

Faculty of Informatics
MCA - III Sem Question Bank
Sub: Software Engg. using UML Lab

1. A patient calls the clinic to make an appointment for yearly checkup. The receptionist finds nearest empty time slot in the appointment book and schedules the appointment. Draw a Use Case diagram.
2. Draw the Class diagram for a customer orders from retail catalog. (classes: Orders, Customer, Payment, cheque or credit and items)
3. Draw a Sequence diagram for making Hotel Reservation.
4. Draw the Collaboration diagram for Hotel management.
5. Draw a State Chart diagram for logging onto online banking system. The logging consisting of SSN, PIN, Validating and Rejecting.
6. Draw an Activity diagram for "withdraw money from a bank account through an ATM".
7. Draw the Deployment diagram for showing relationships among software and hardware components involved in real estate transactions.
8. Draw the Wlass diagram for Web application.
9. Draw the Usecase diagram for ATM system.
10. Draw the Interaction diagram for Hospital Management System.
11. Draw the Activity diagram for online shopping.
12. Draw the Deployment diagram for Hospital management system.
13. Draw the Deployment diagram for Online shopping.
14. Draw the Usecase diagram for Online shopping.
15. Draw the Sequence diagram for Library management.
16. Draw the State Chart diagram for ATM system.
17. Draw the Activity diagram for Online Shopping.
18. Draw the Interaction diagram for Software development life cycle.
19. Draw the Sequence diagram for Hotel Managent System.
20. Draw the Data Flow diagram for Library management system.
21. Perform Unit and Integration testings using testing tool.
22. Draw the Object diagram for Online shopping.
23. Draw the interaction diagram for Credit card processing system.
24. Draw the usecase diagram for Online shopping.
25. To withdraw cash from a bank account ,draw a Usecase diagram and activity diagram.
26. Draw the State diagram for admission into a college.
27. Draw the Usecase diagram and activity for online ordering.
28. Draw the Sequence diagram for Online booking for an airline ticket.
29. Draw the Activity diagram for Online Auction.
30. Draw the Interaction diagram for online admissions.