MIT | Academy of Engineering

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Software Engineering

UML Modelling and Design

For

Online Medicine Ordering System

By

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Under Guidance of
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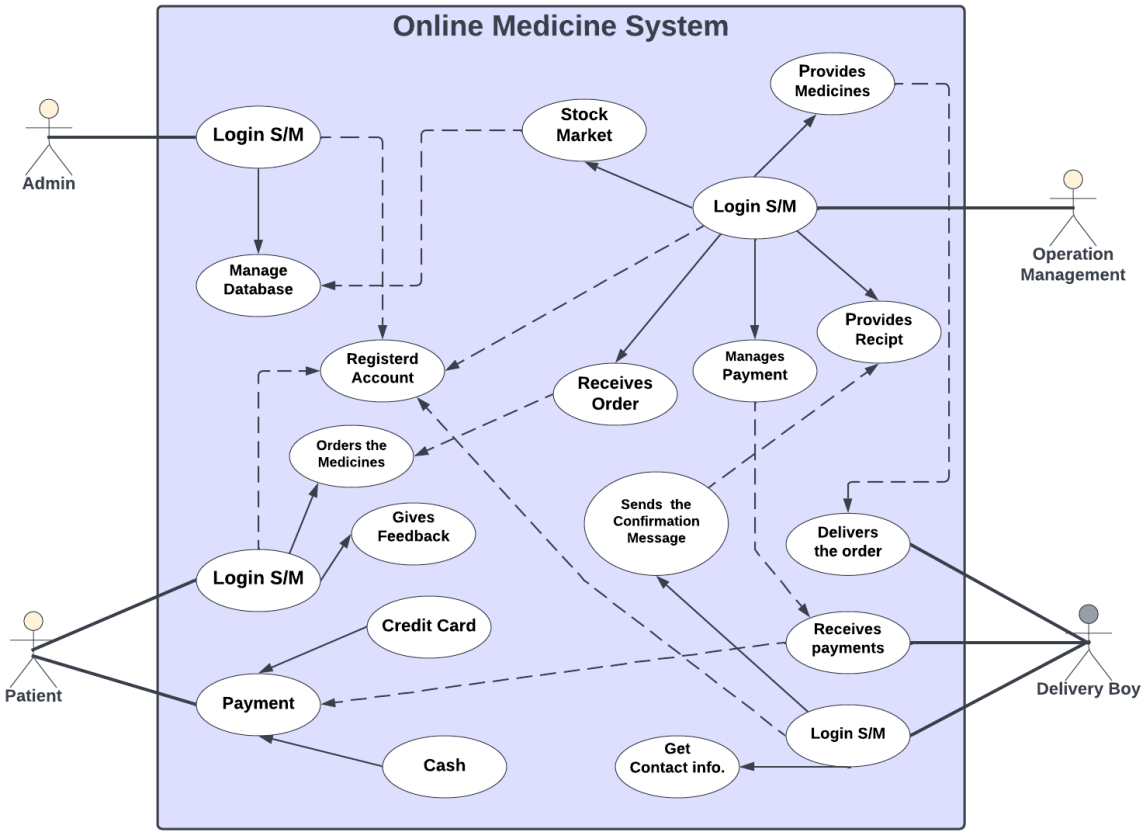
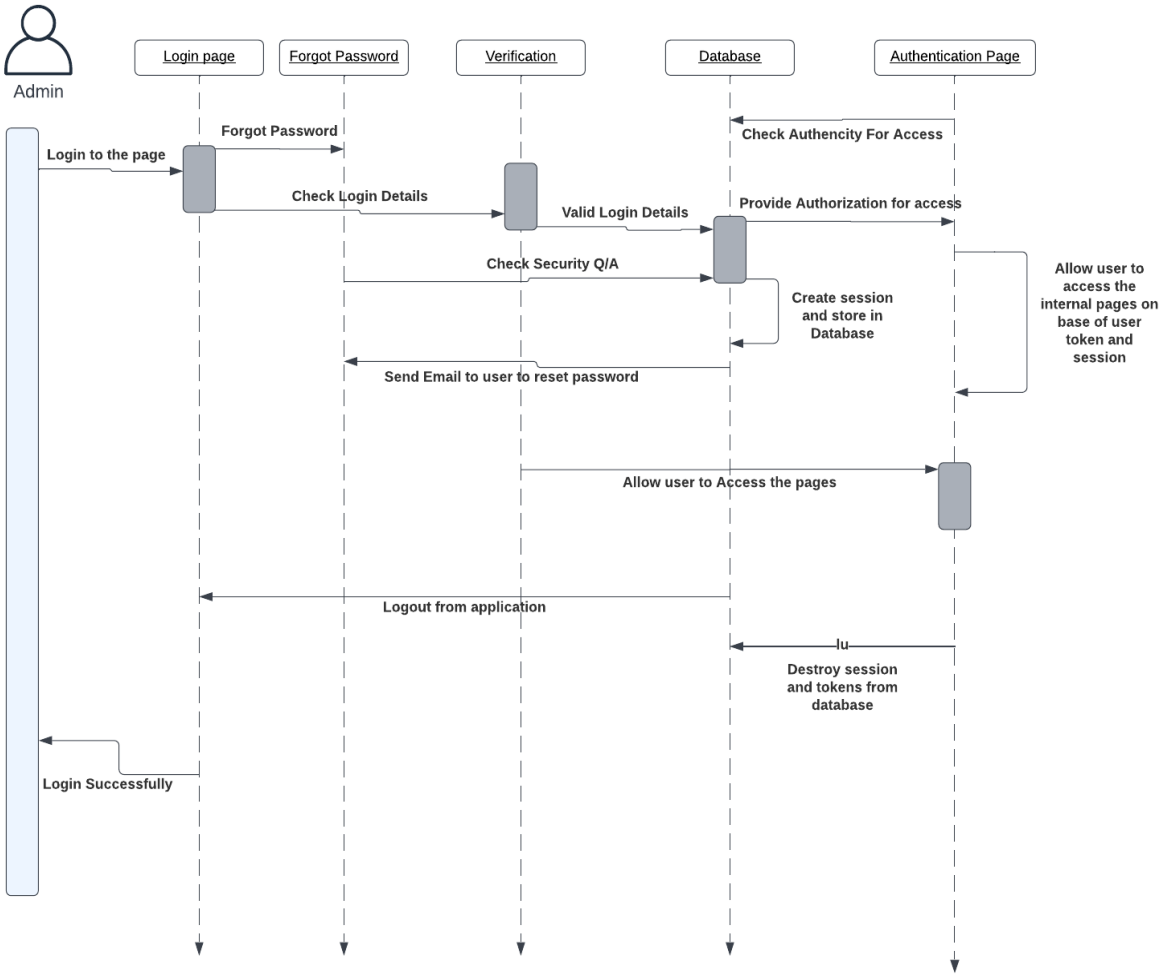
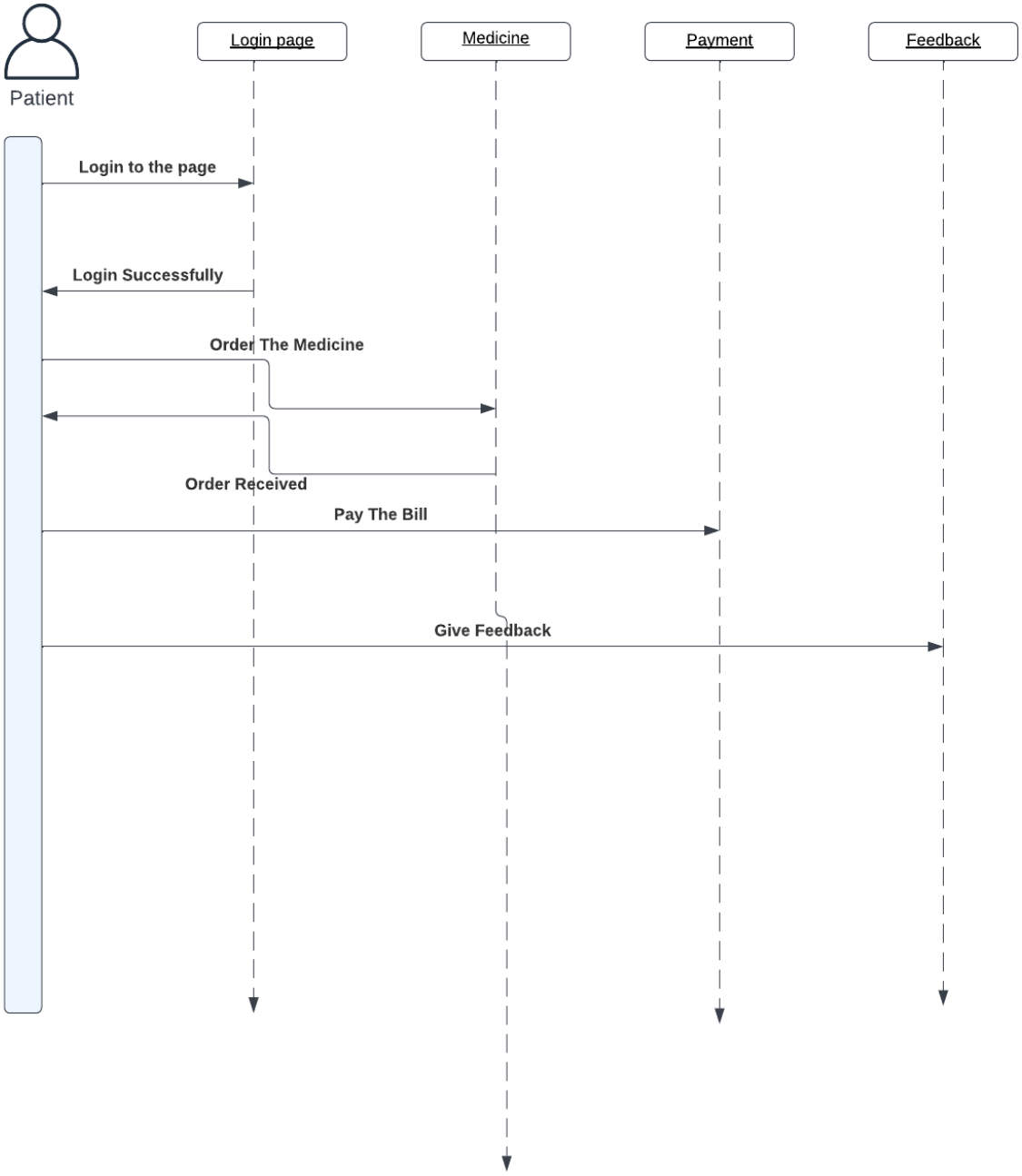
USE Case Diagram



