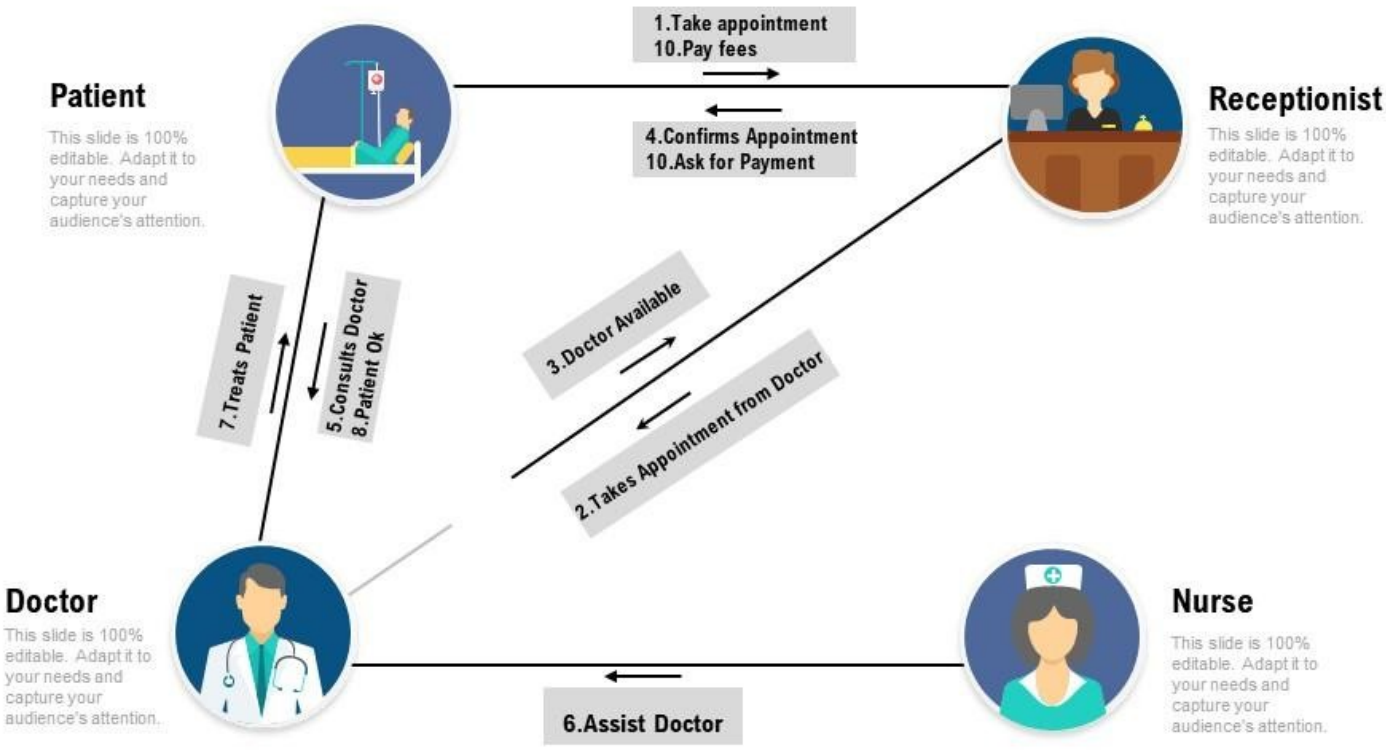




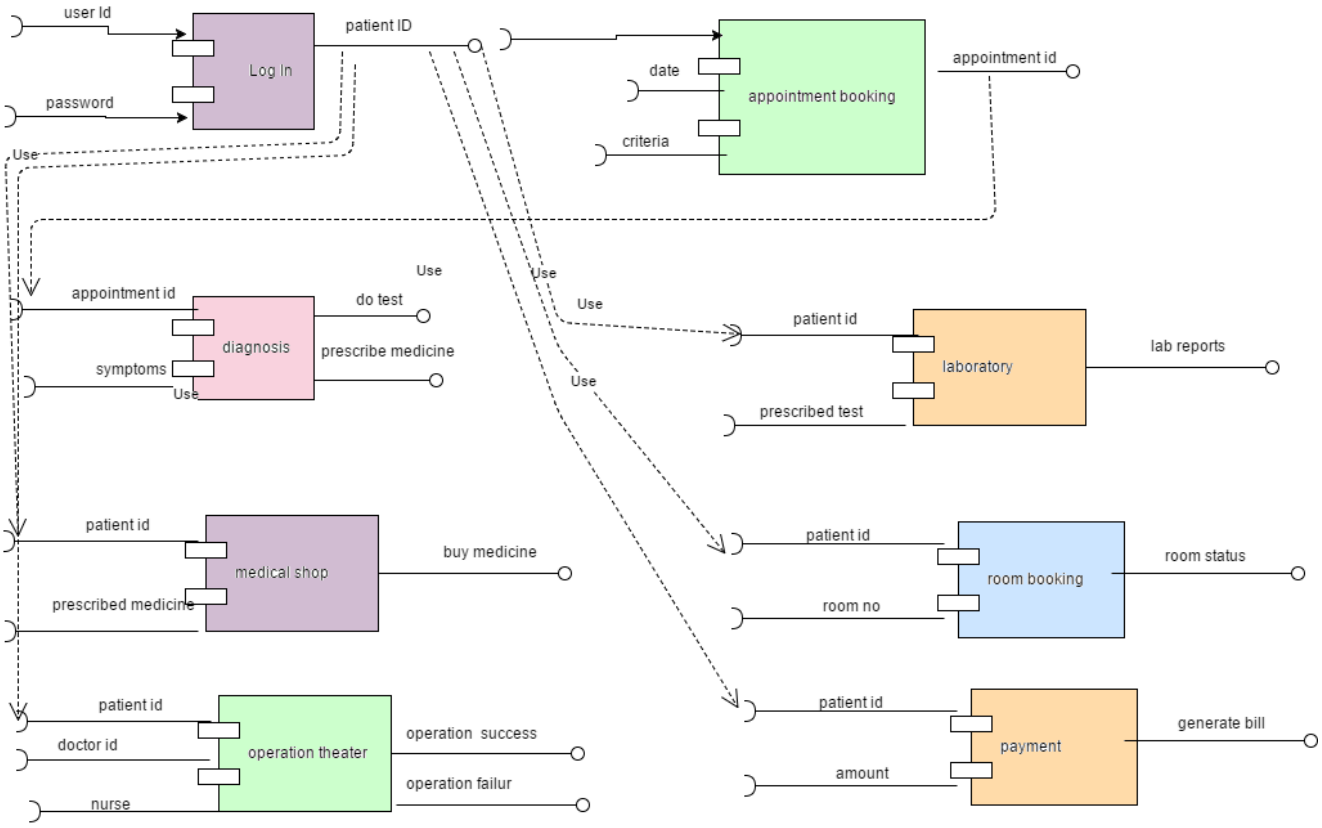




