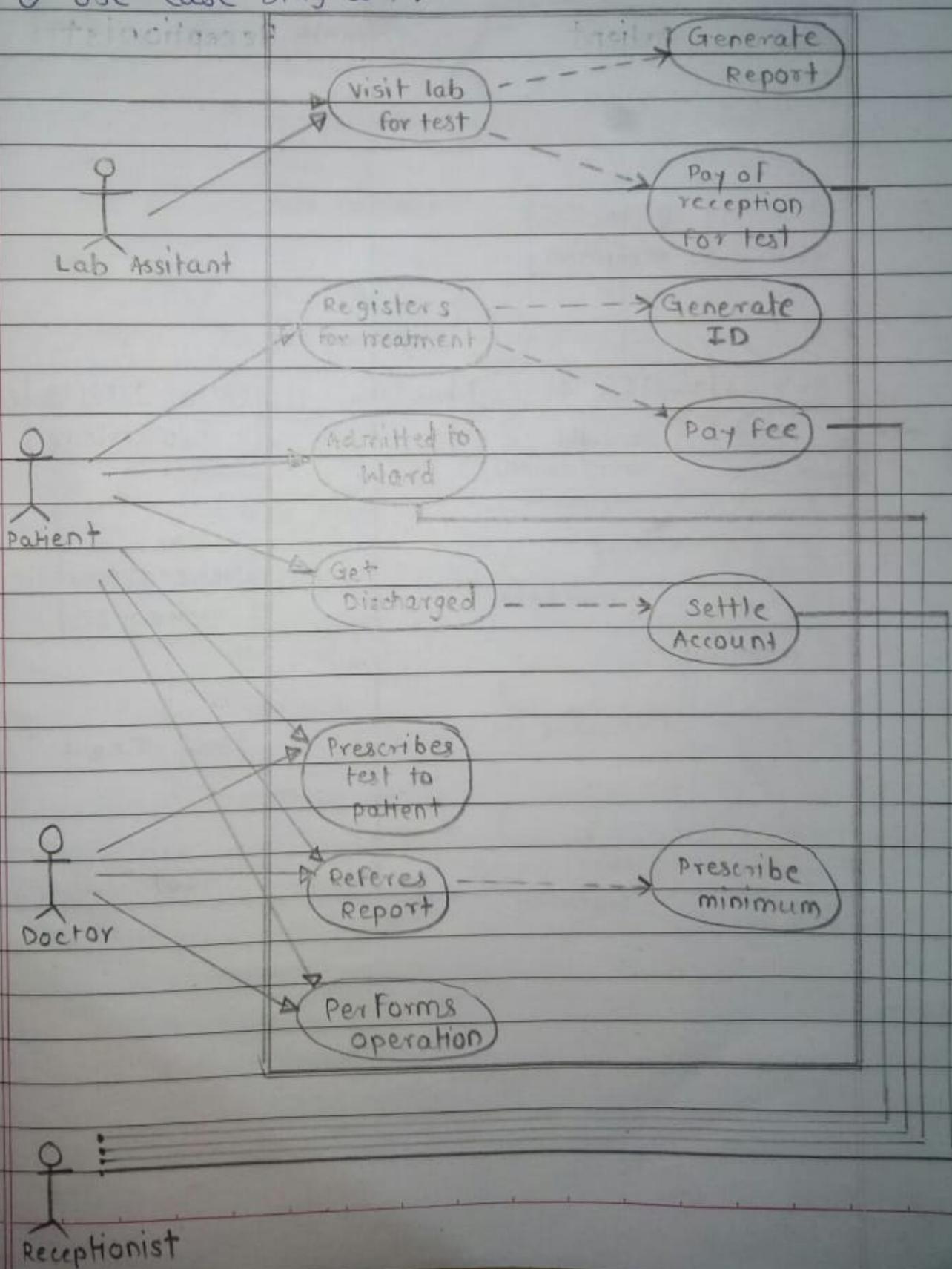


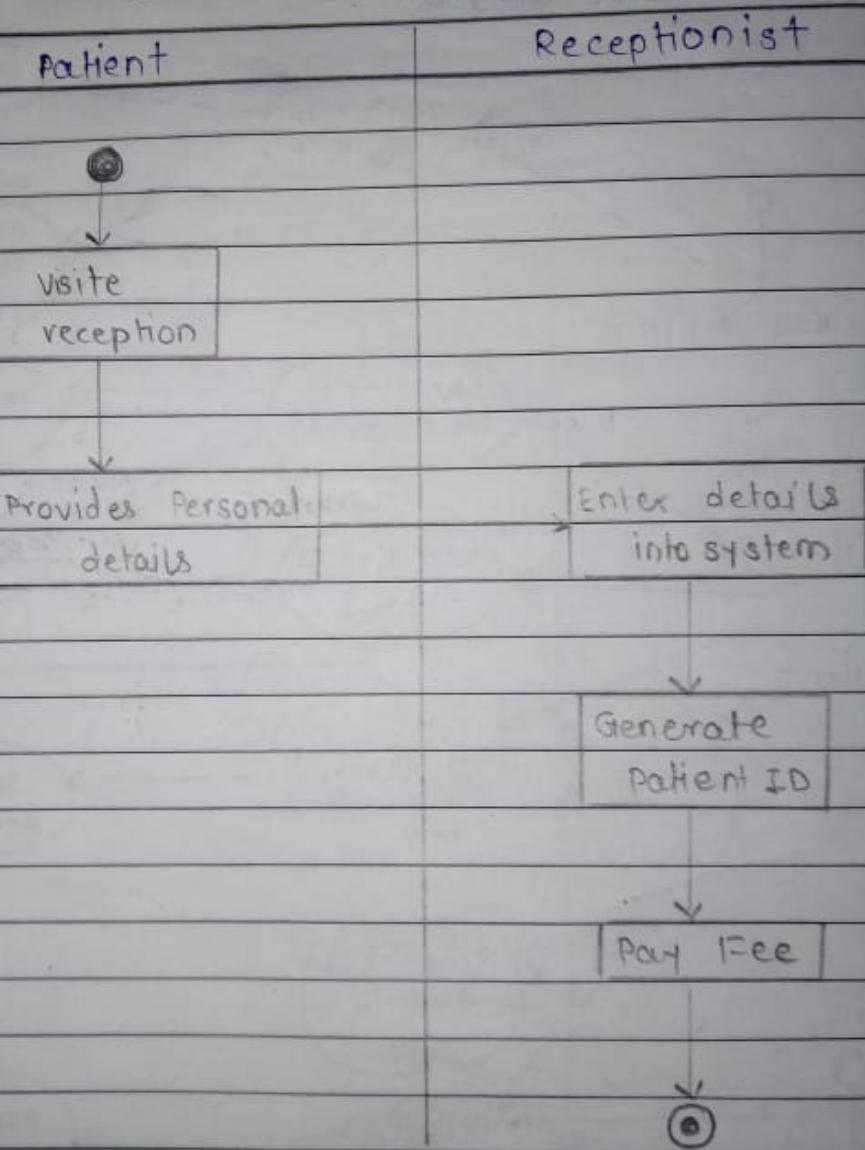
## Create UML diagrams for Hospital Management System