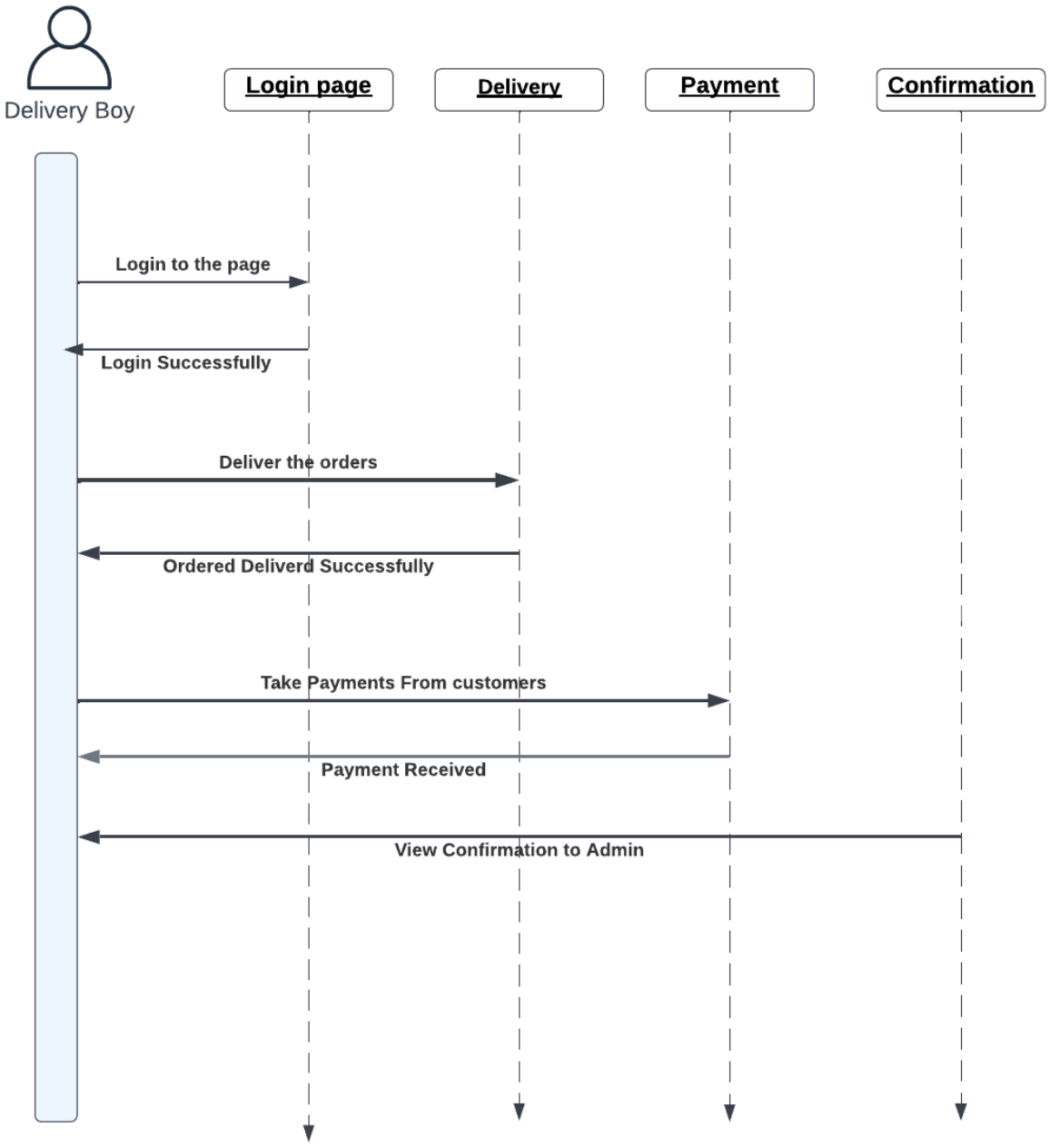
Sequence Diagram 1



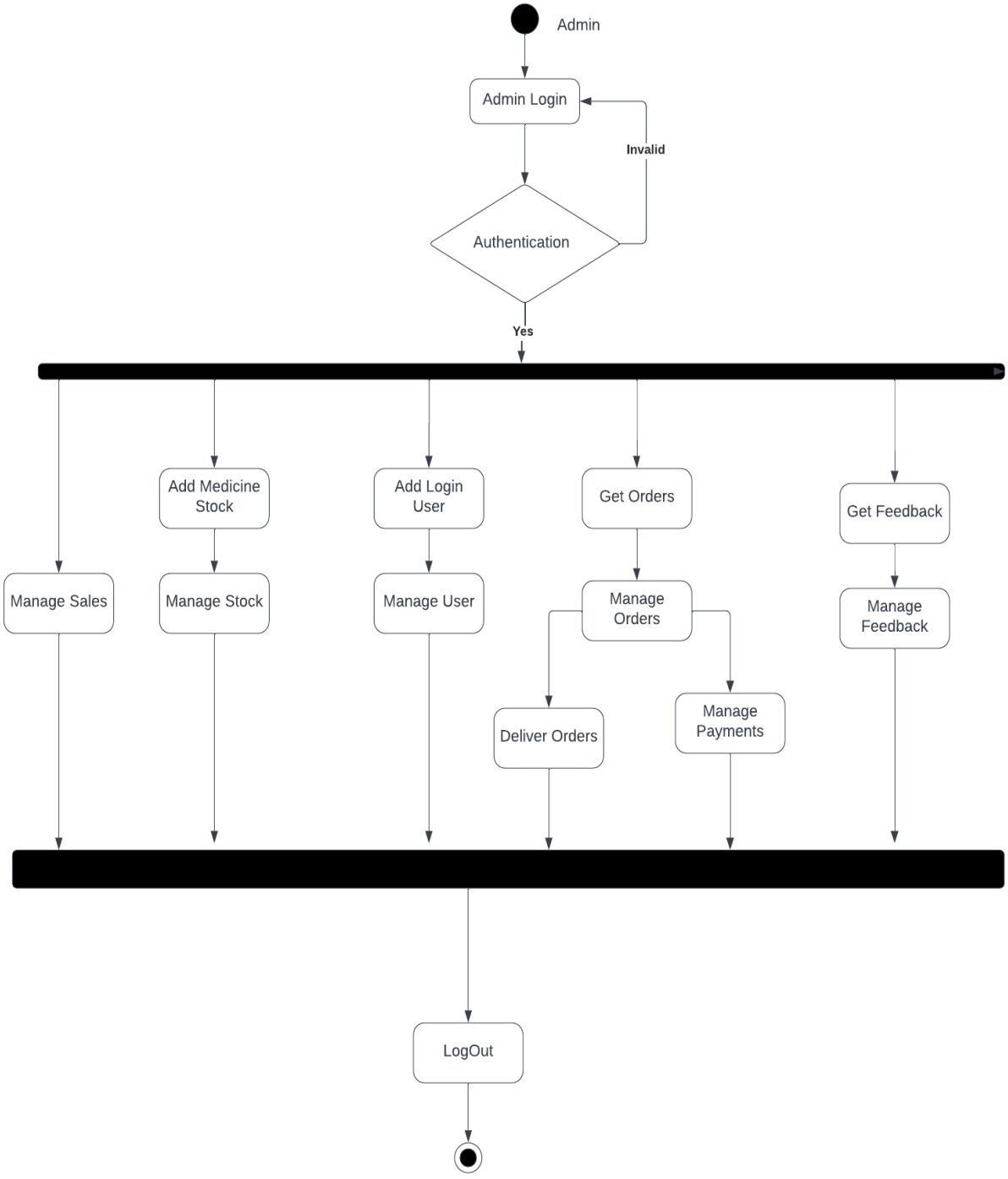
Sequence Diagram 2



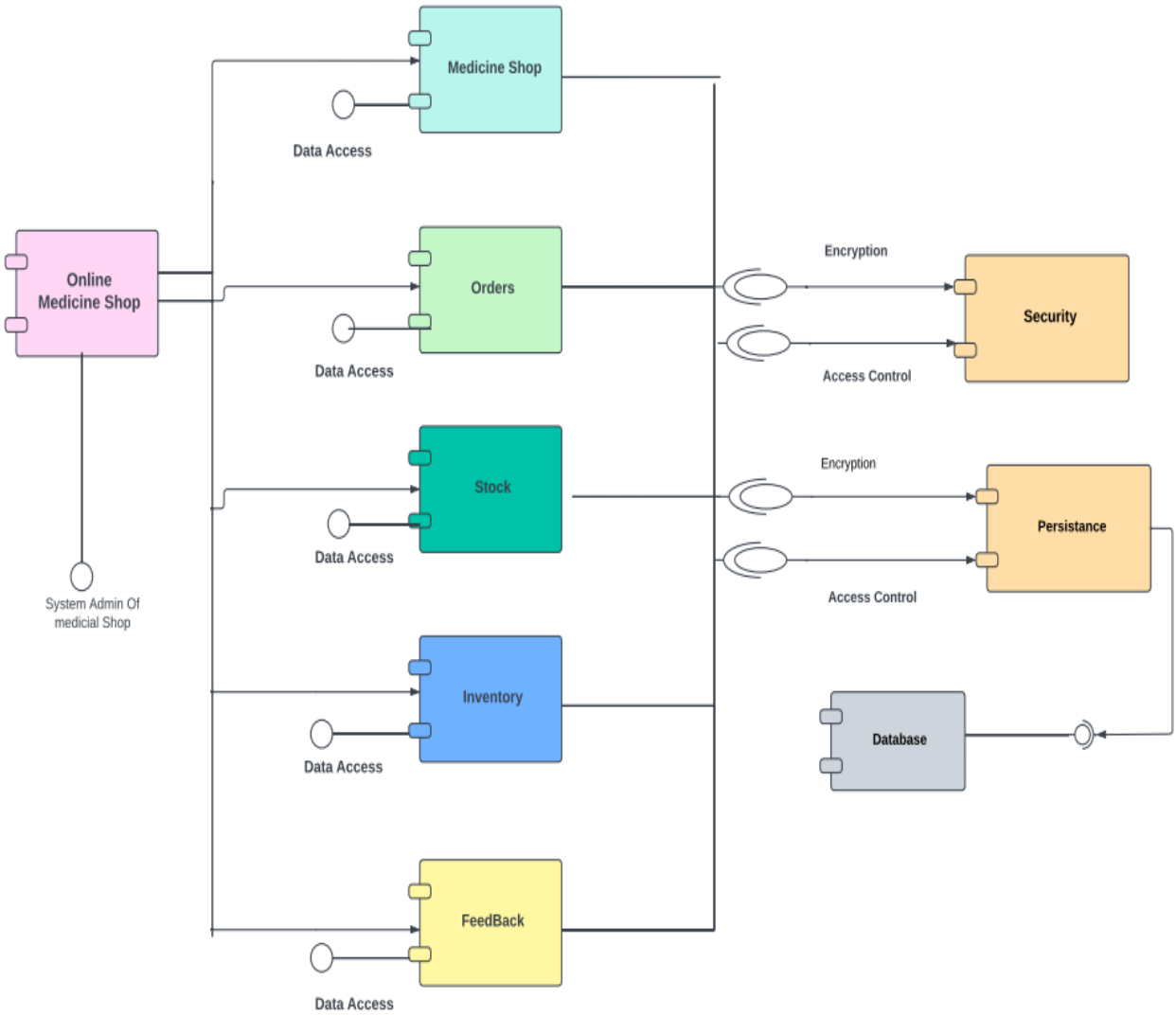
Sequence Diagram 3



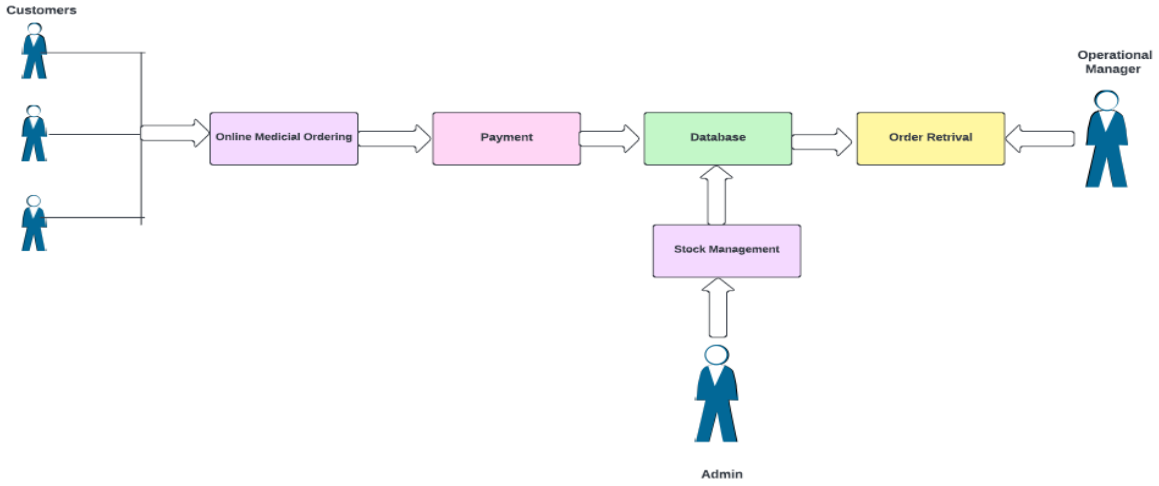
Activity Diagram



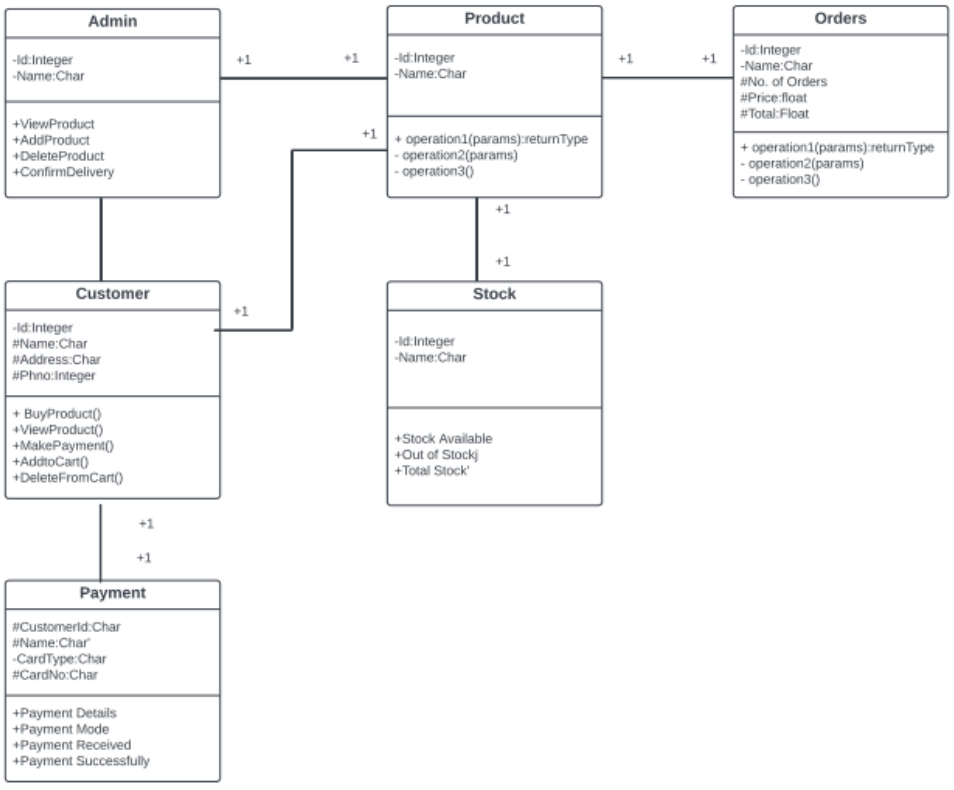
