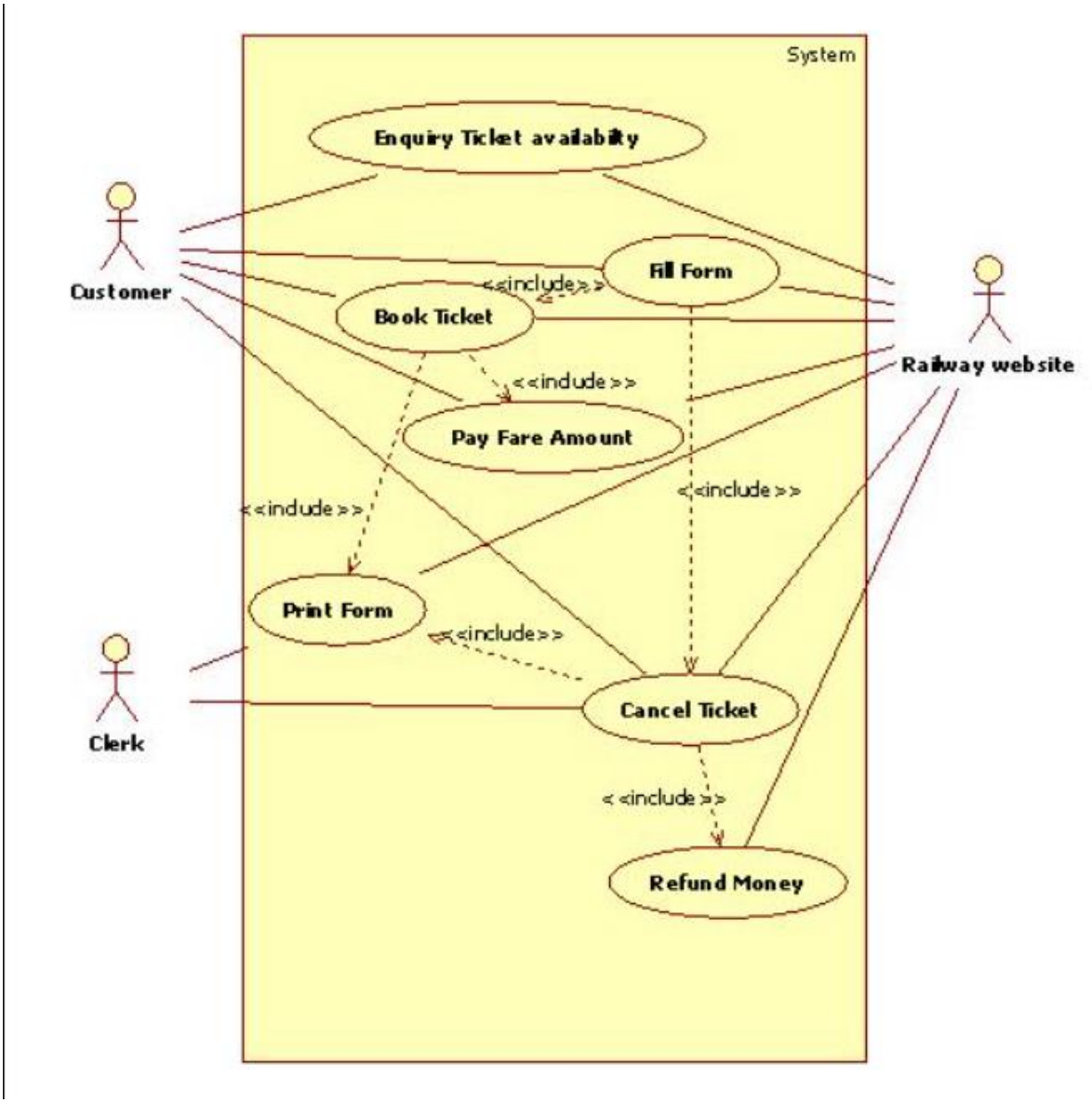
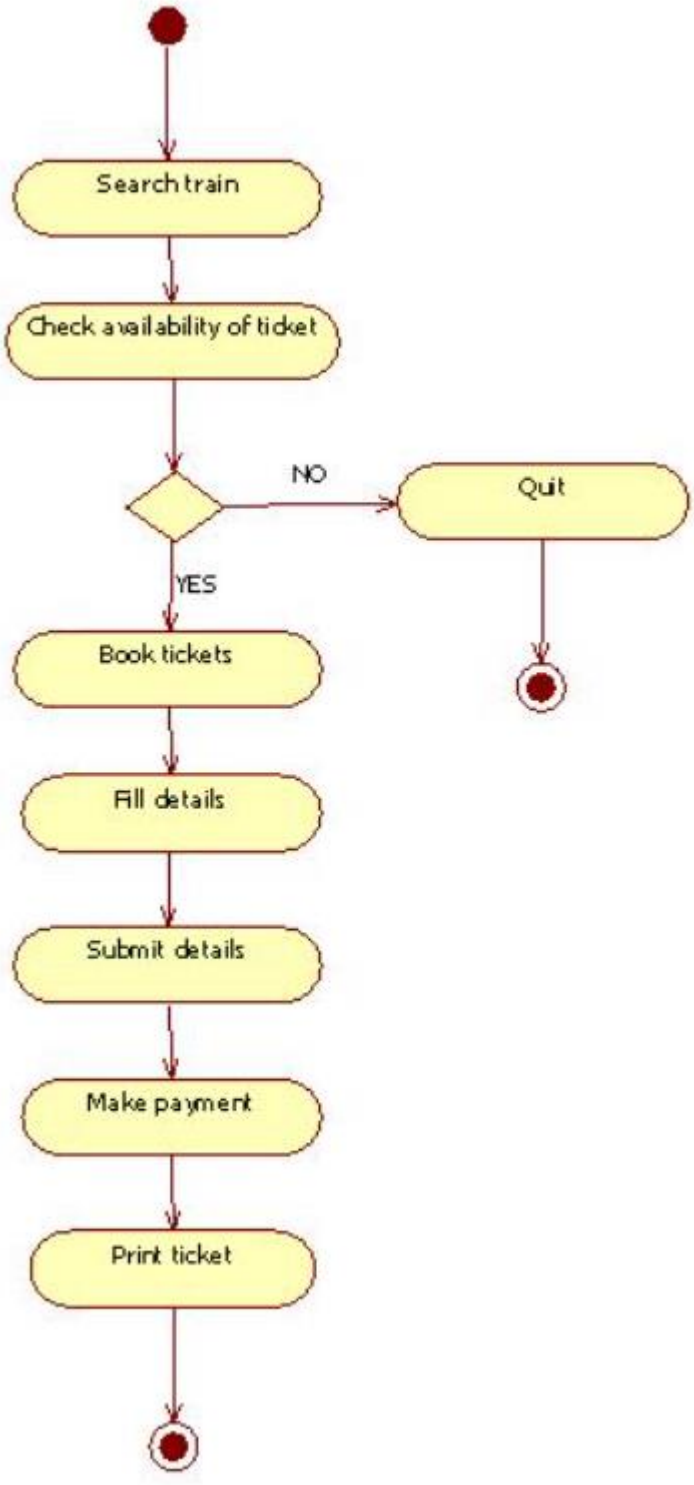
RAILWAY RESERVATION SYSTEM