## ① Use Case Diagram :-

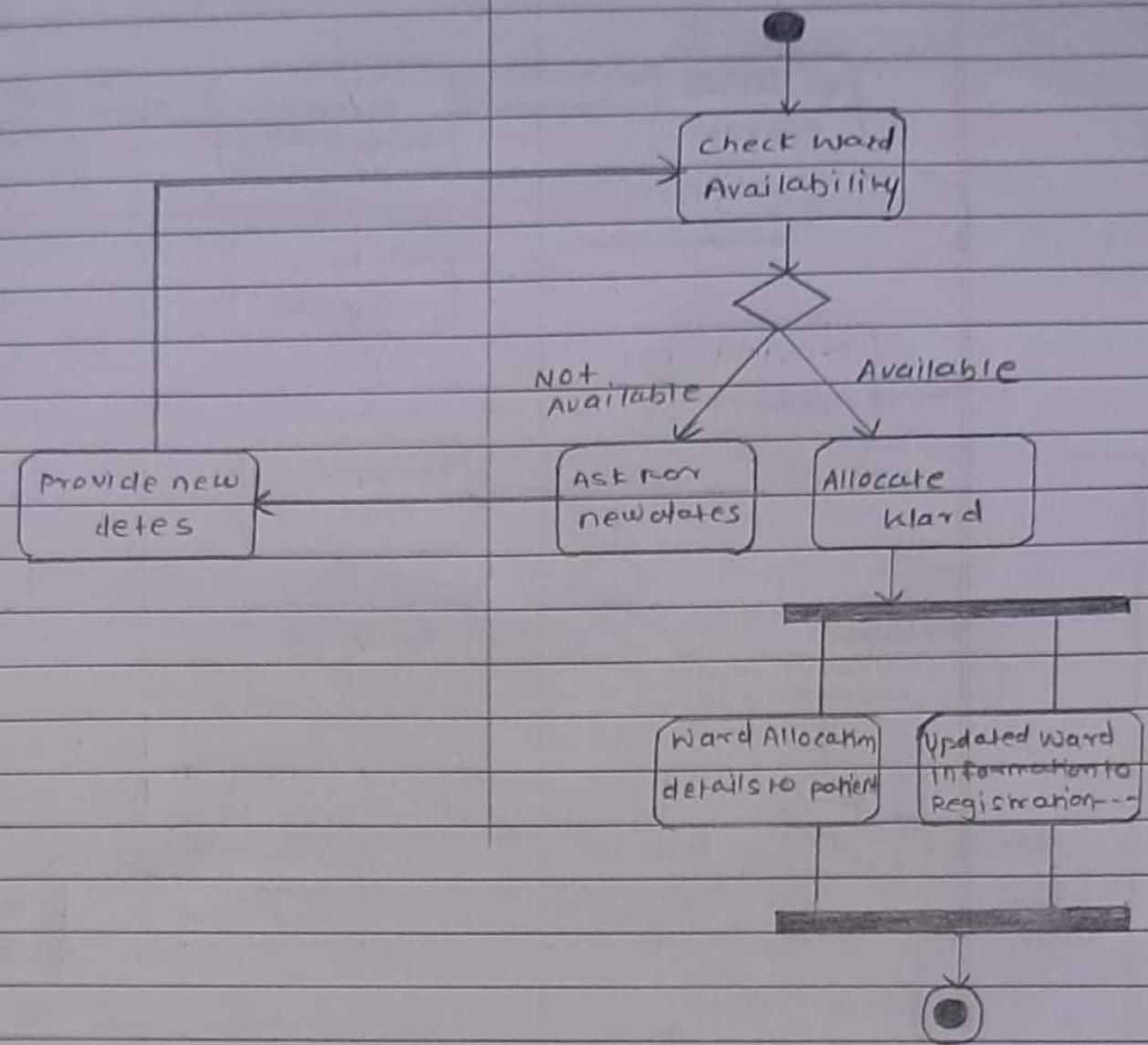


## ② Activity Diagram:

- ## • Activity Diagram for Registration :

