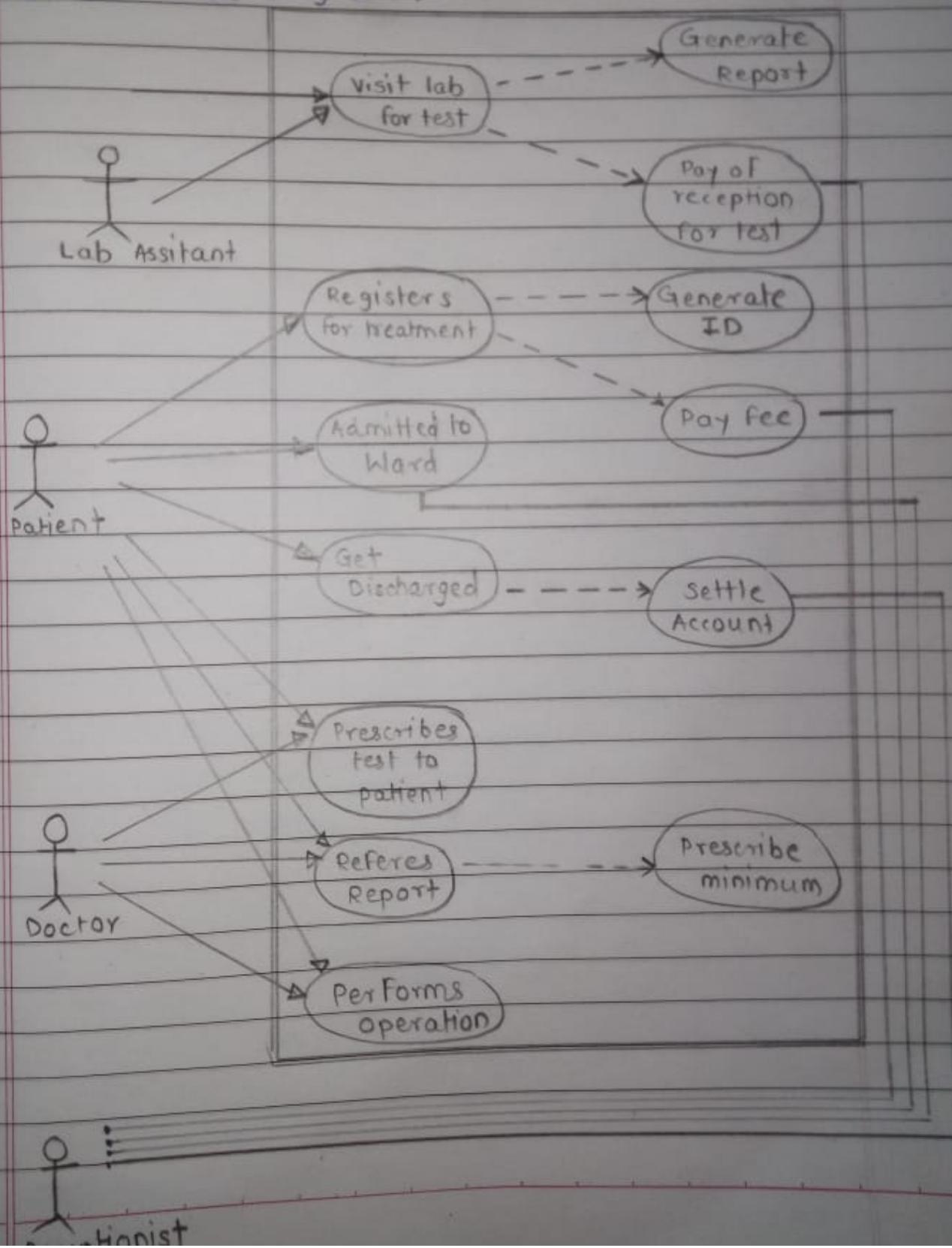


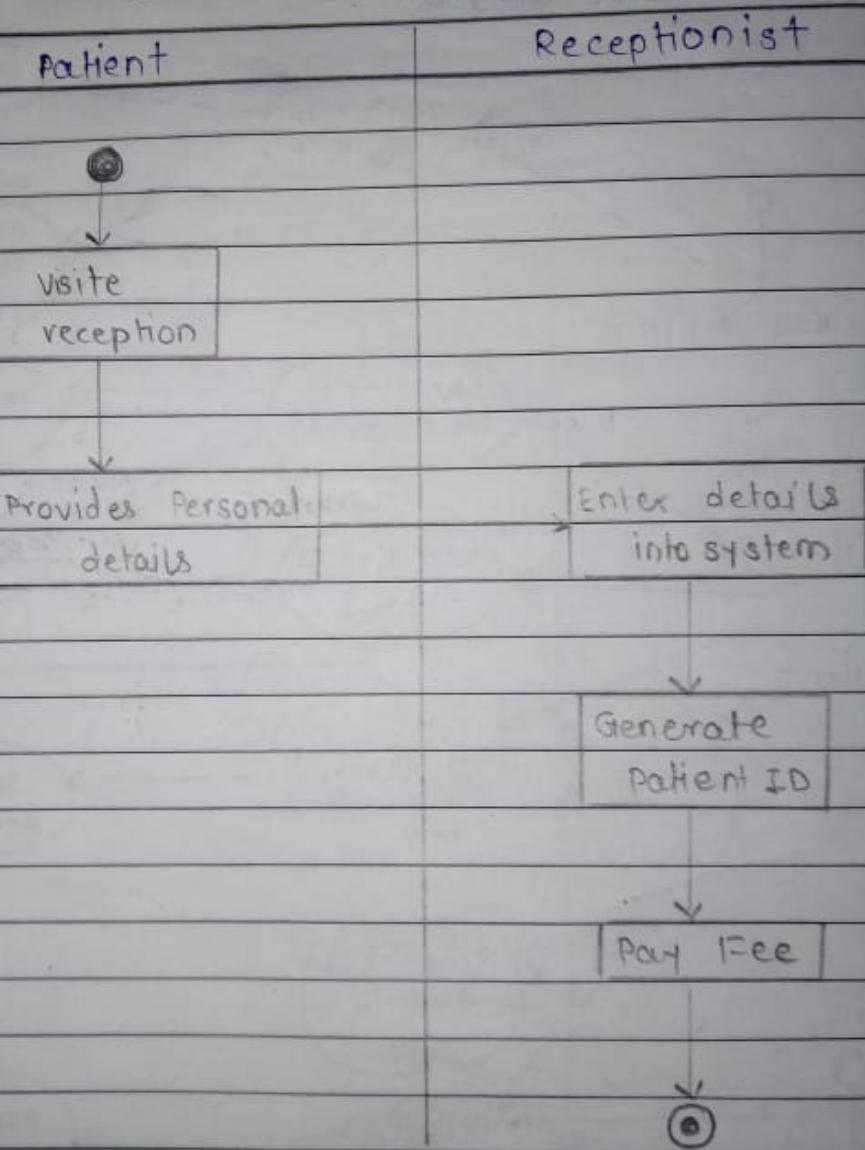
Create UML diagrams for Hospital Management System