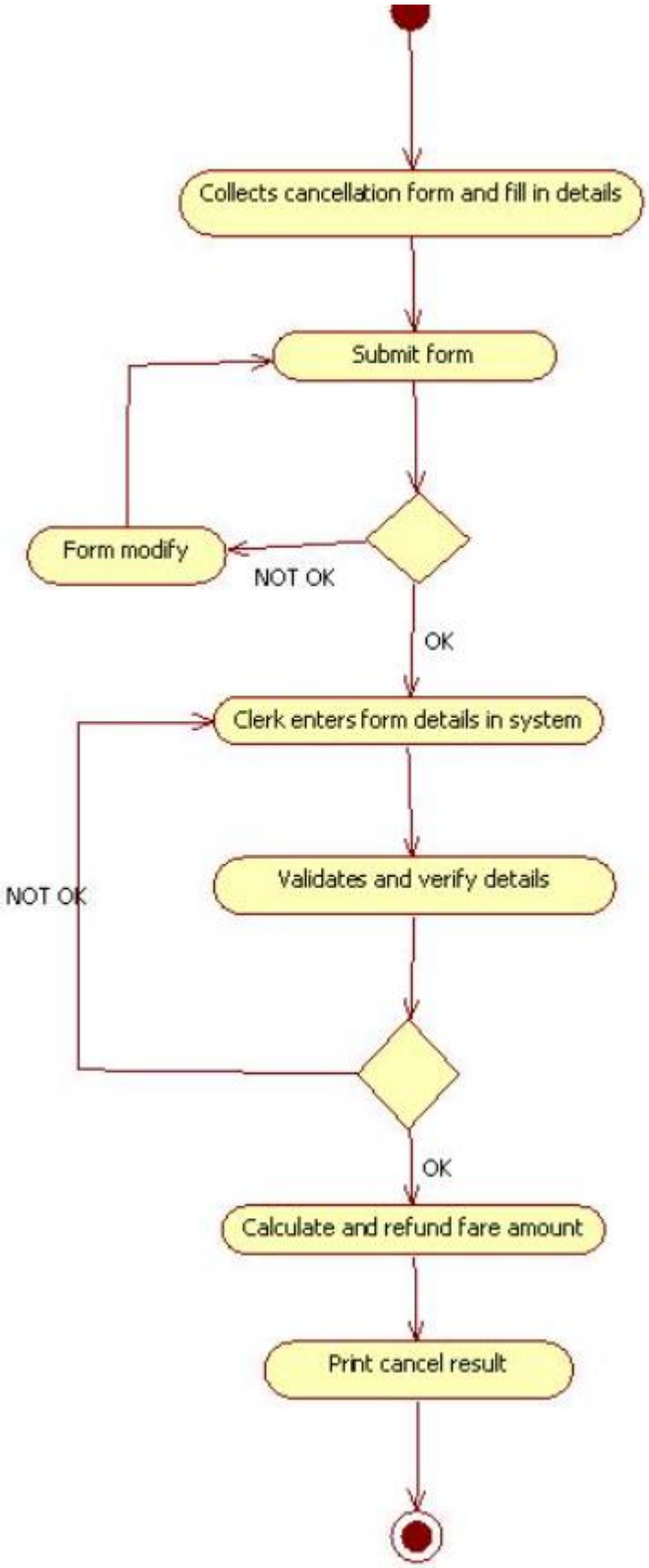
Use Case Diagram :- Railway Reservation



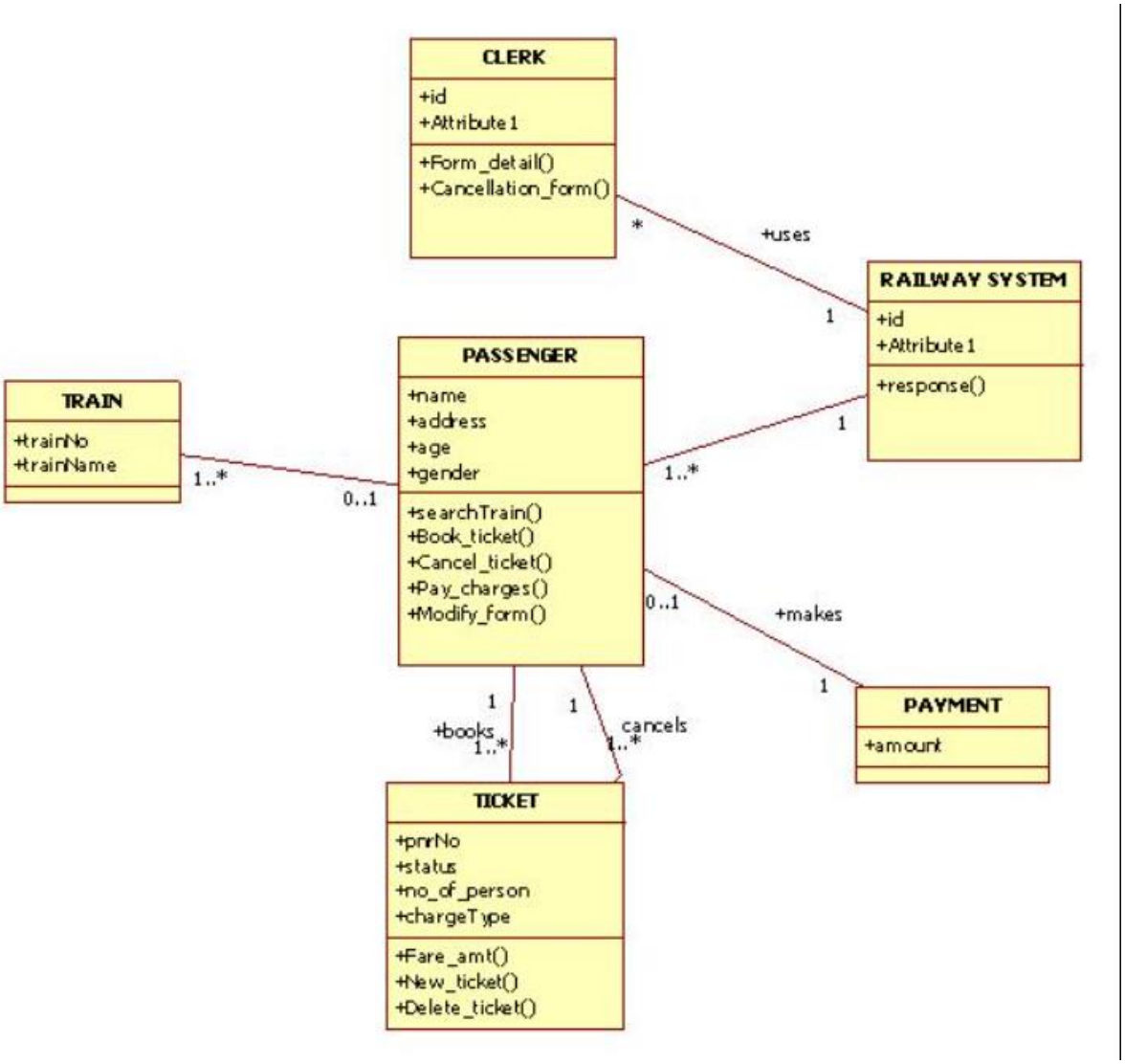