Component Diagram



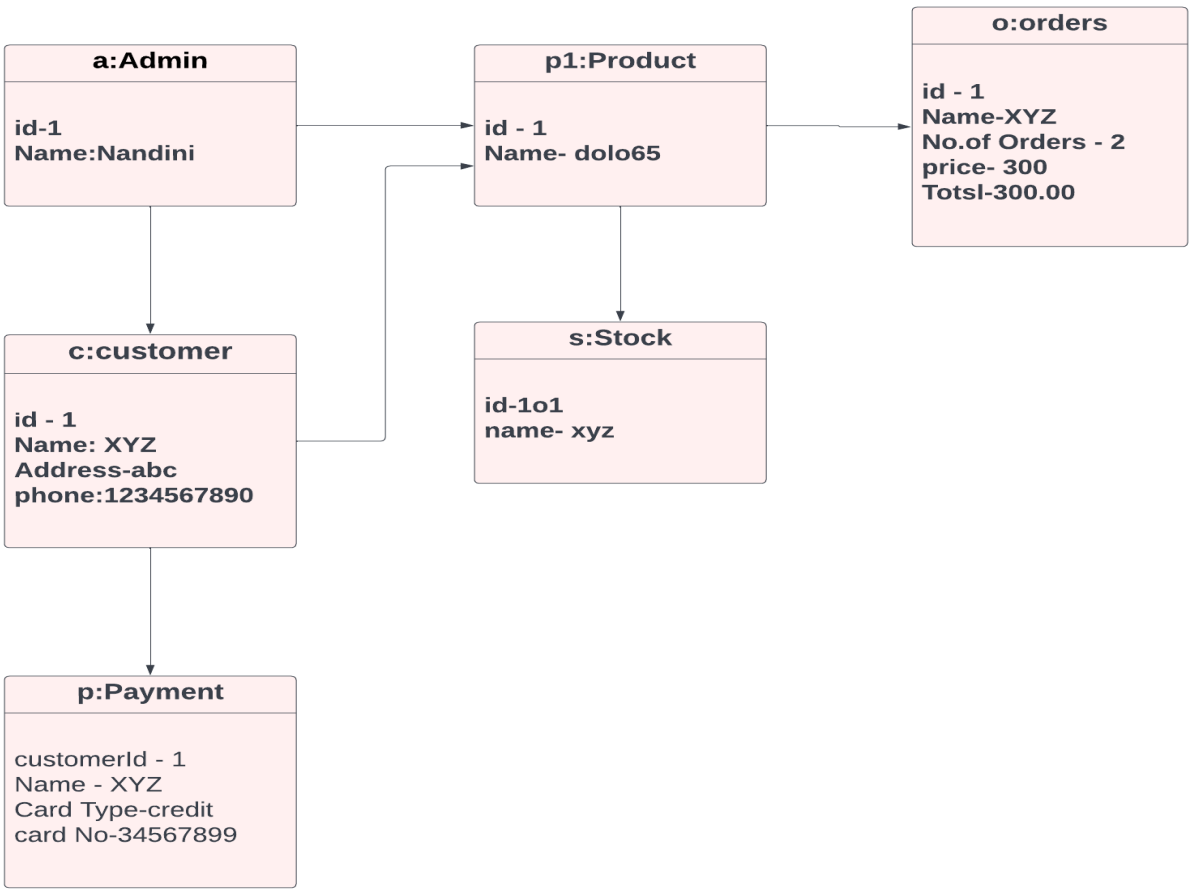
Block Diagram



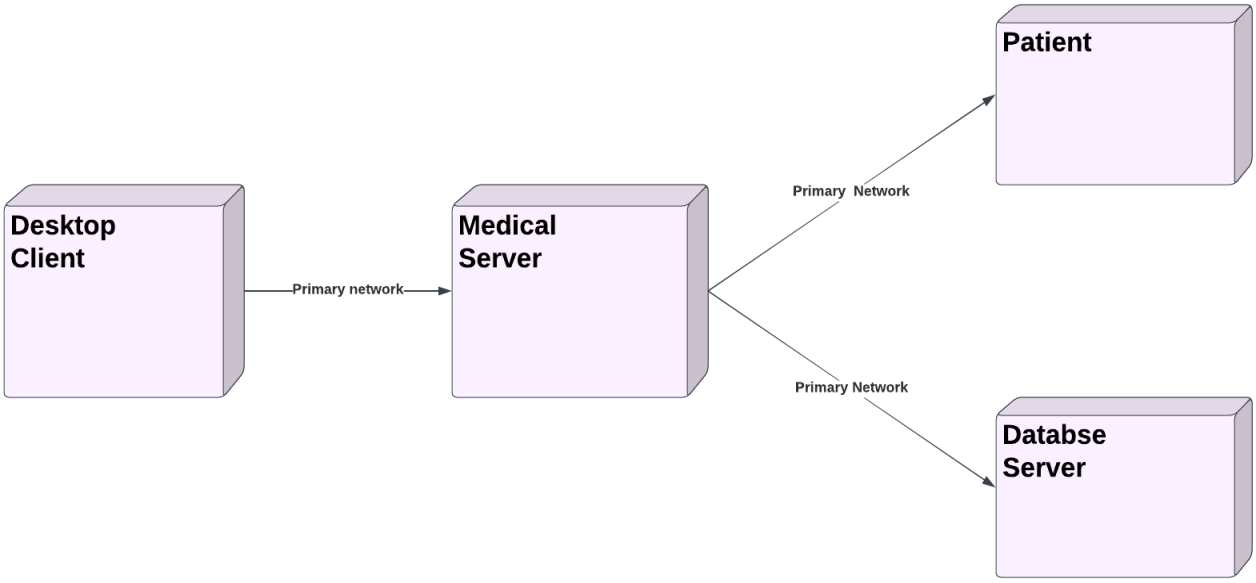
Class Diagram



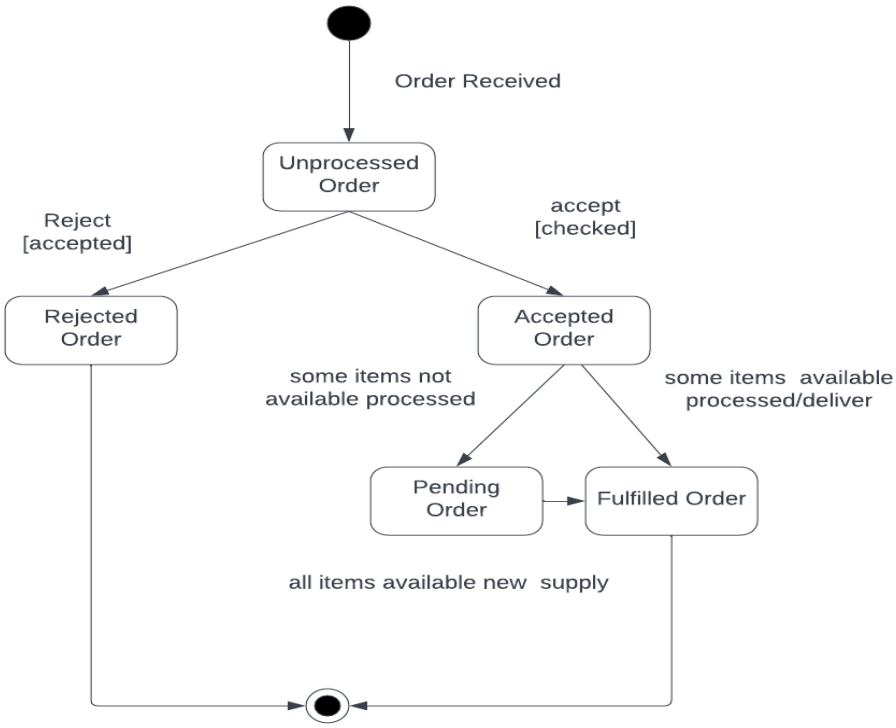
Object Diagram



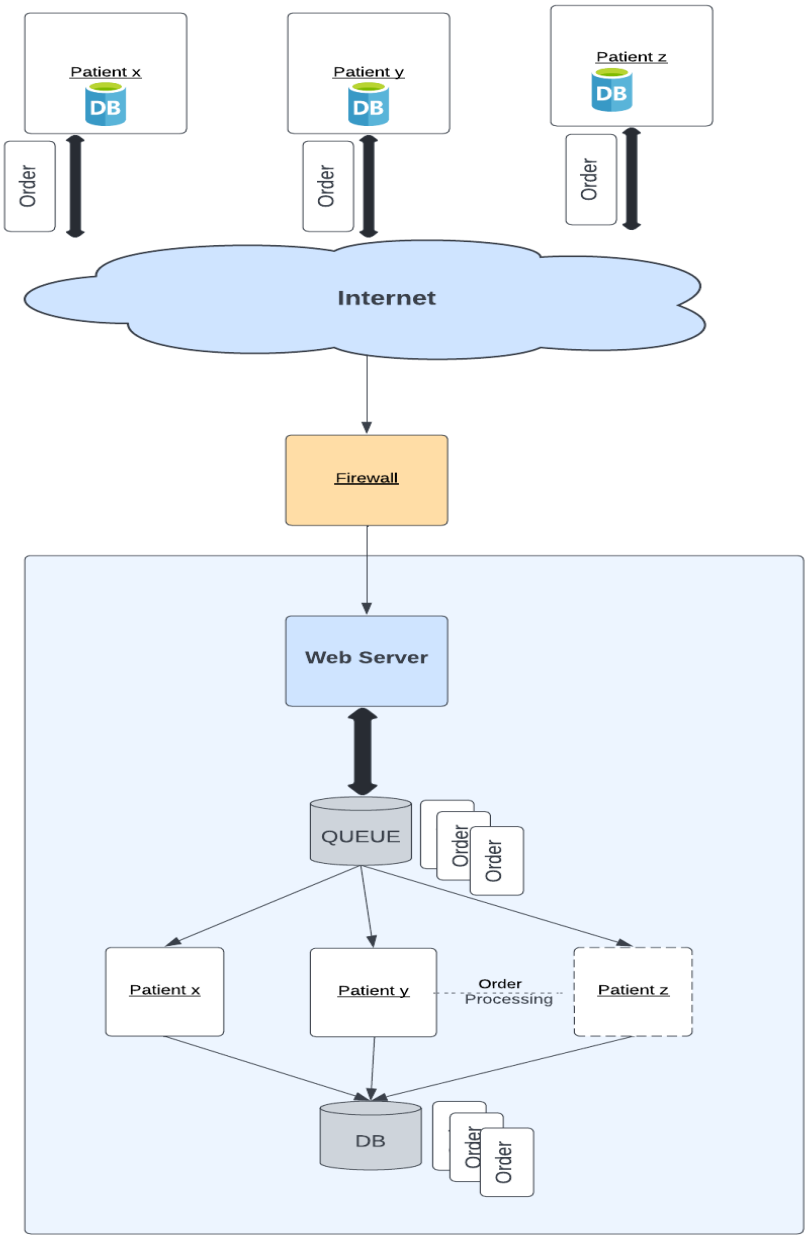
Deployment Diagram



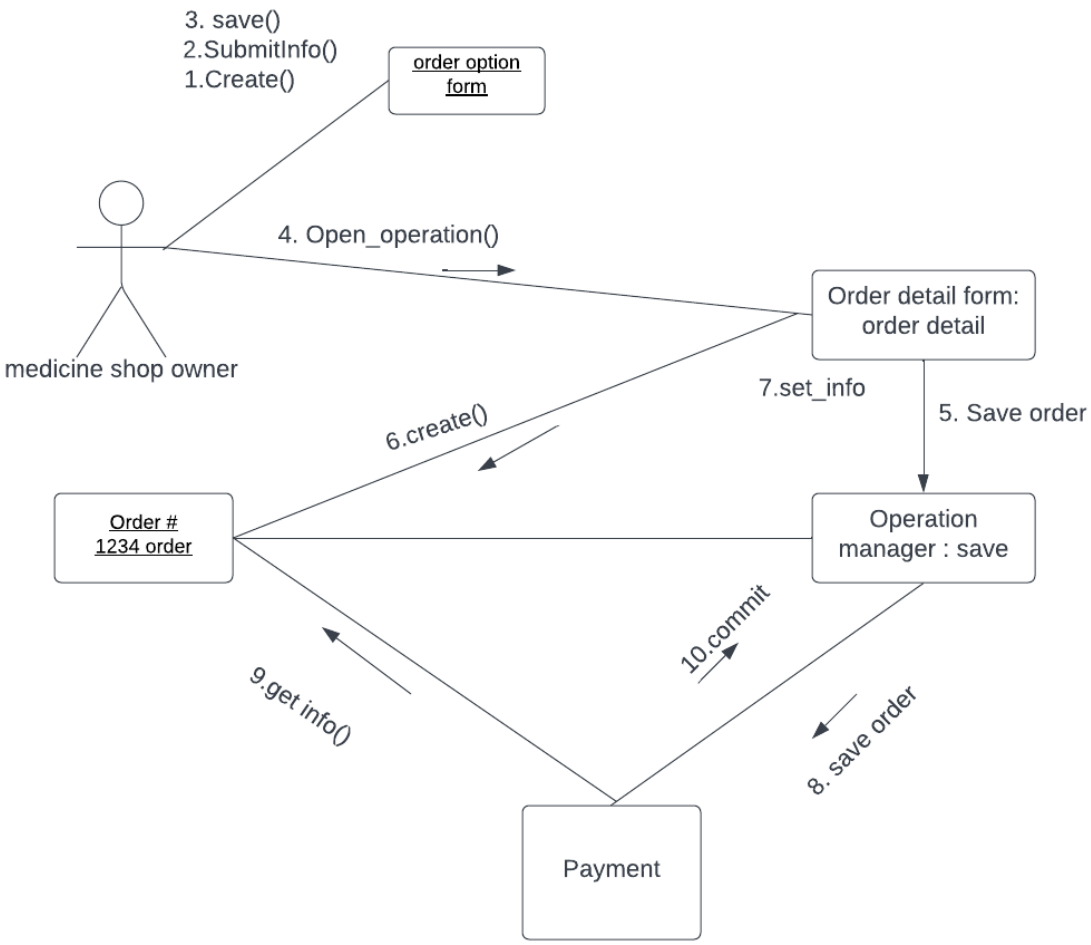