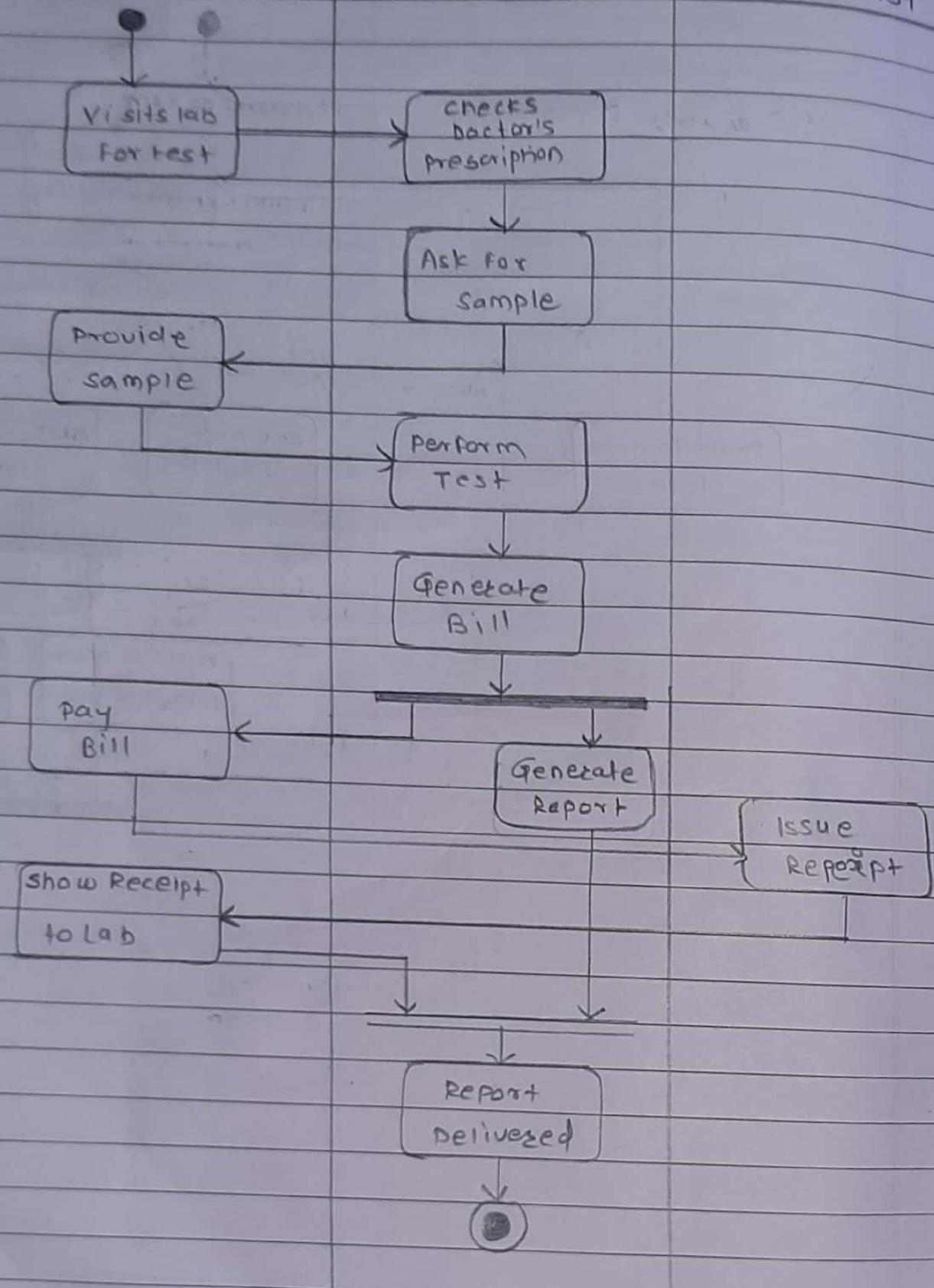


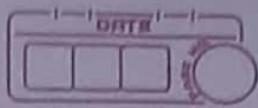
Activity Diagram for Ward Allocation



\*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

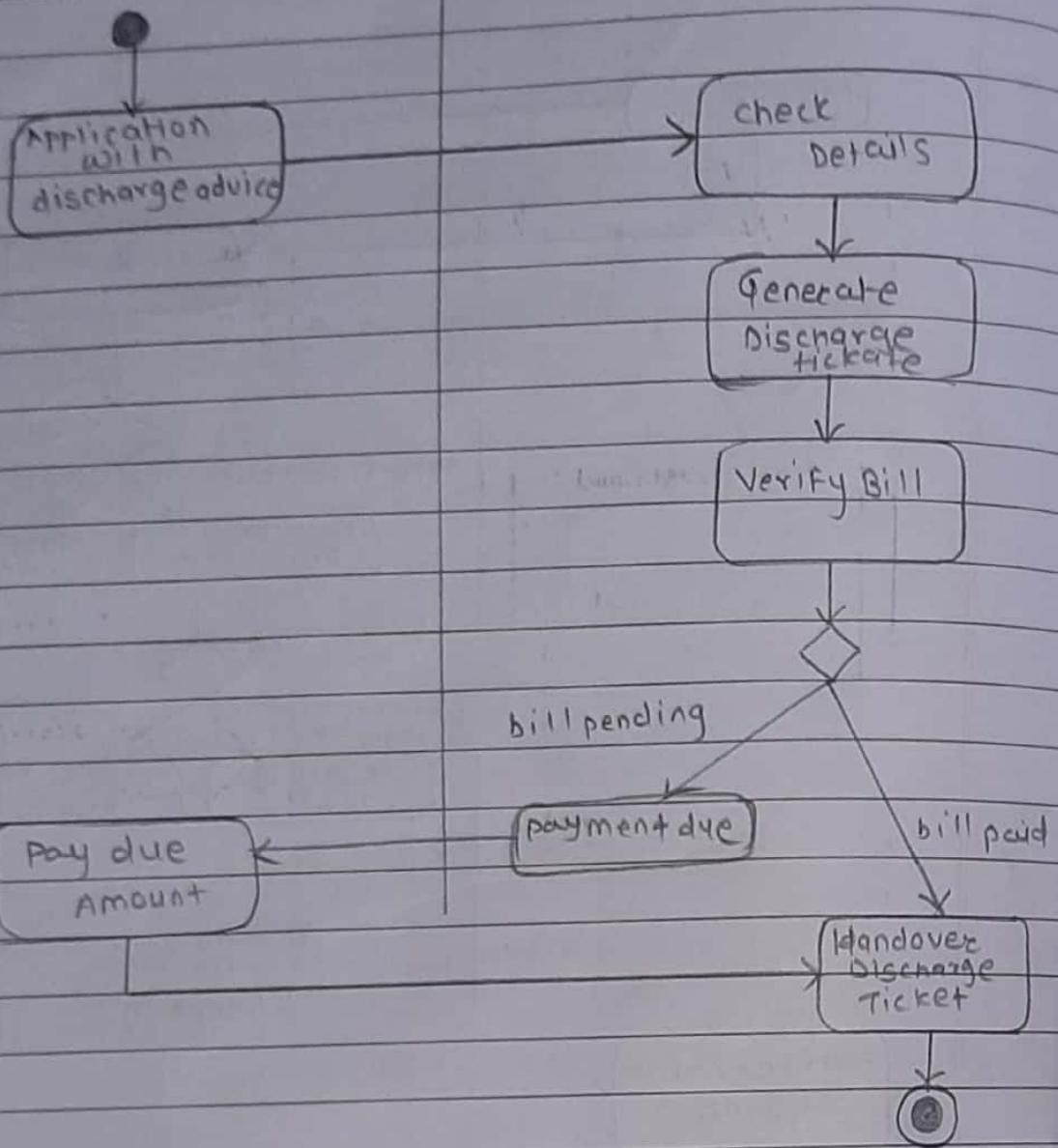
Prescribe medicine

Patient confirms operation