ACTIVITY DIAGRAM FOR BOOKING TICKET:



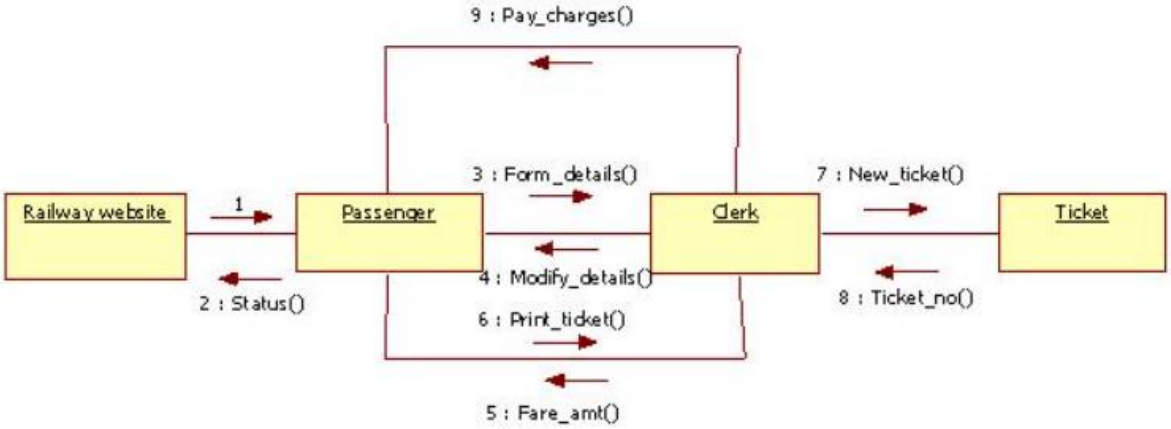
ACTIVITY DIAGRAM FOR CANCEL TICKE



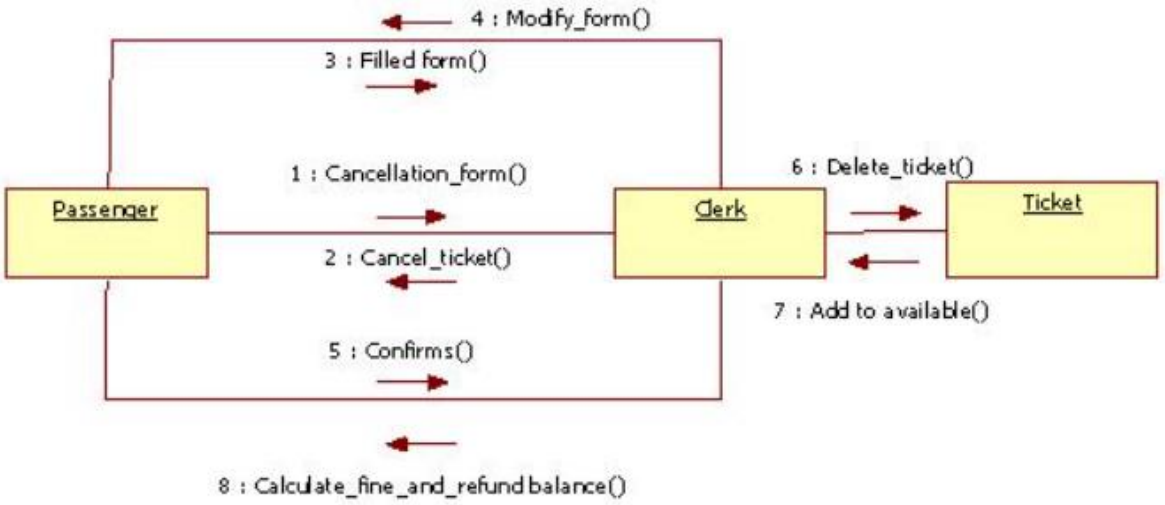