State Diagram



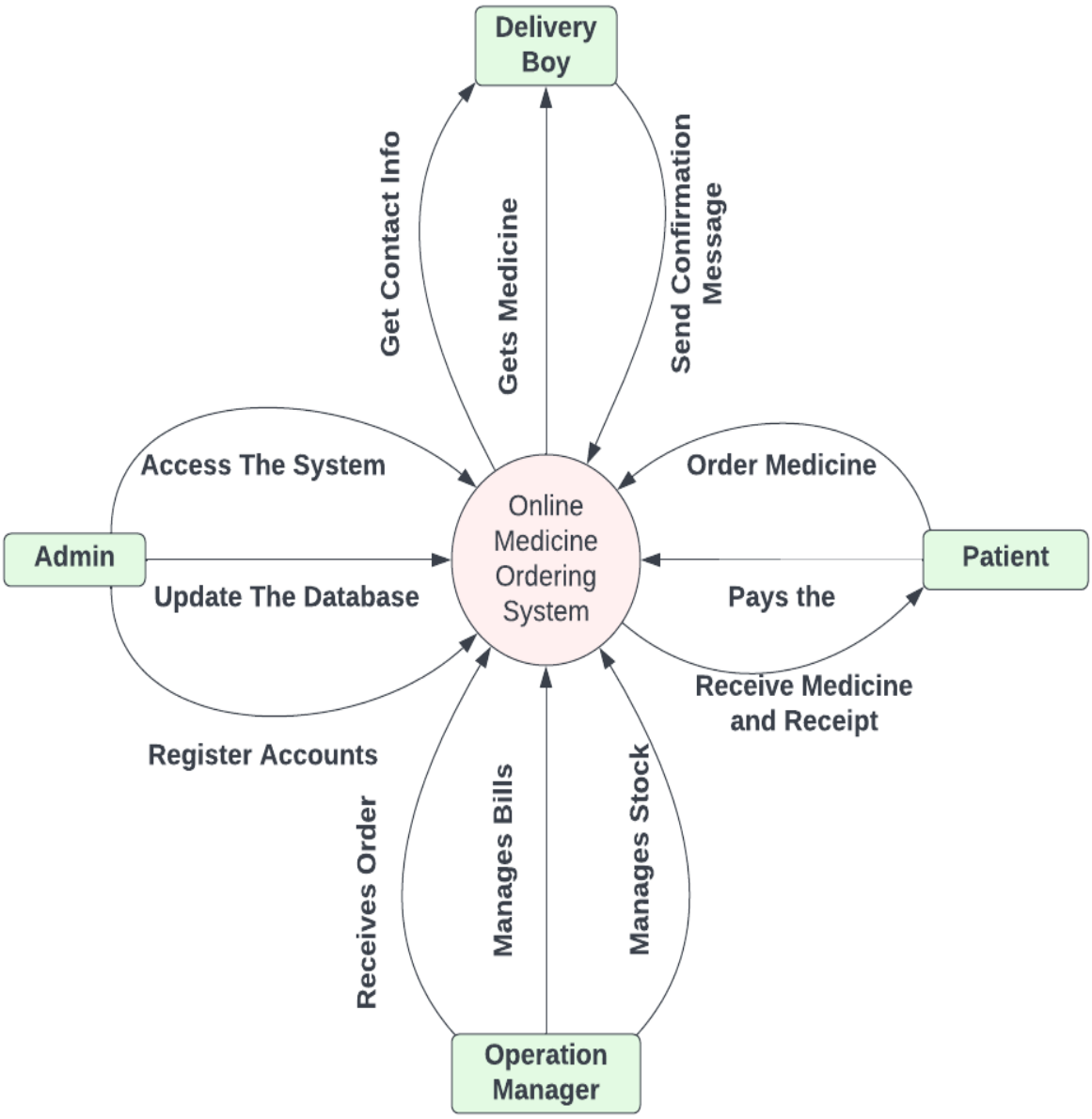
Architecture Diagram



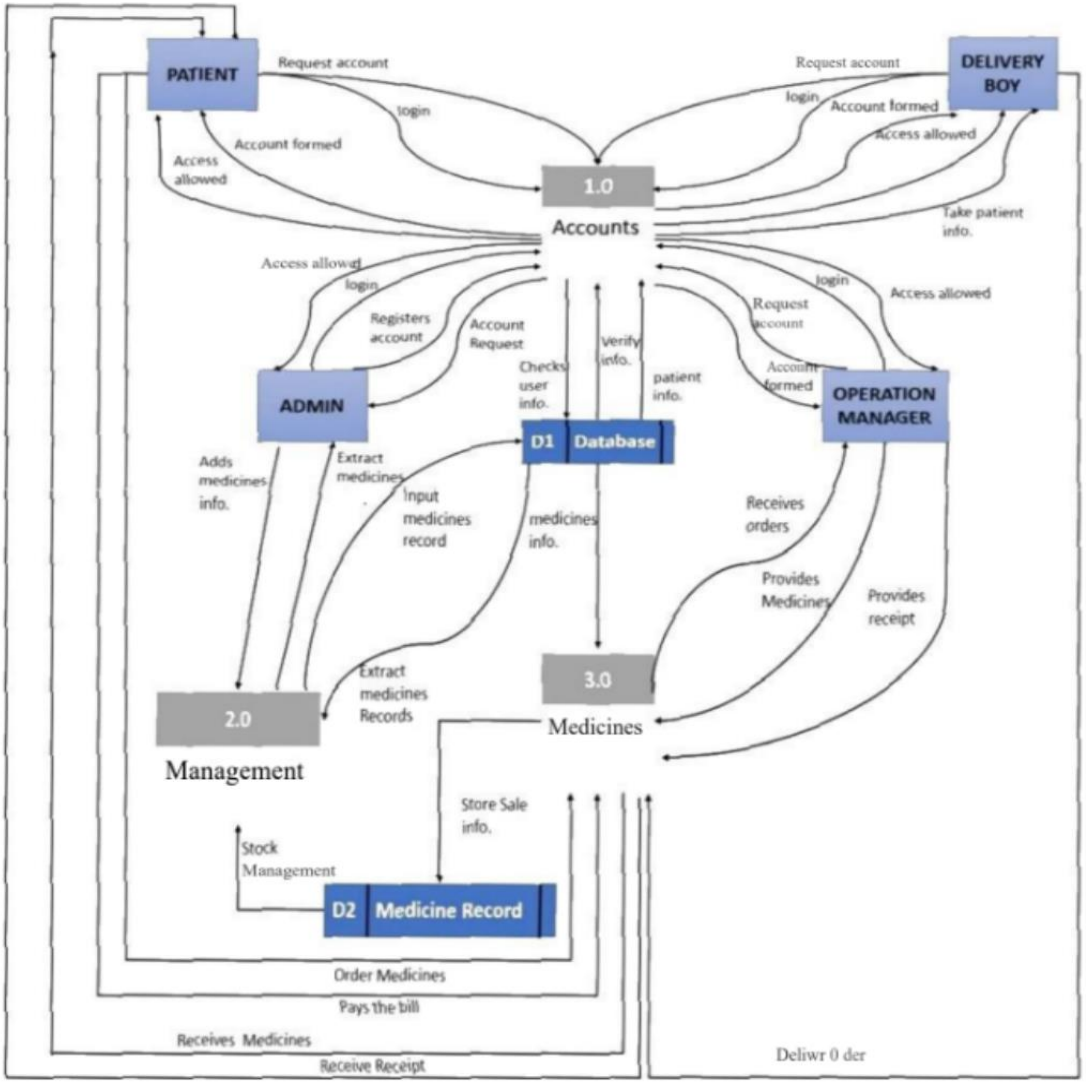
Collaboration diagram



DFD level 0


Delivery Boy
Get Contact Info
Gets Medicine
Send Confirmation Message
Access The System
Order Medicine
Admin
Online Medicine Ordering System
Patient
Update The Database
Pays the
Receive Medicine and Receipt
Register Accounts
Receives Order
Manages Bills
Manages Stock
Operation Manager

DFD level 1


PATIENT
Request account
login
Account formed
Access allowed
Access allowed
1.0
Accounts
Request account
login
Account formed
Access allowed
DELIVERY BOY
Take patient info.
Access allowed
login
Registers account
Account Request
Checks user info.
Verify info.
patient info.
Request account
Account formed
login
Access allowed
ADMIN
D1 Database
OPERATION MANAGER
Adds medicines info.
Extract medicines
Input medicines record
medicines info.
Receives orders
Provides Medicines
Provides receipt
3.0
Medicines
2.0
Management
Extract medicines Records
Store Sale info.
Stock Management
D2 Medicine Record
Order Medicines
Pays the bill
Receives Medicines
Receive Receipt
Deliwr 0 der