Performs operation

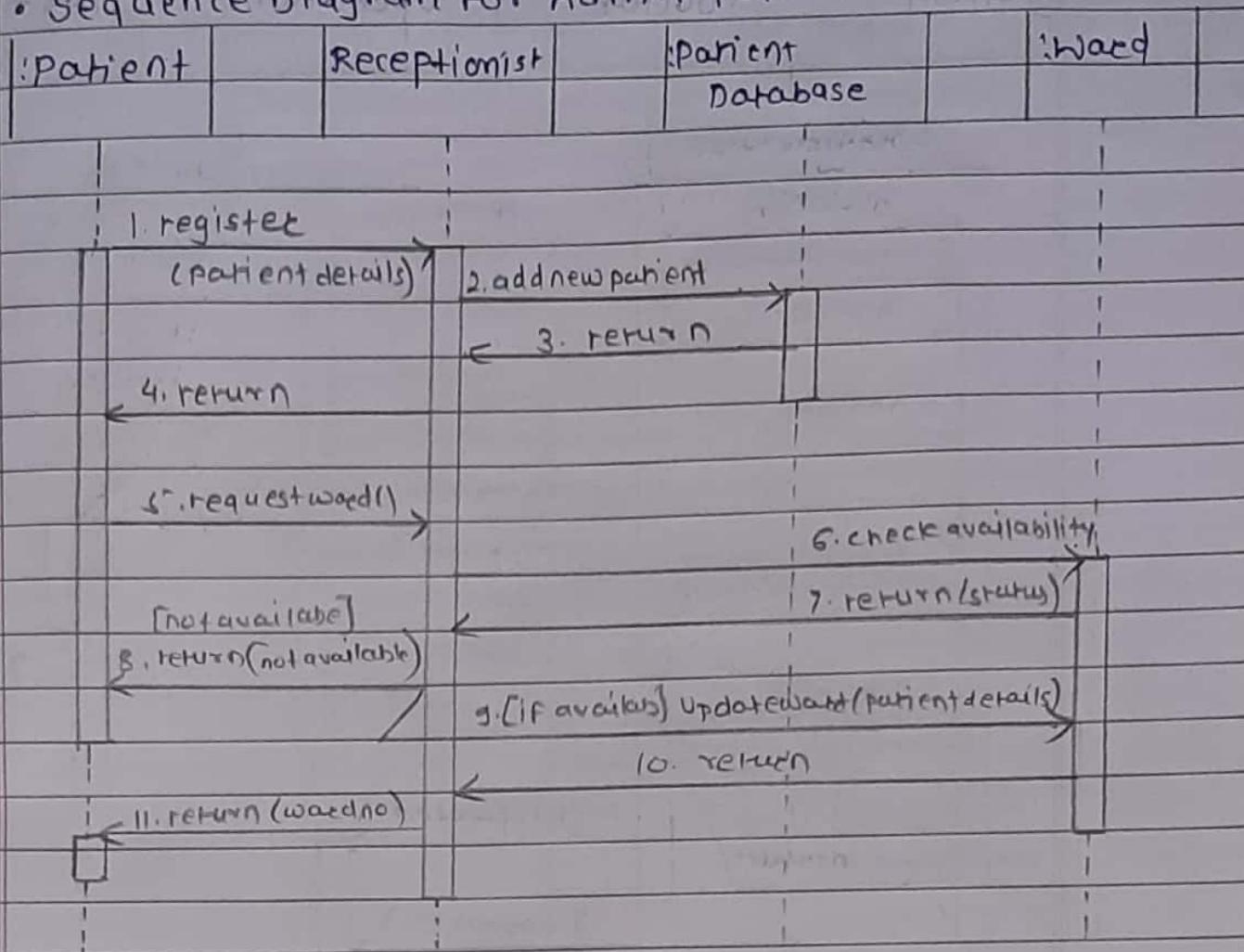


# Activity Diagram for Discharge

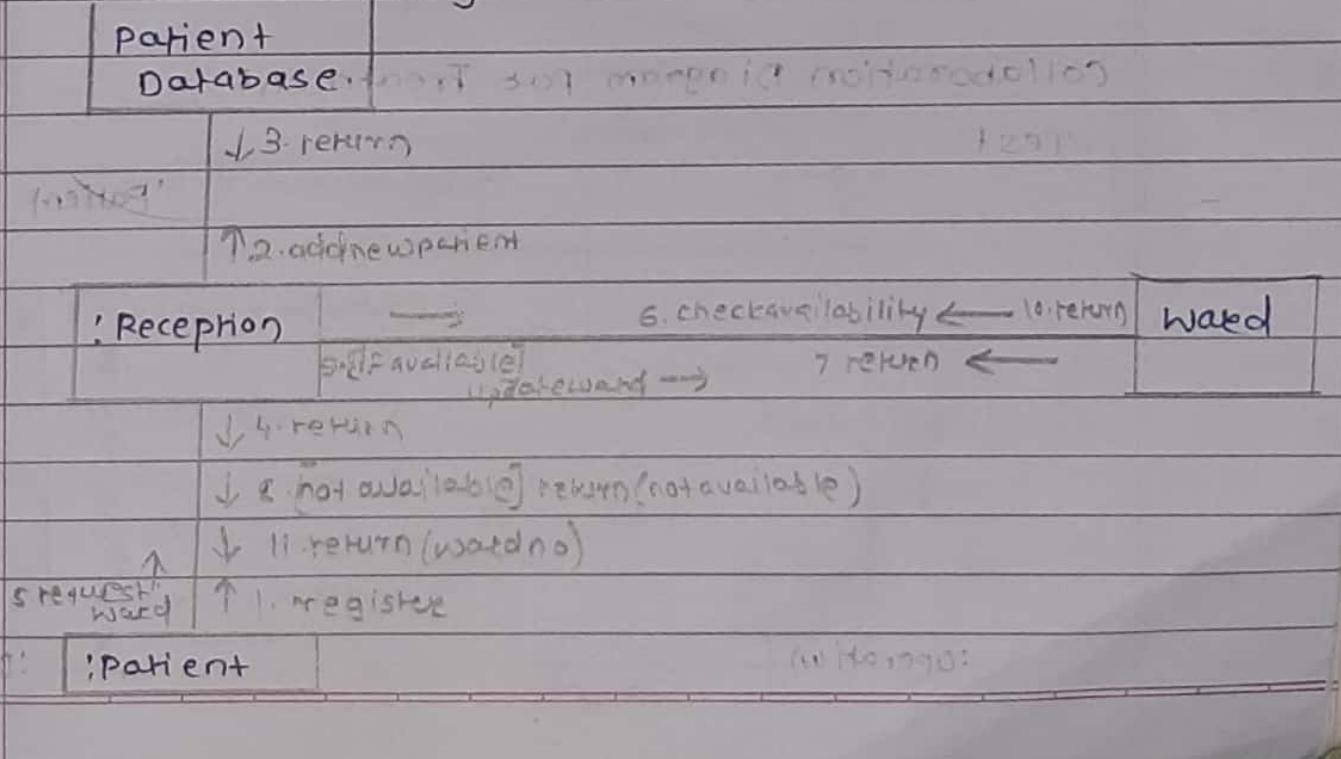


### (3) Sequence Diagram:- not managed by hospital

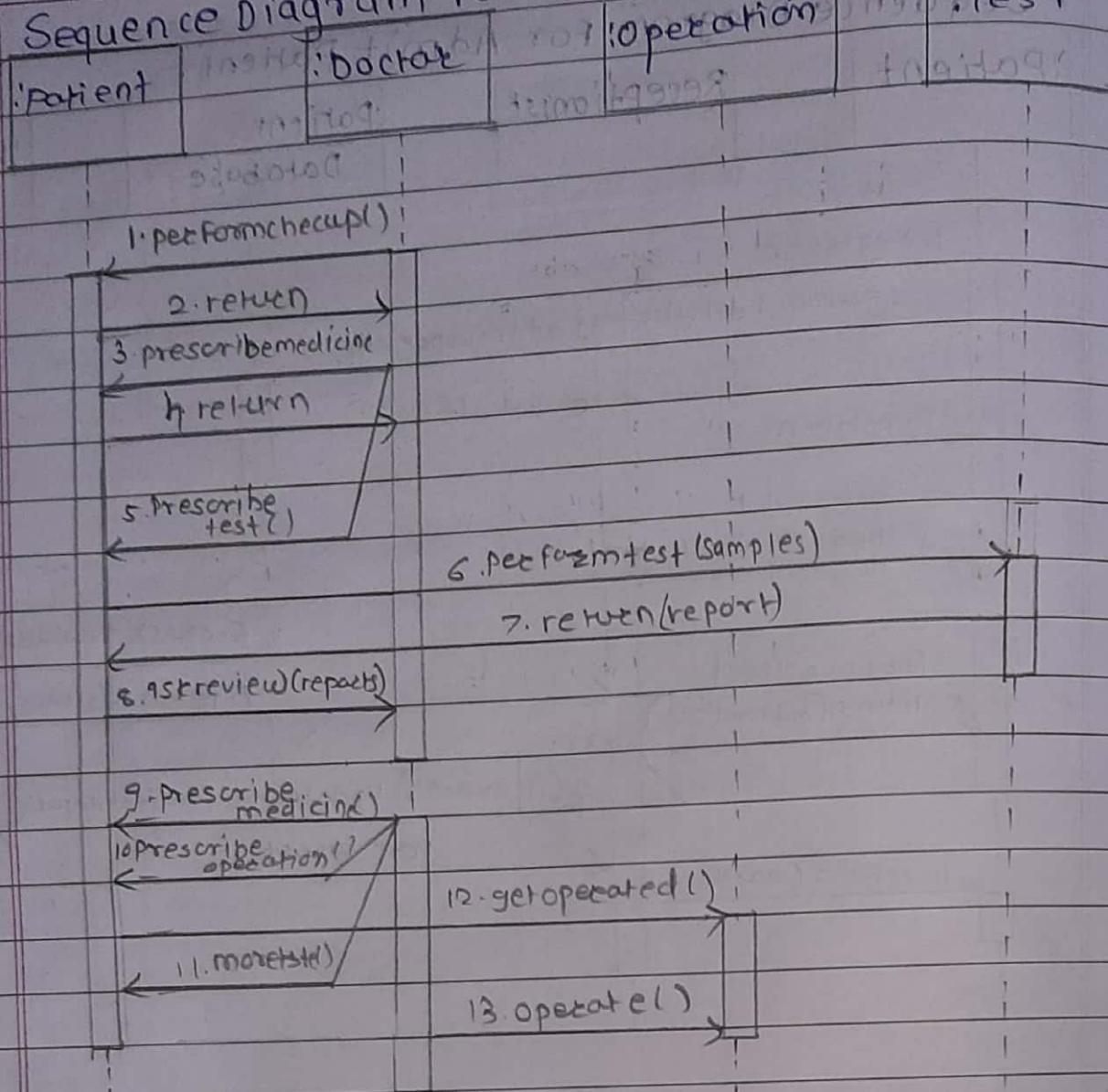
- Sequence Diagram for Admit Patient.