① Use Case Diagram :-

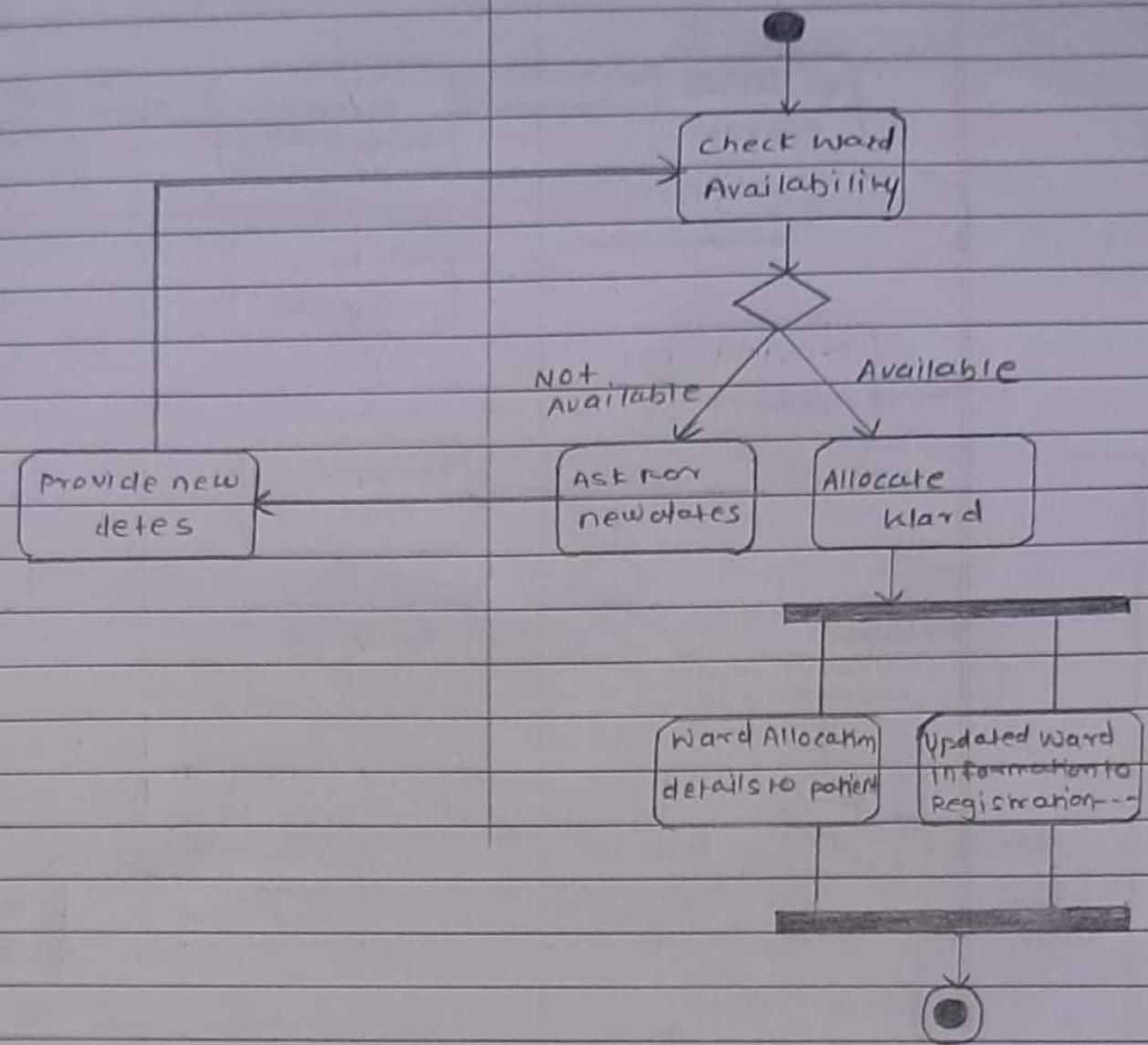


② Activity Diagram:

- ## • Activity Diagram for Registration :