CLASS DIAGRAM FOR RAILWAY RESERVATION SYSTEM:



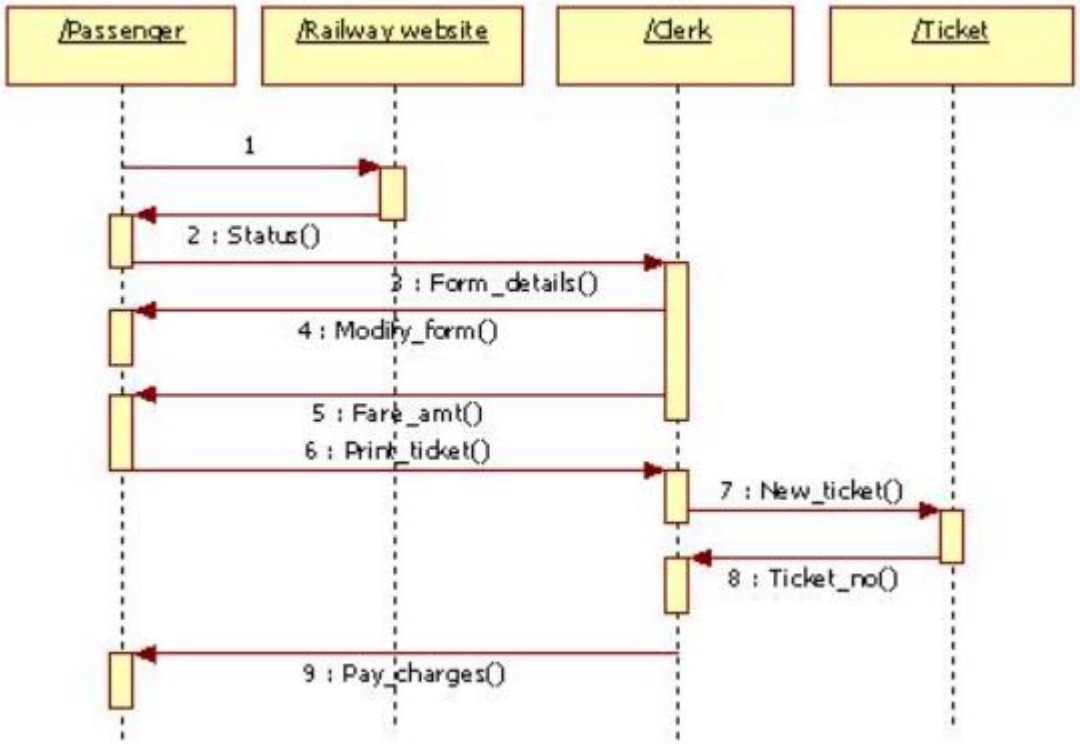
COLLABORATION DIAGRAM