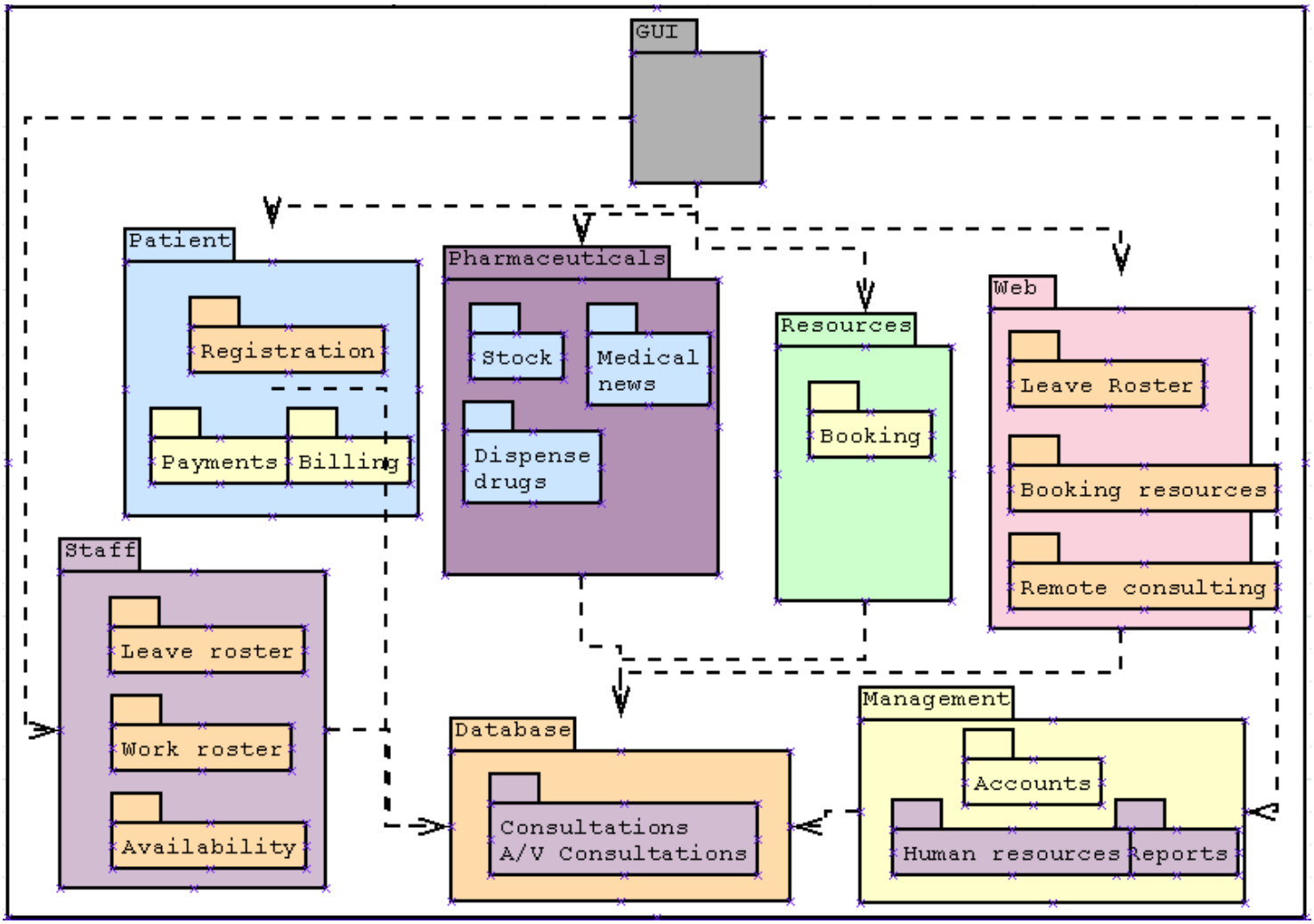
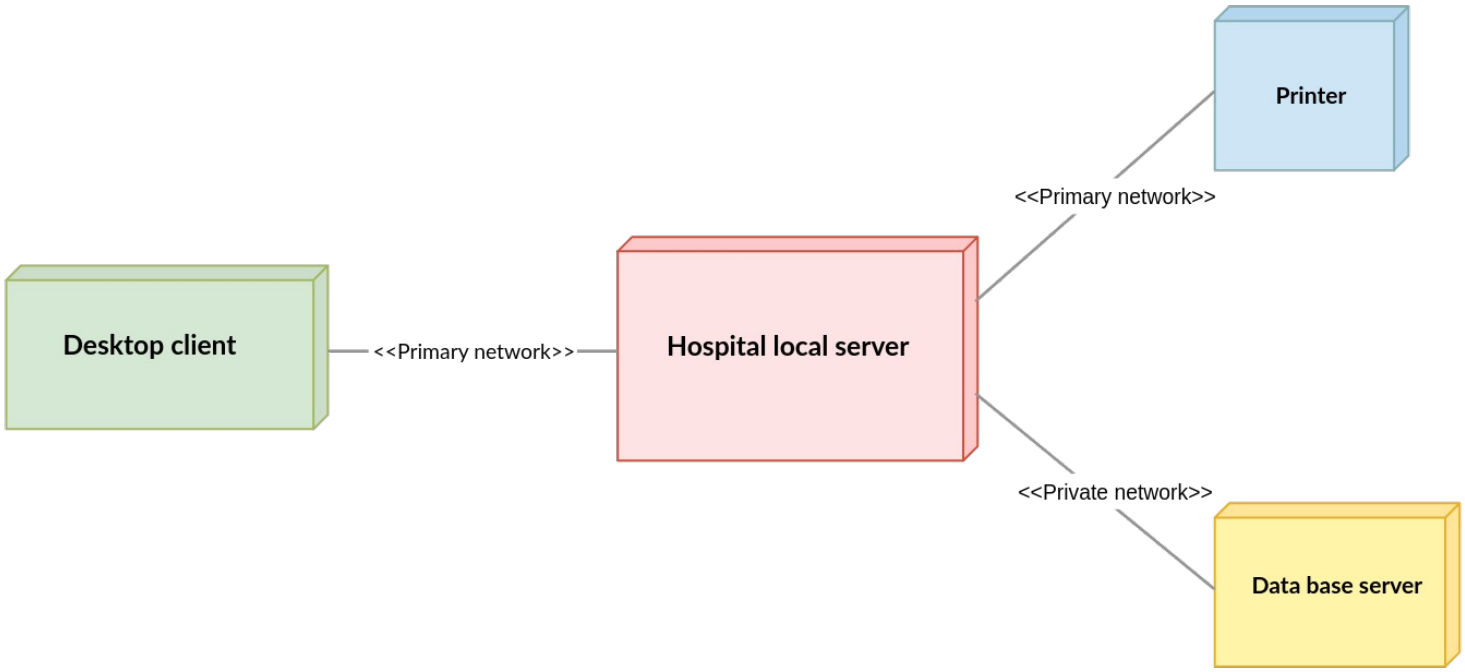
Collaboration Diagram



Component Diagram



Package Diagram



Deployment Diagram