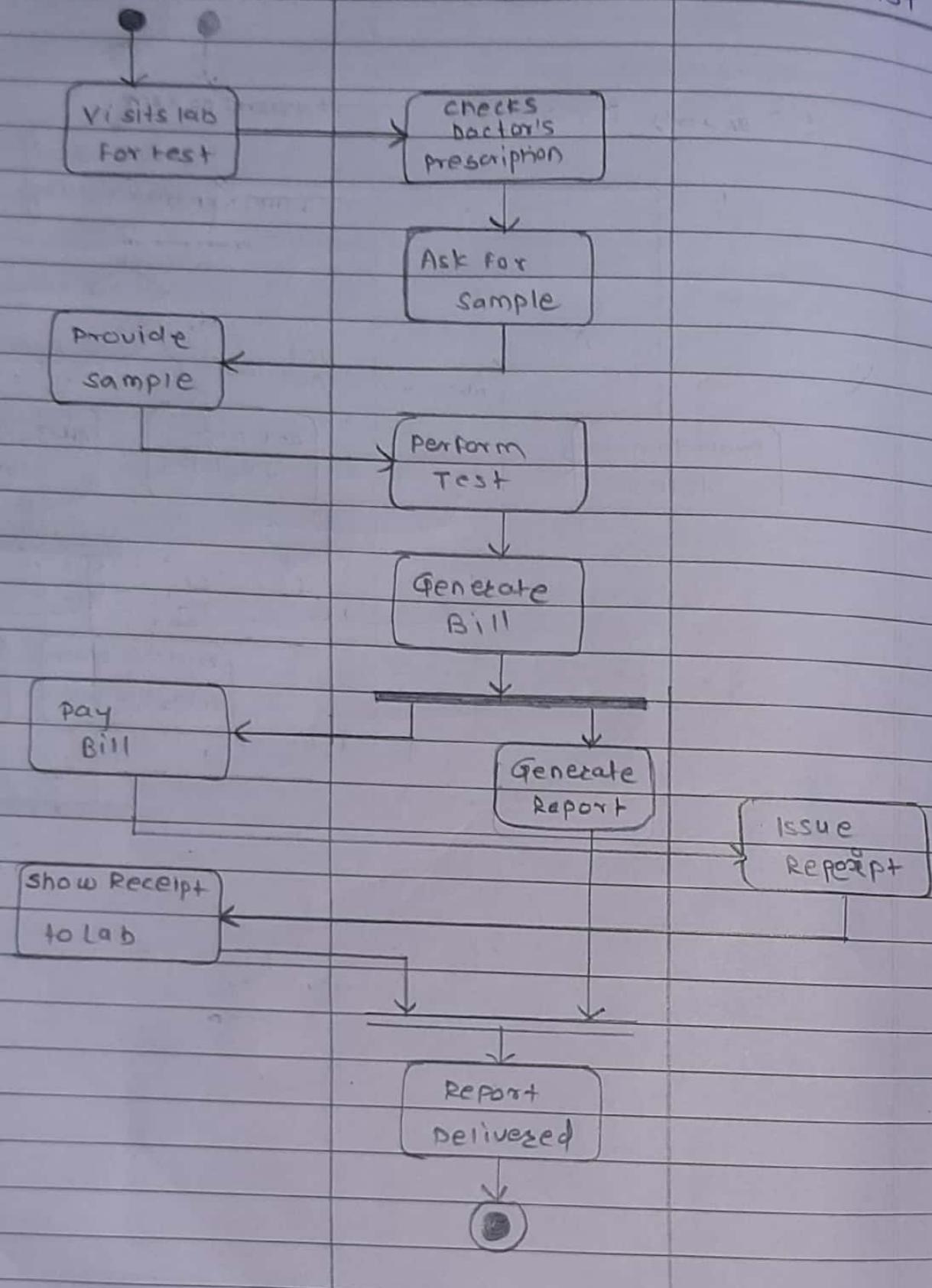


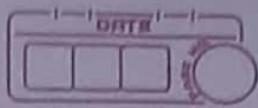
Activity Diagram for Ward Allocation



Activity Diagram for Tests to Perform

Patient | Lab Assistant | Receptionist





Activity Diagram for Treatment & Operation

Patient

Doctor

provide reports

visits patient

check Reports

Reports Positive