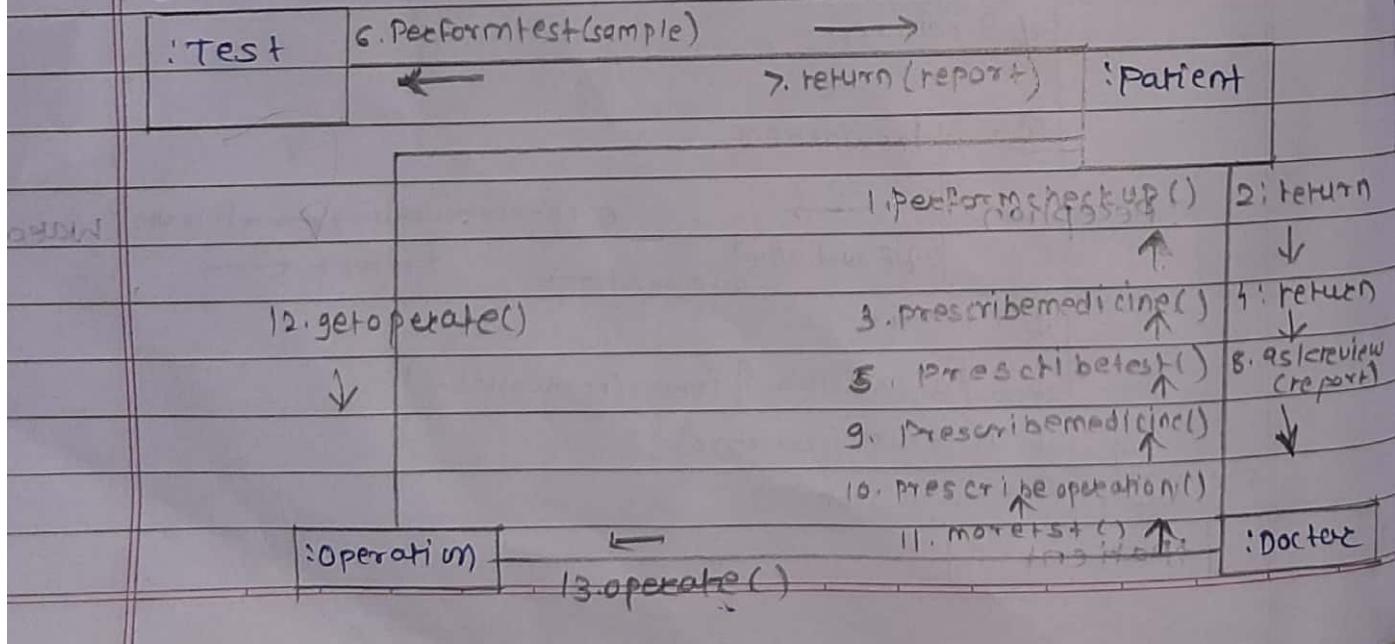
### (4) Collaboration Diagram:- for Admit to Hospital