Reports Negative

check Test Requirement

Issue Discharge Advice

more tests required

Prescribe TEST

more tests not required

check Treatment requirement

operation required

Schedule operation

medicine required

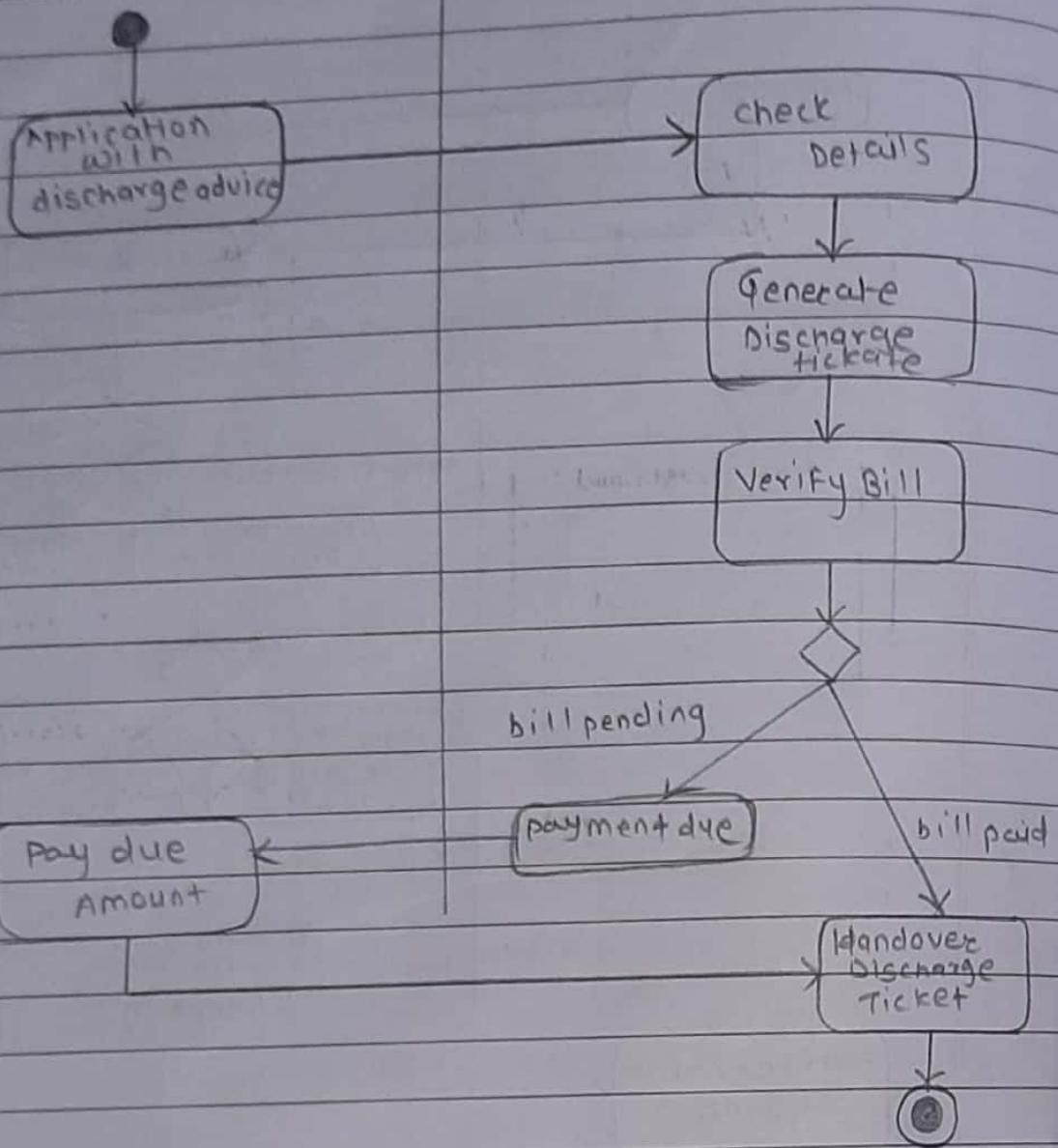
Prescribe medicine

Patient confirms operation

Performs operation

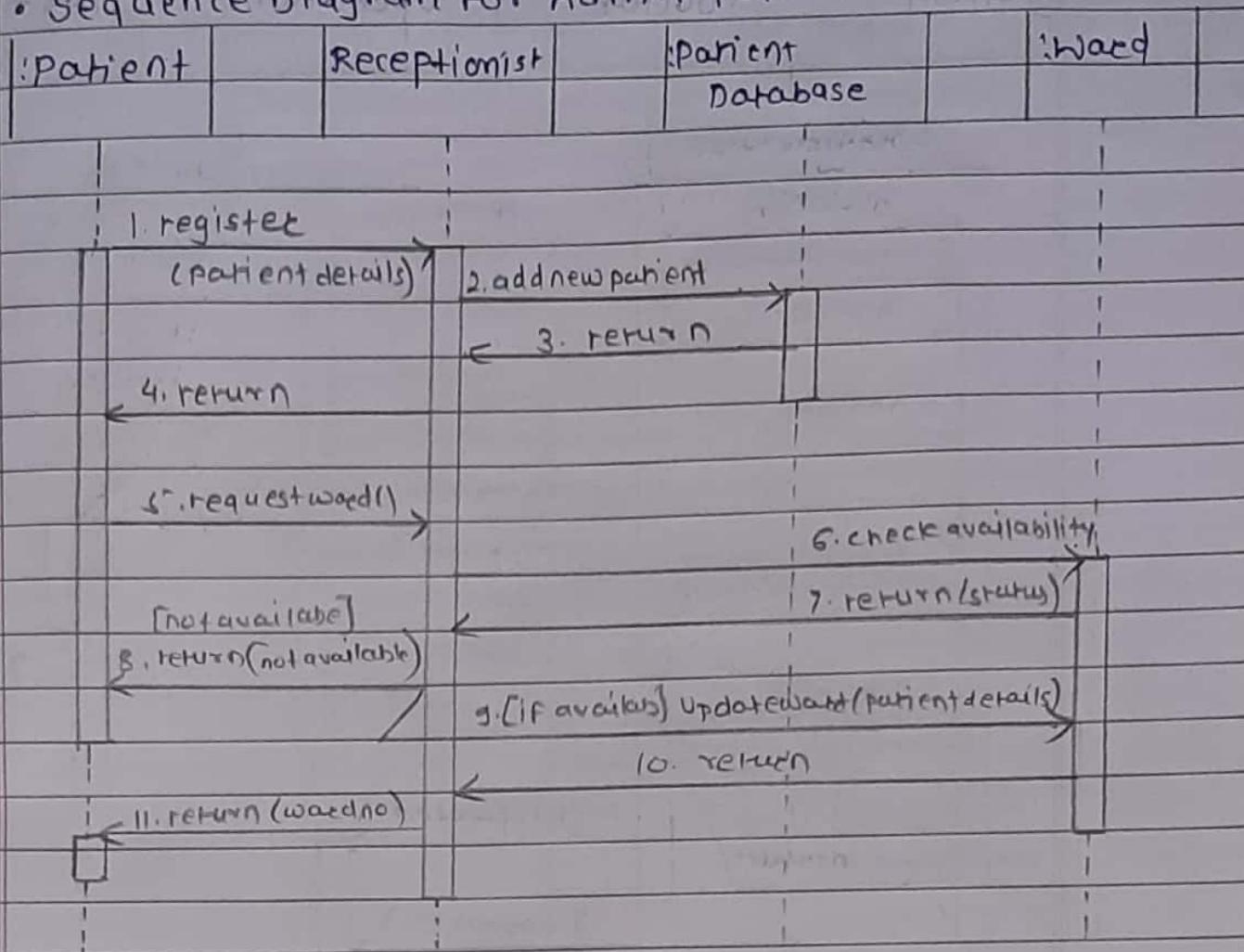


Activity Diagram for Discharge

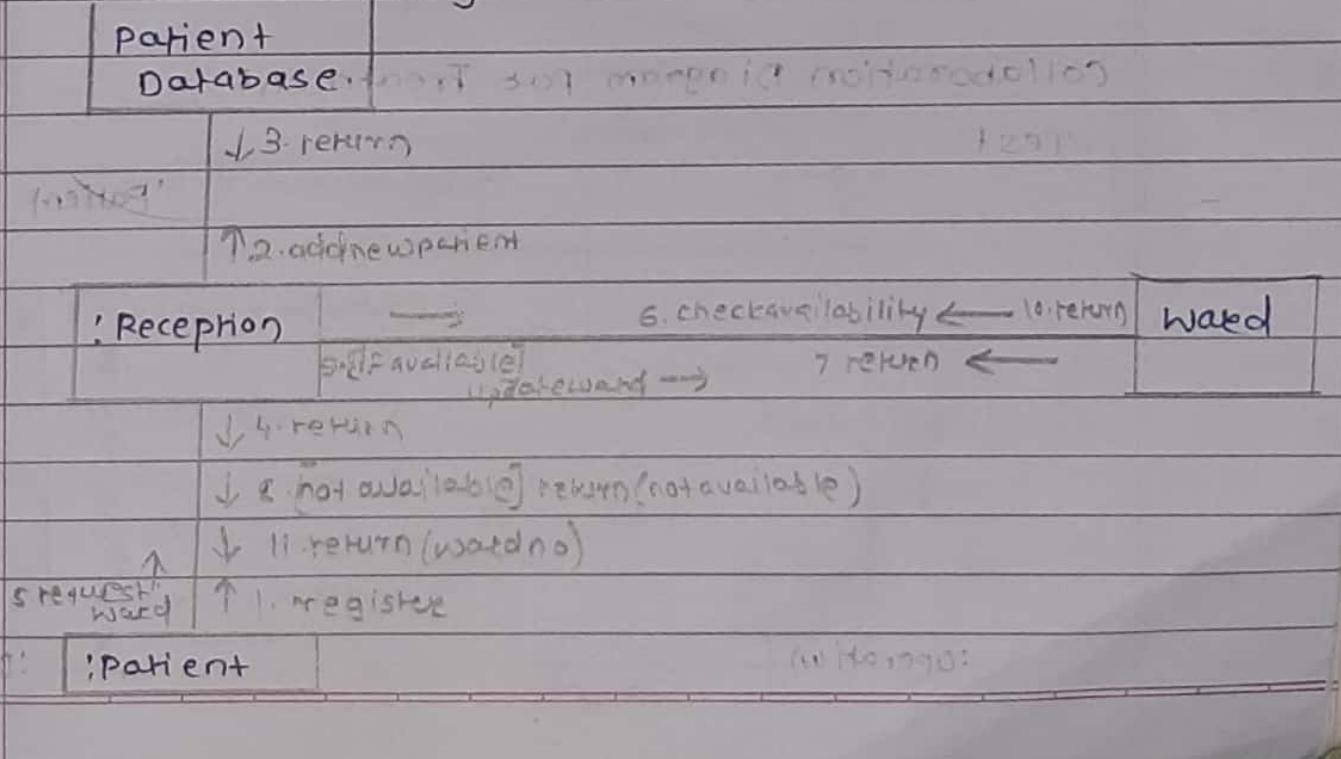


(3) Sequence Diagram:- not managed by hospital

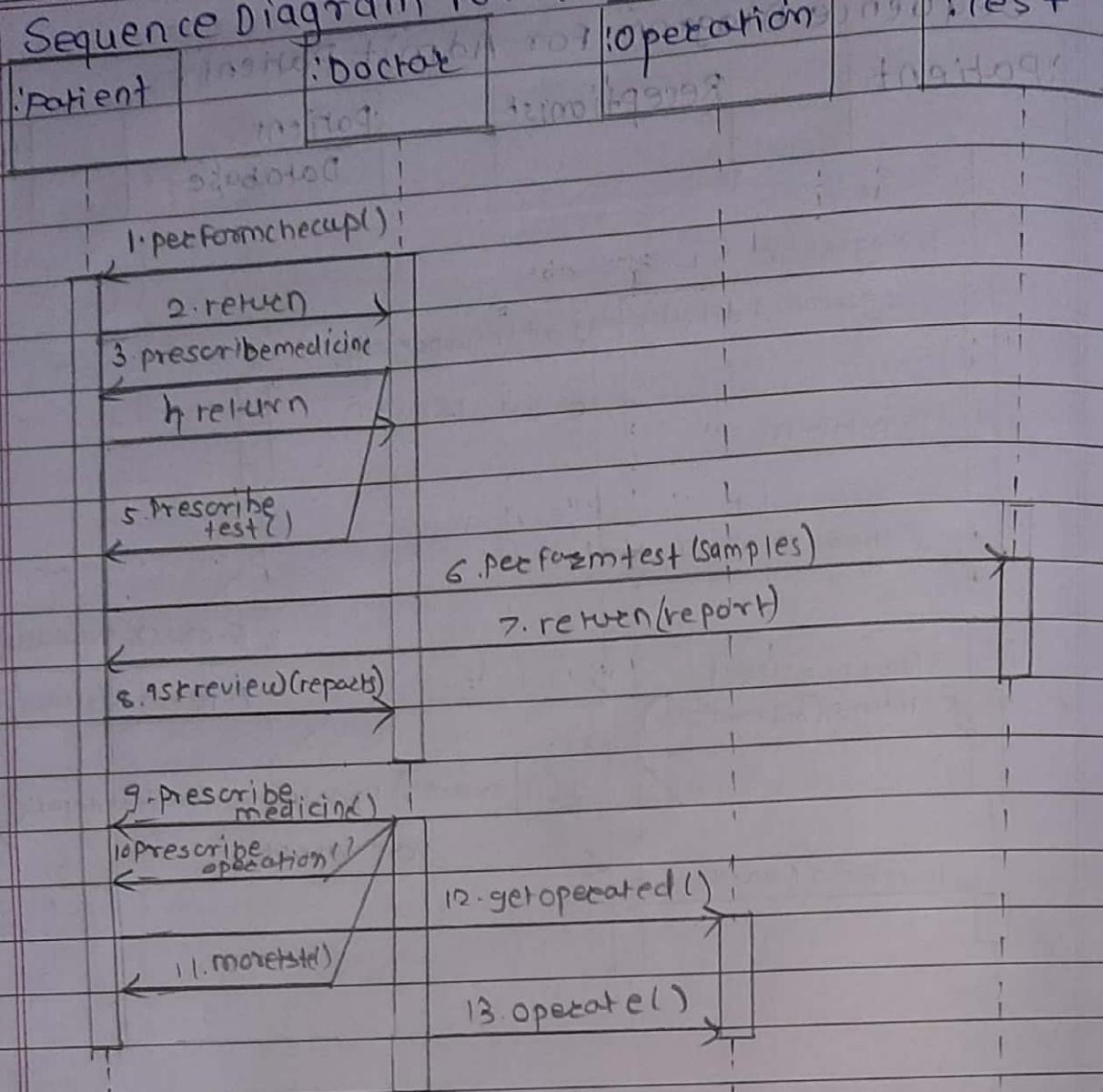
- Sequence Diagram for Admit Patient.



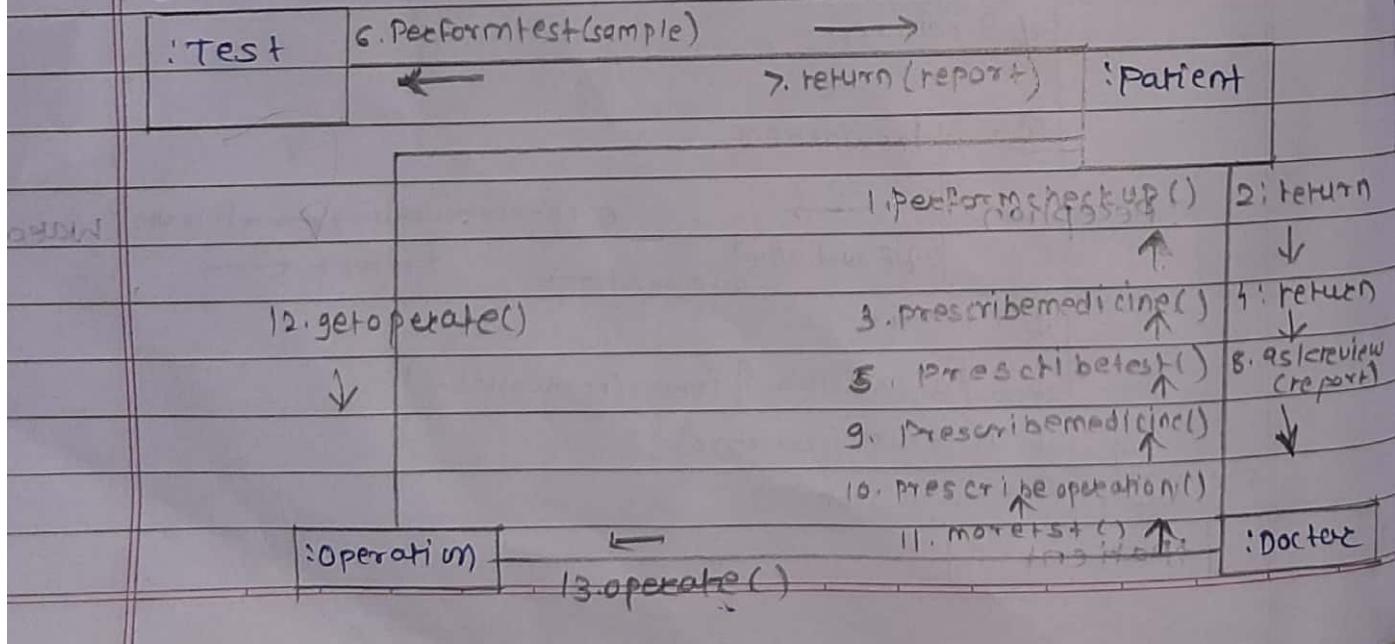
(4) Collaboration Diagram:- for Admit to Hospital