# Sequence Diagram for Test & Operation

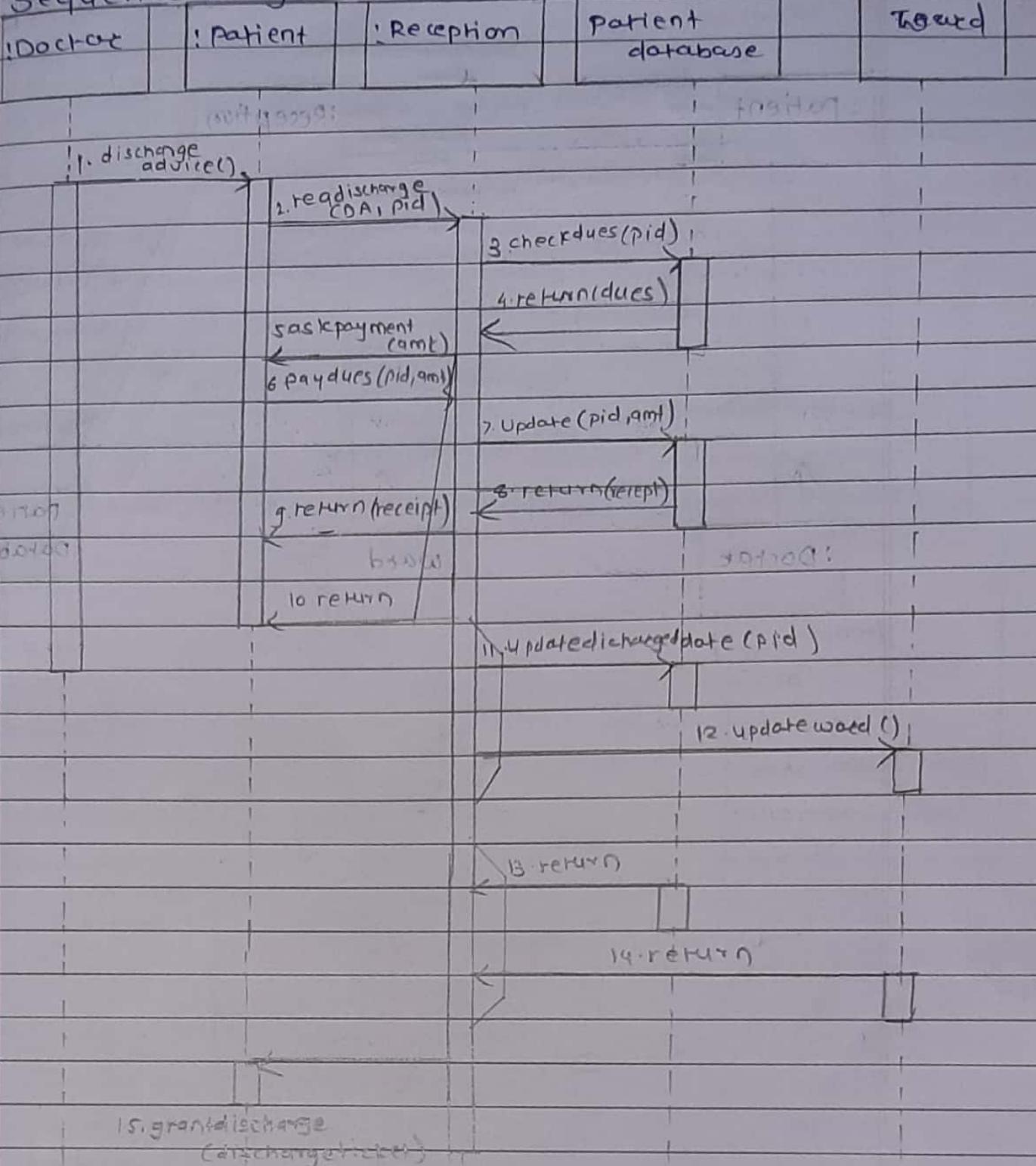


## Collaboration Diagram for Treatment

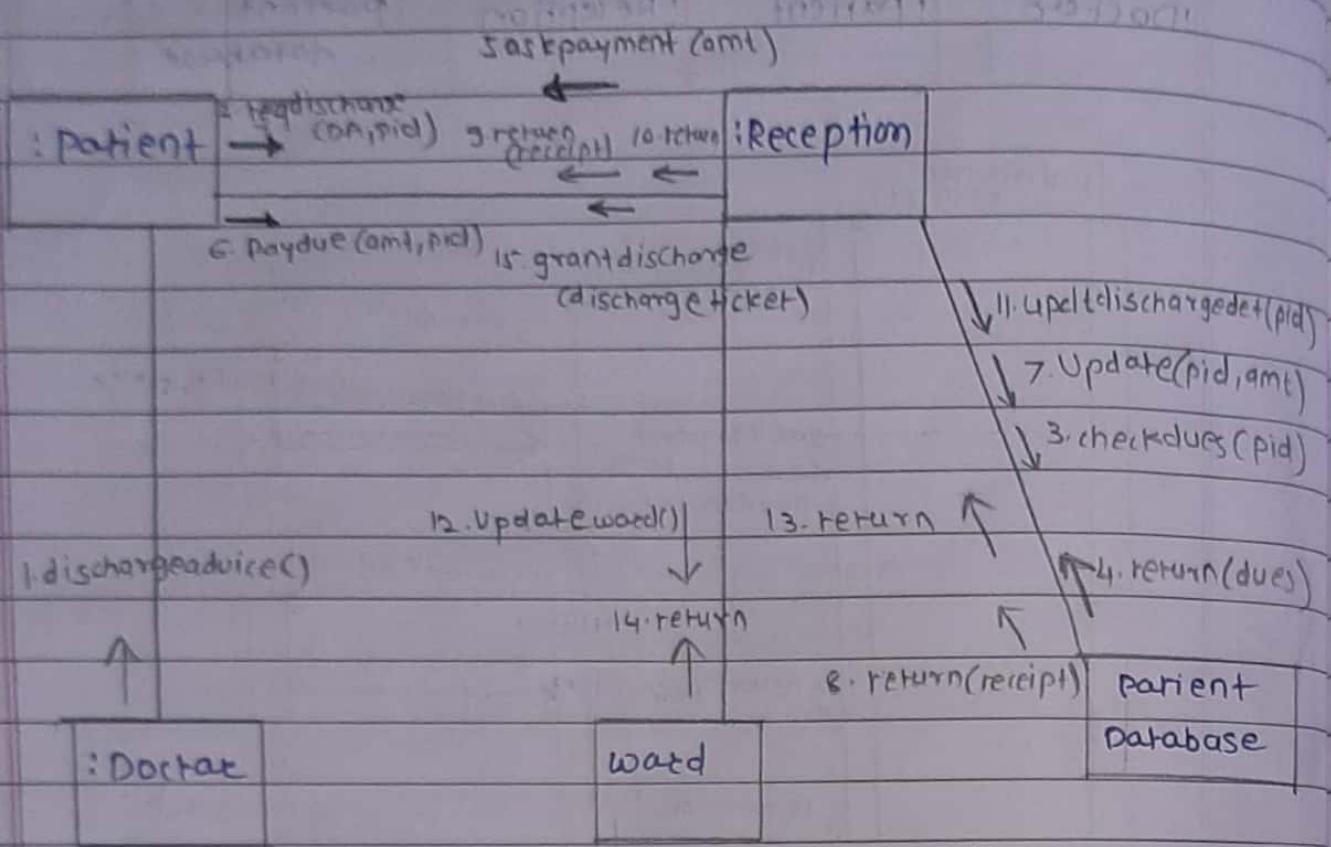


DATE

# Sequence Diagram Discharge From Hospital

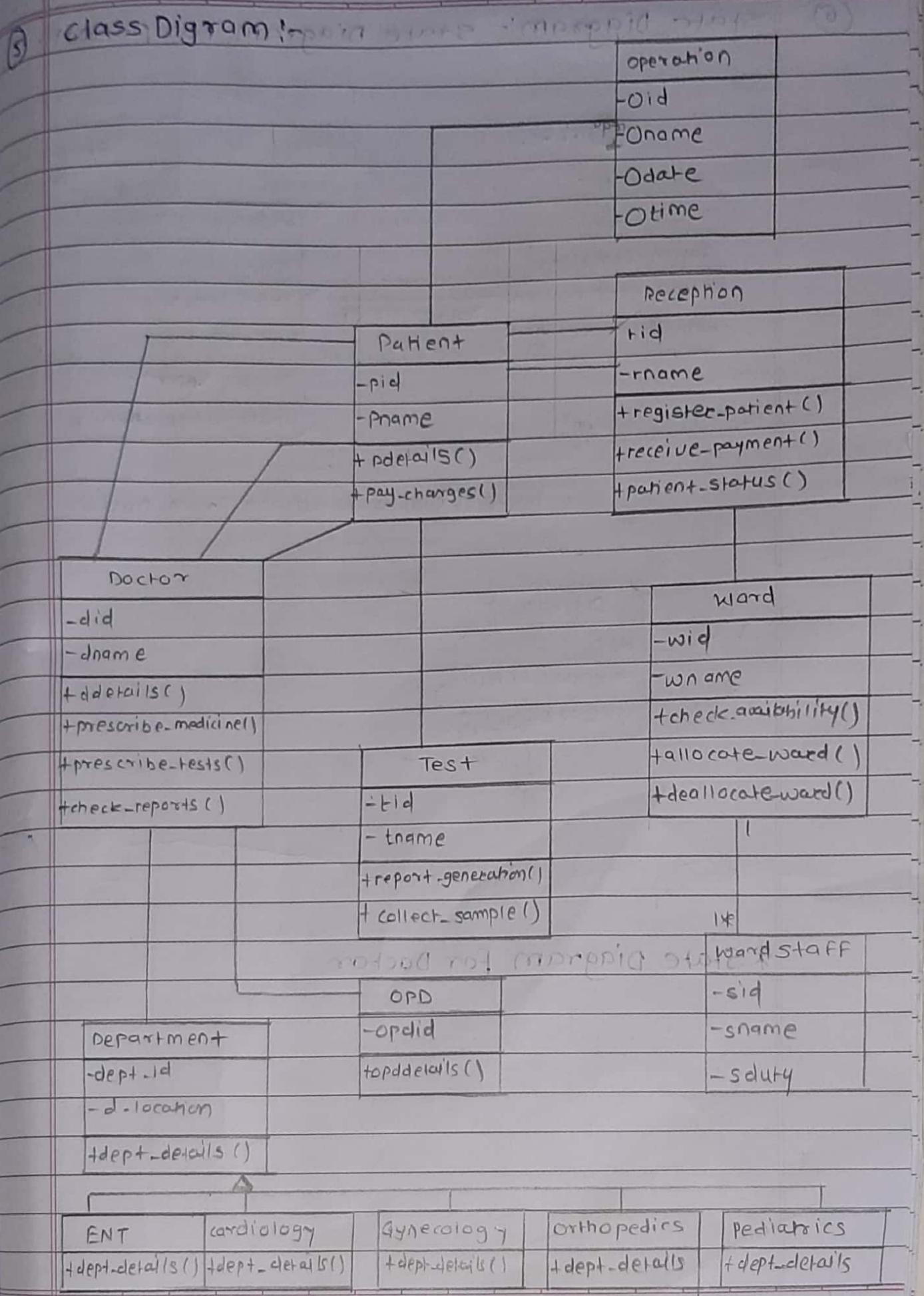