Sequence Diagram for Test & Operation



Collaboration Diagram for Treatment

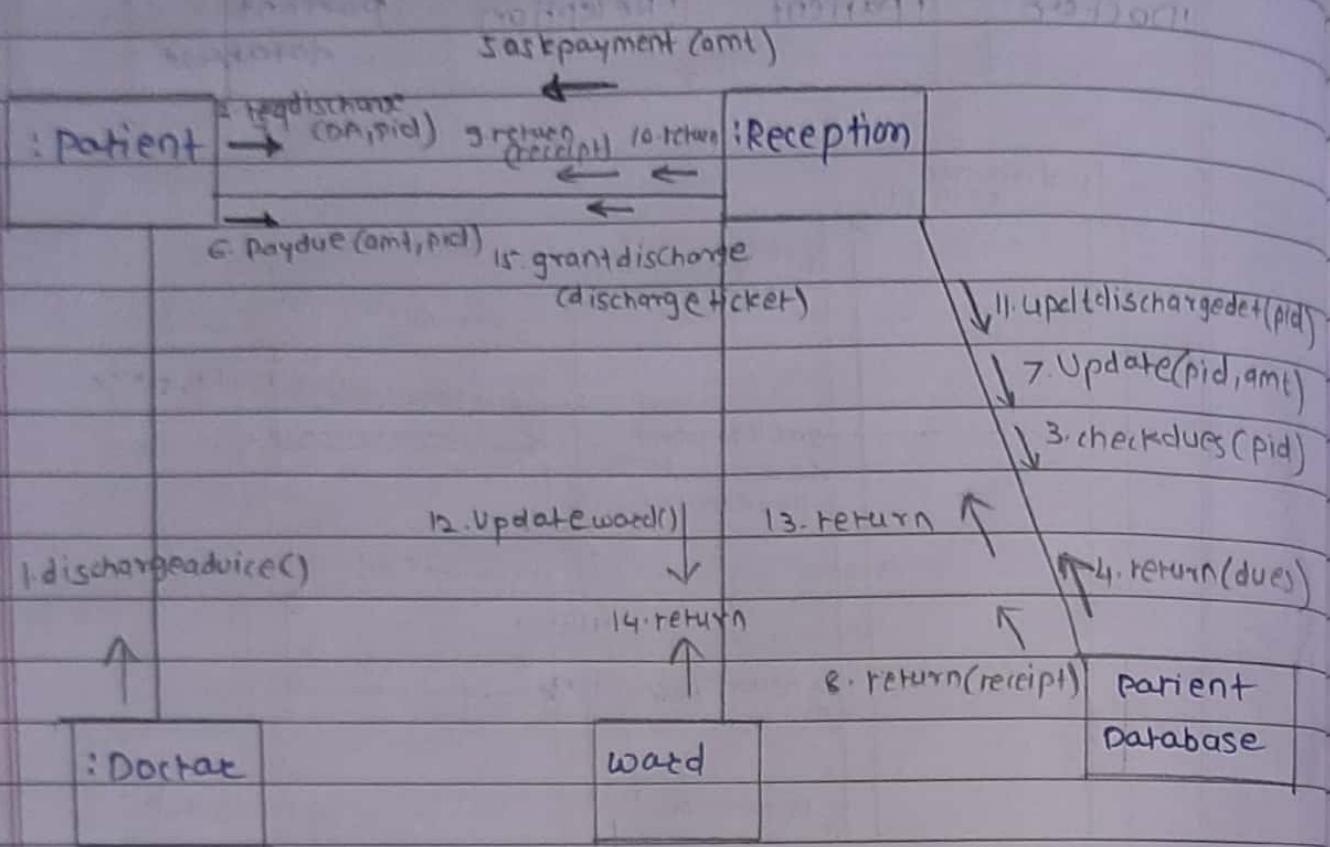


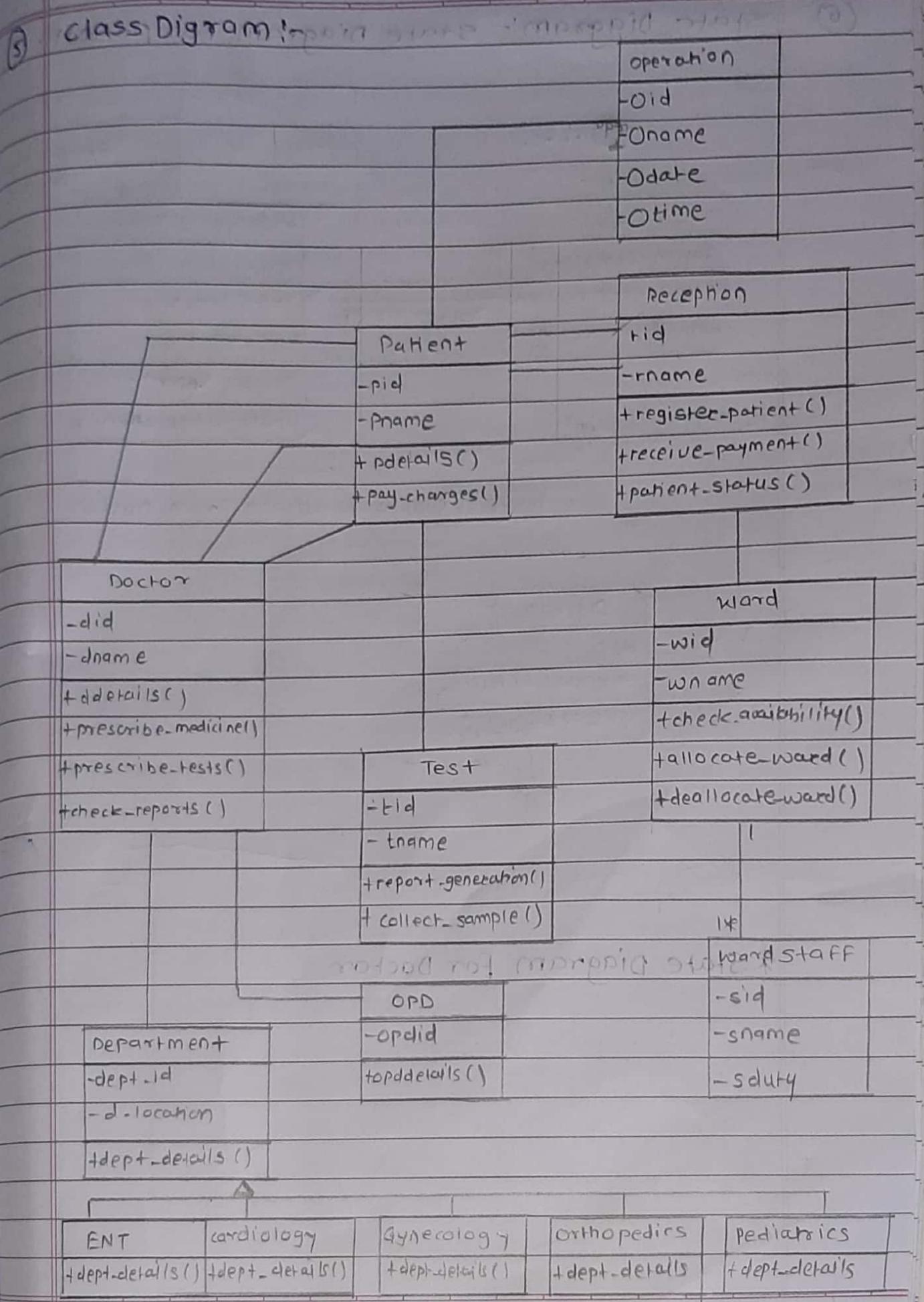
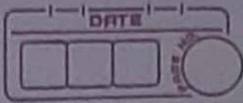
DATE

Sequence Diagram Discharge From Hospital



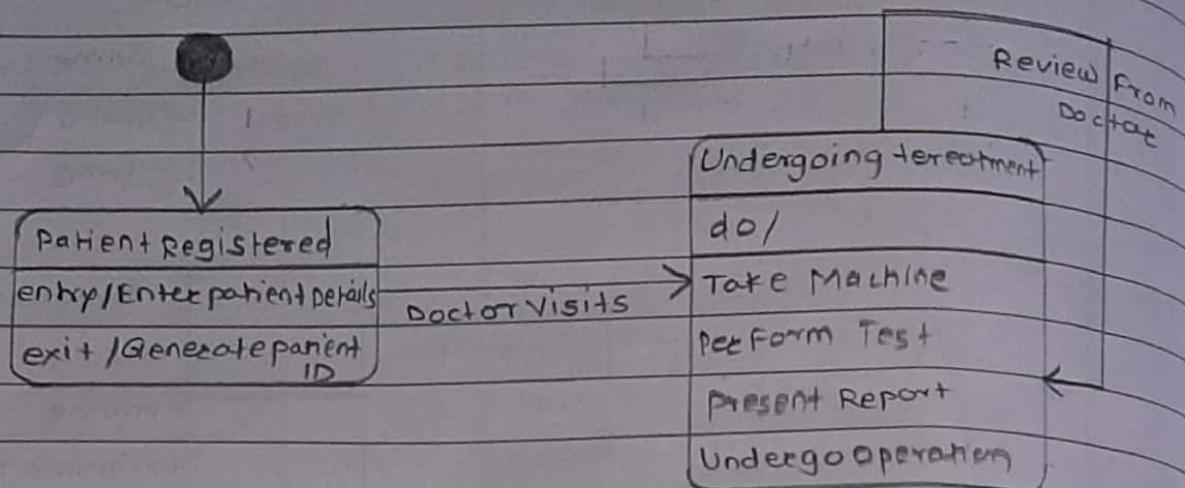
Collaboration Diagram for Discharge from Hospital



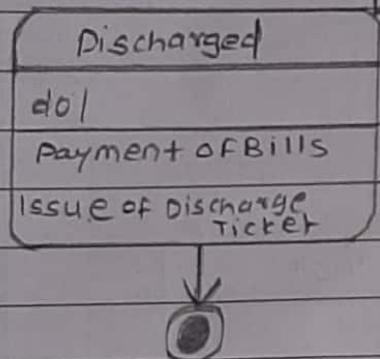


⑥

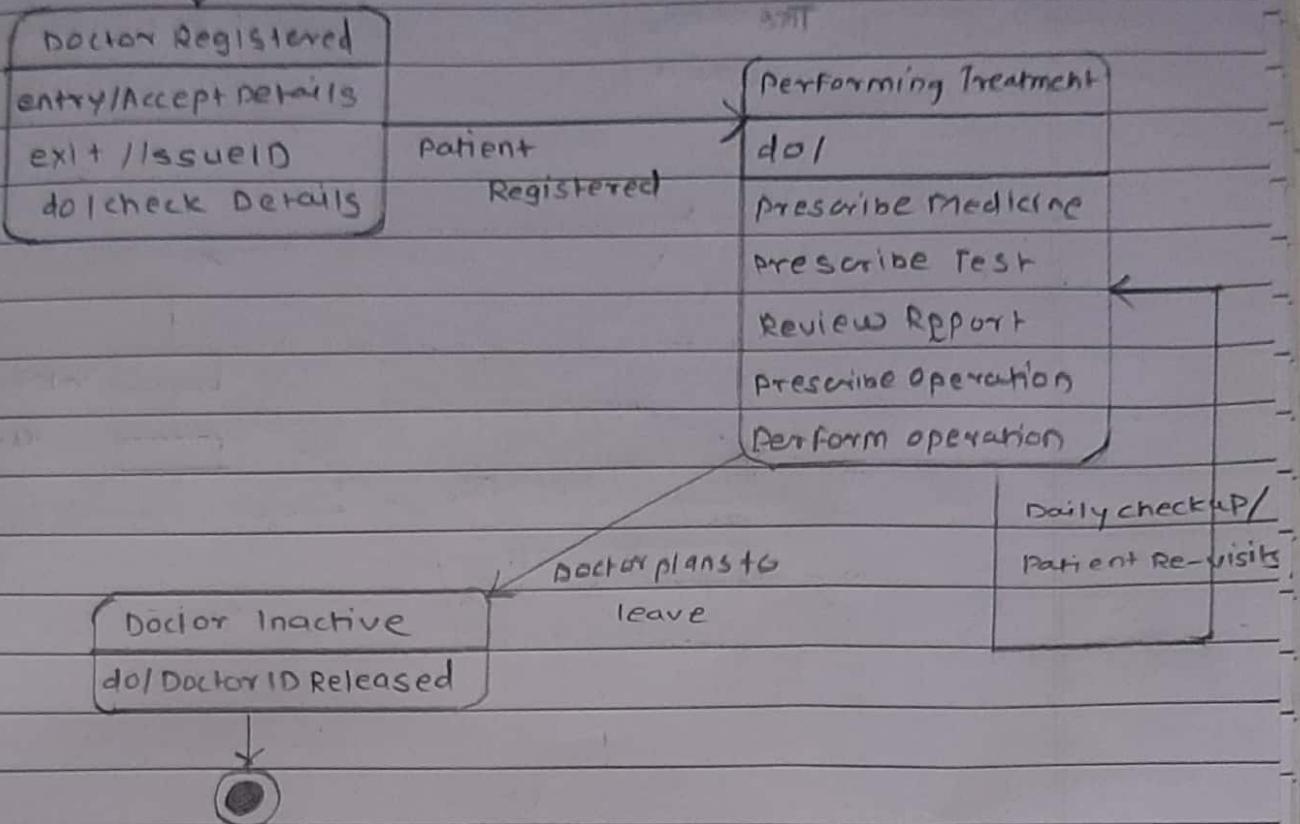
State Diagram:- State Diagram for patient.