# Collaboration Diagram for Discharge from Hospital



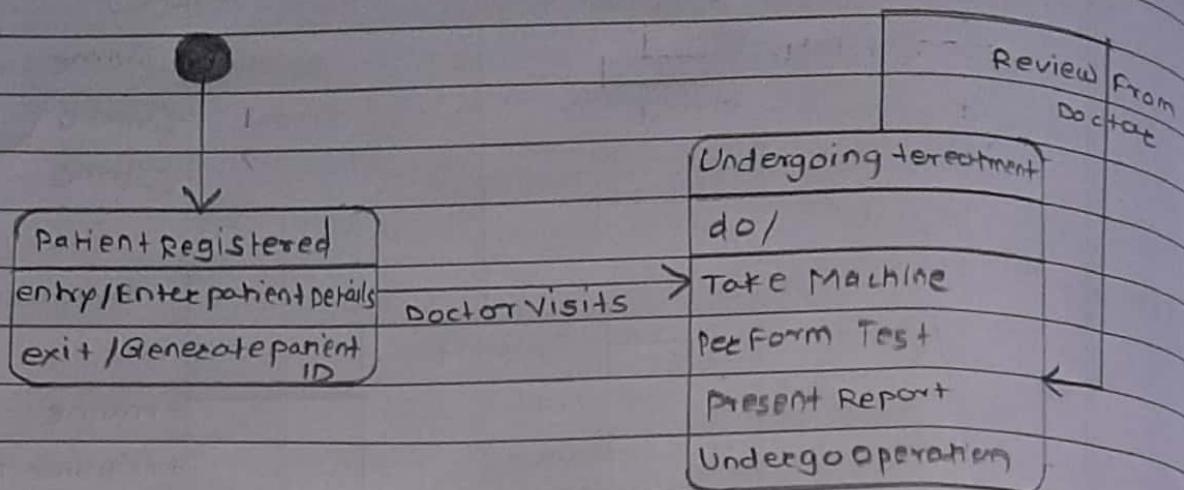
DATE

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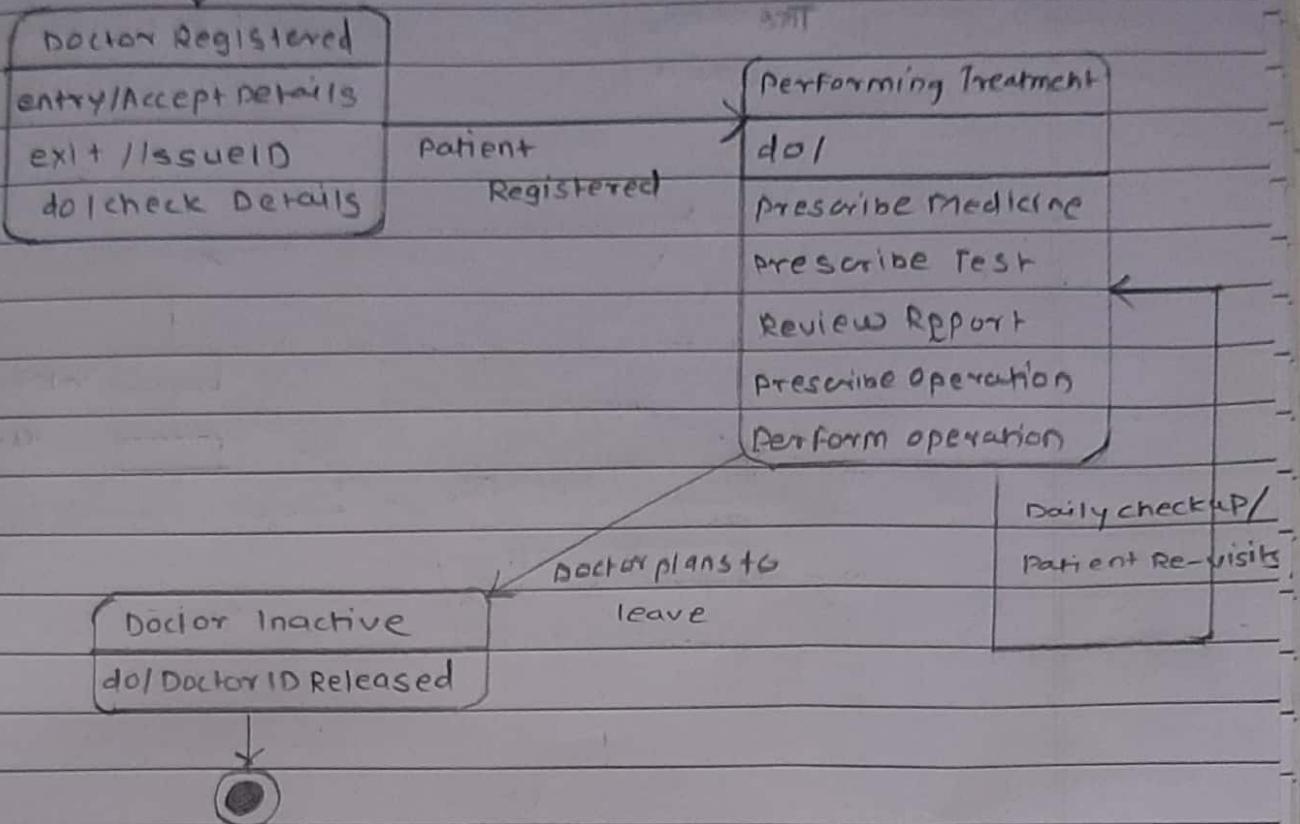