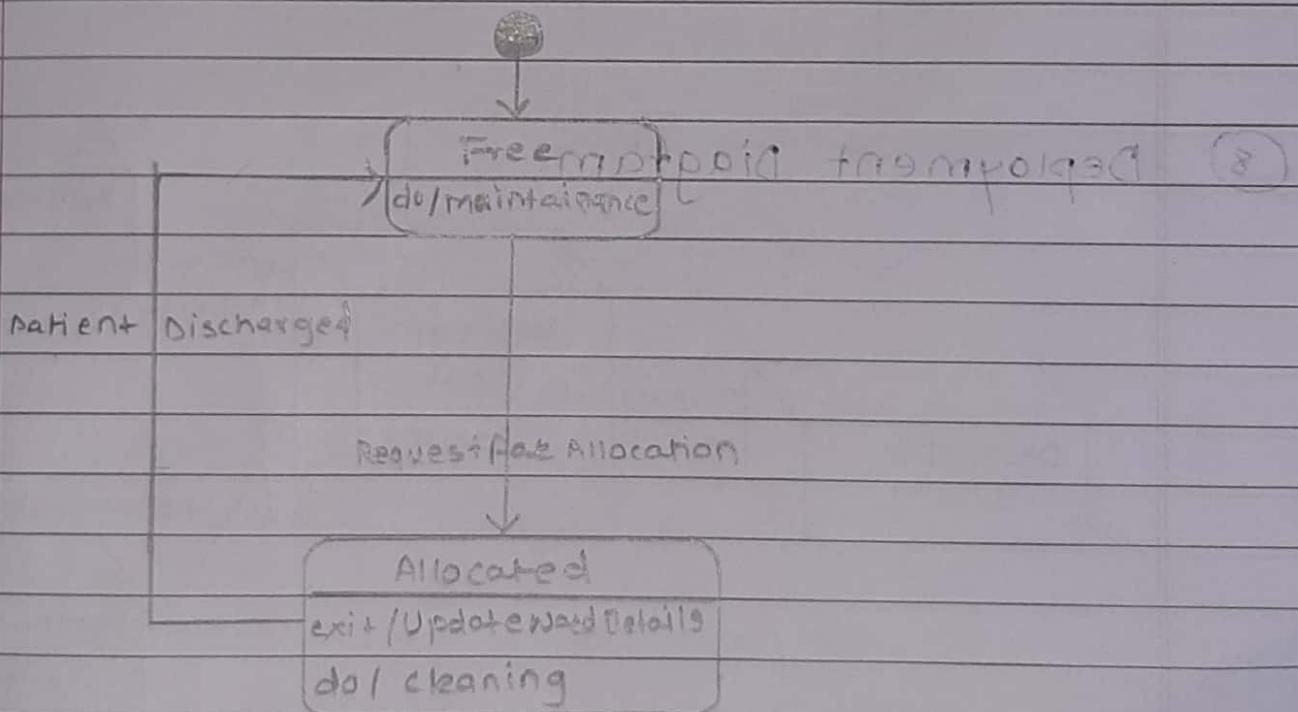
Issue of Discharge advice from Doctor



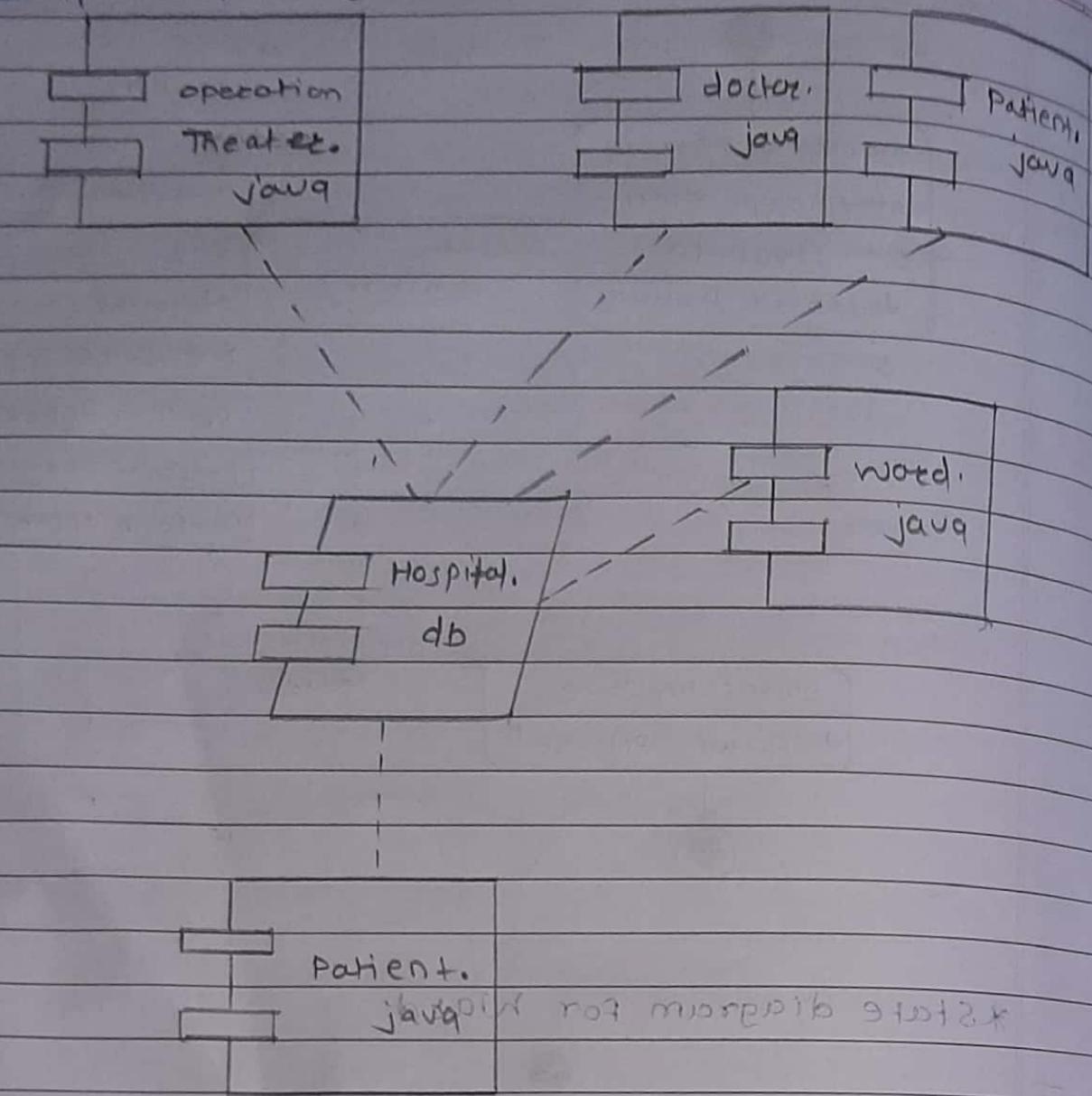
* State Diagram for Doctor



*State diagram for Ward



⑦ Component Diagram



⑧ Deployment Diagram