⑥

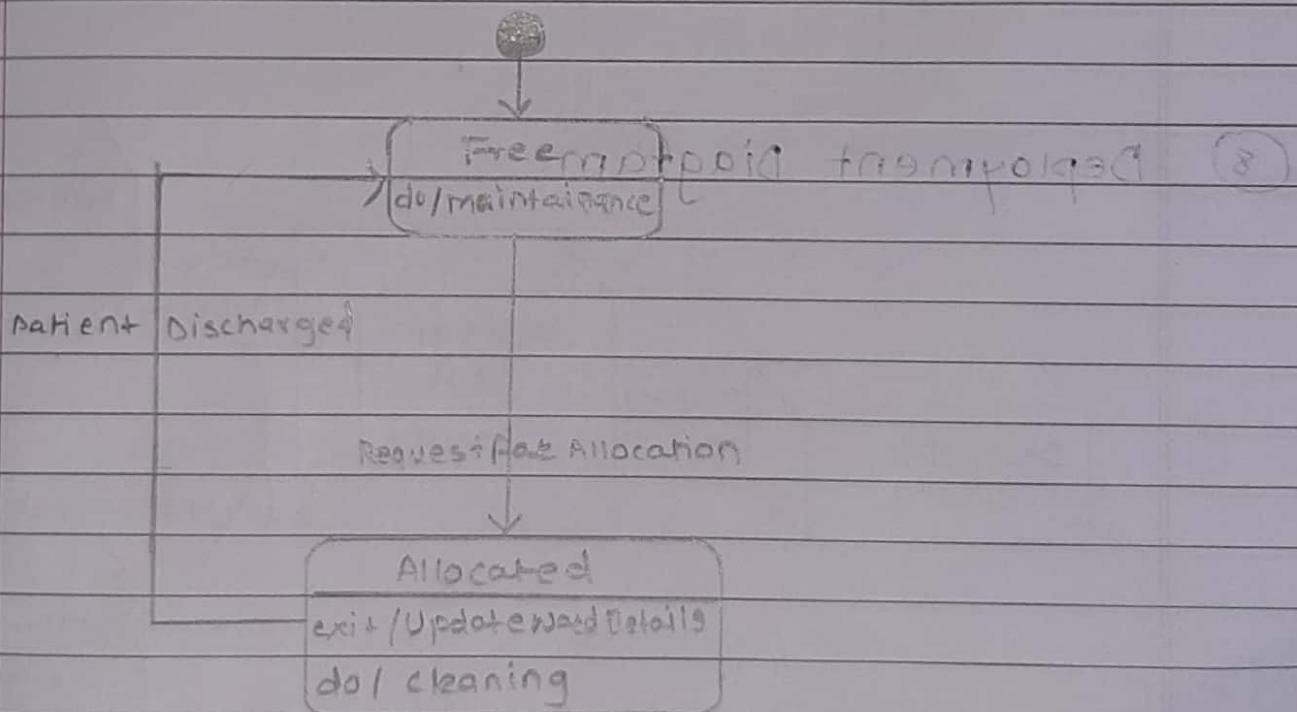
State Diagram:- State Diagram for patient.



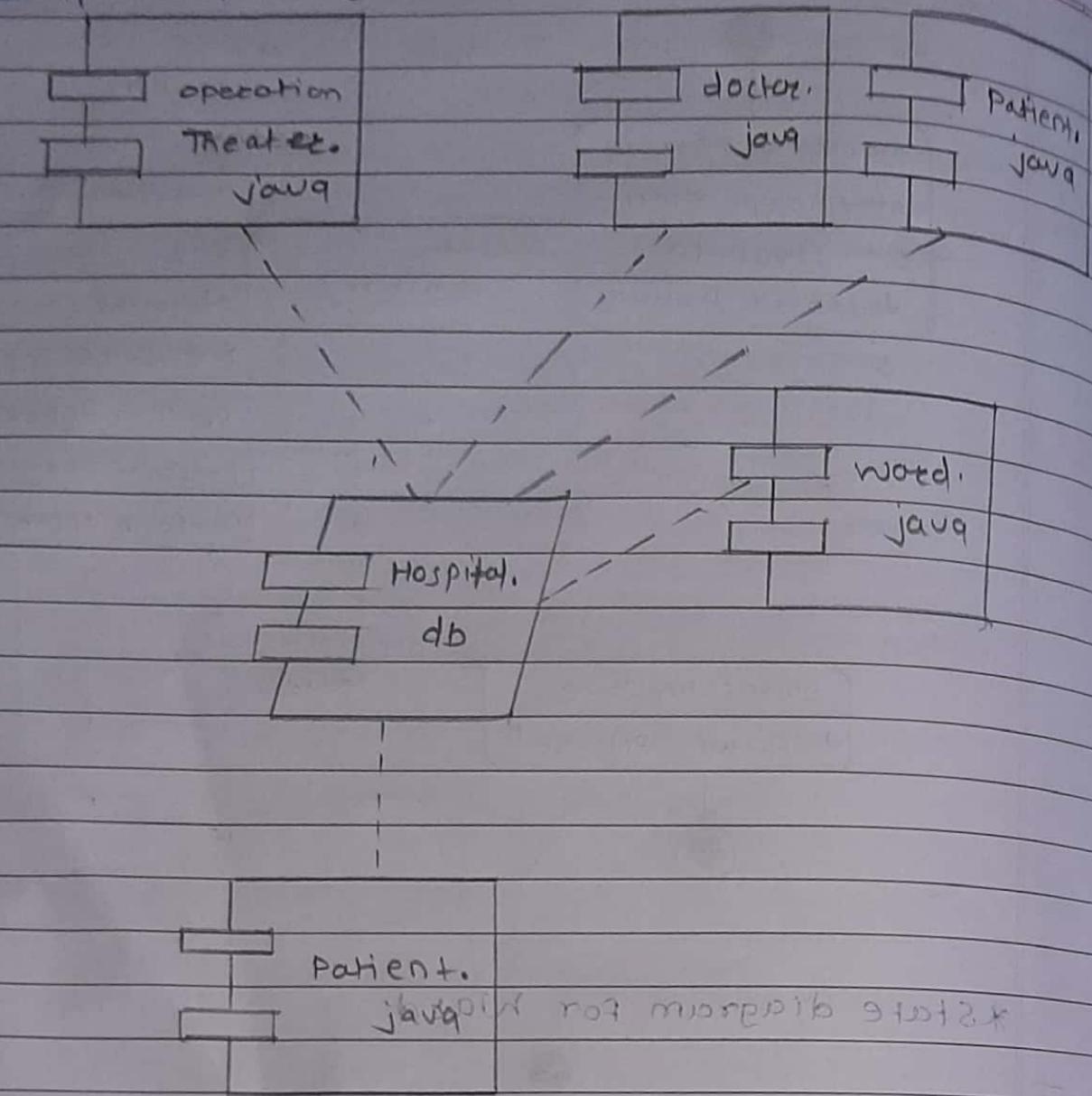
\* State Diagram for Doctor



### \*State diagram for Ward



## ⑦ Component Diagram



## ⑧ Deployment Diagram