FOR BOOKING TICKET



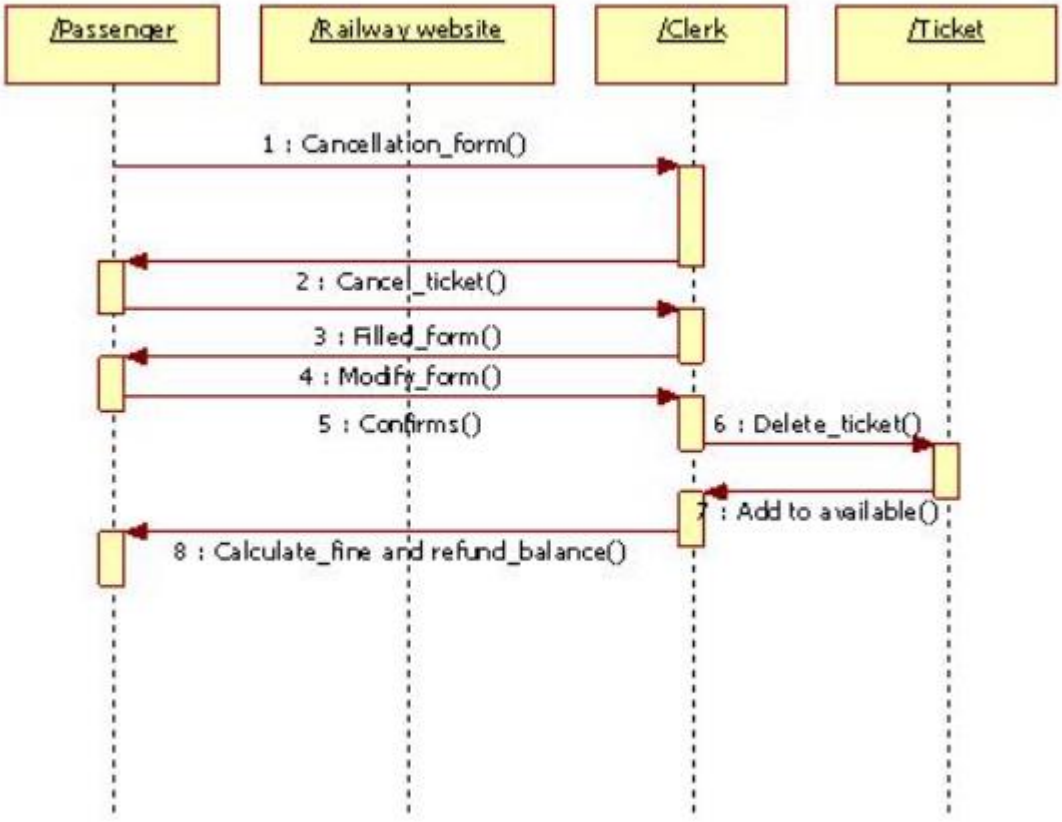
COLLABORATION DIAGRAM FOR CANCEL TICKET:



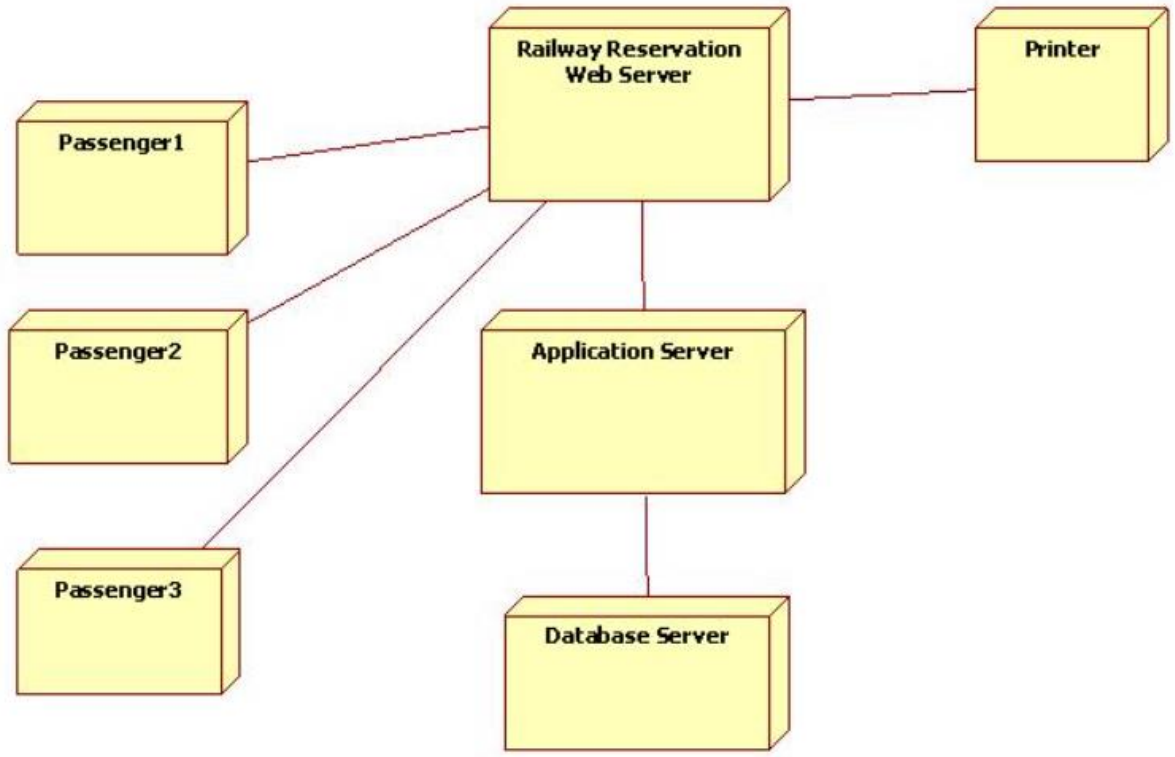
SEQUENCE DIAGRAM FOR BOOKING TICKET:



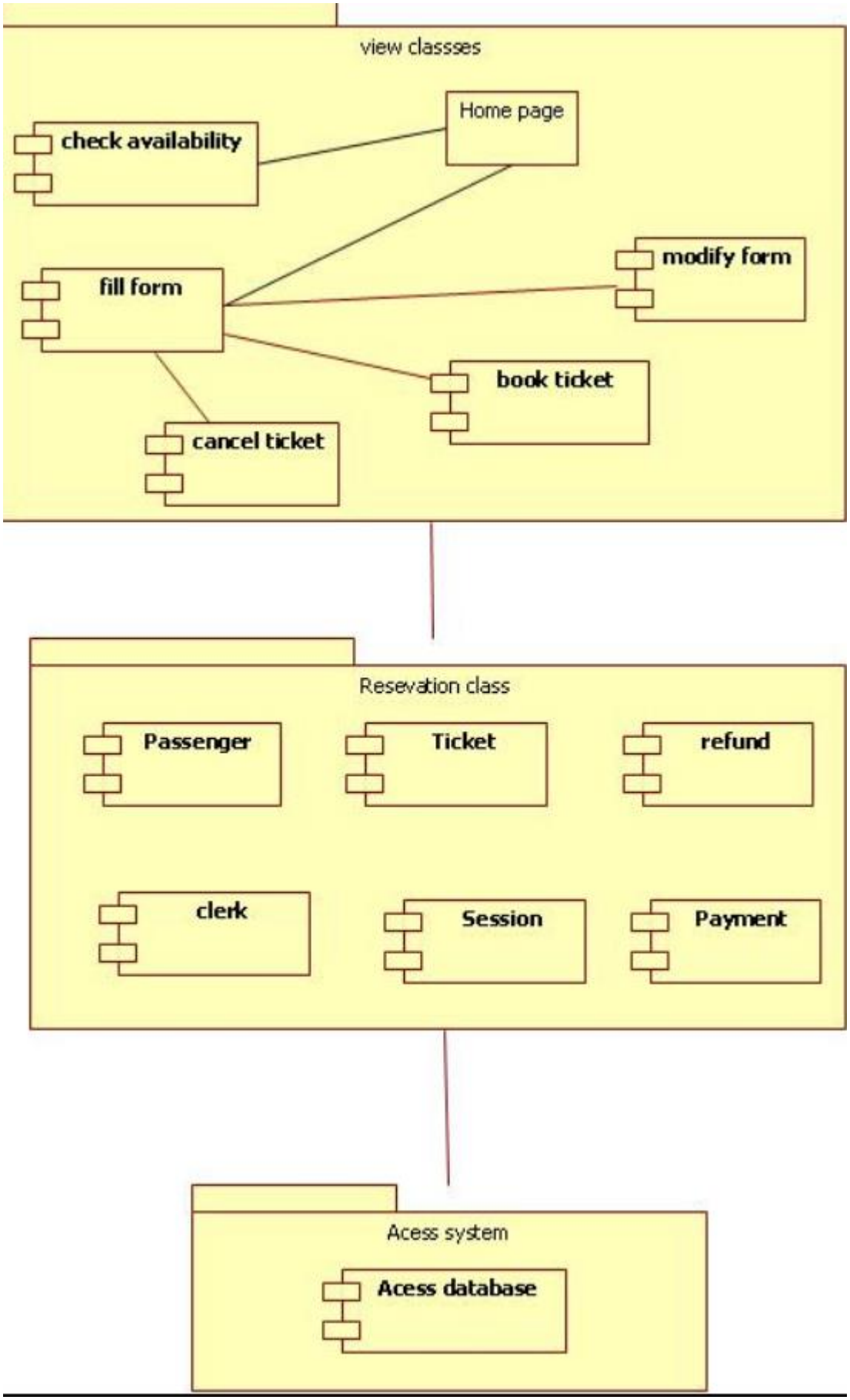
SEQUENCE DIAGRAM FOR CANCEL TICKET:



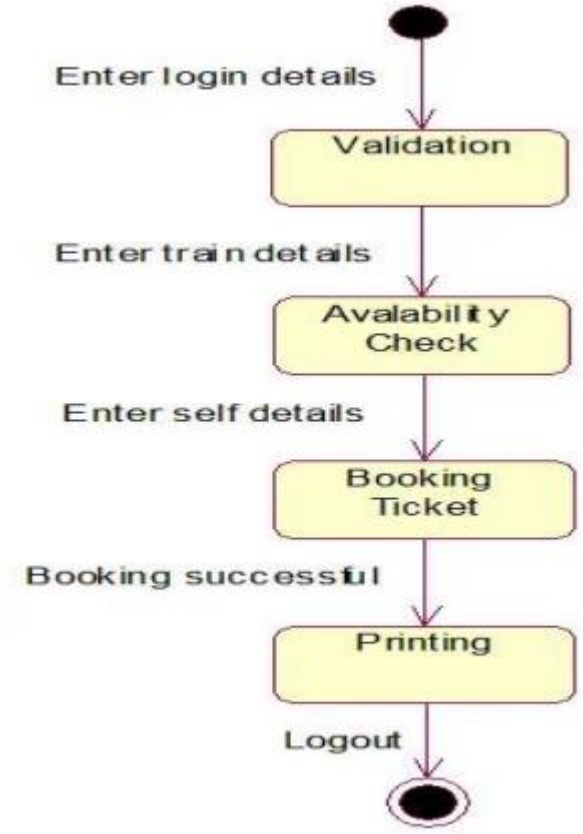
DEPLOYMENT DIAGRAM FOR RAILWAY RESERVATION SYSTEM:



COMPONENT DIAGRAM FOR RAILWAY RESERVATION SYSTEM :


view classses
Home page
check availability
modify form
fill form
book ticket
cancel ticket
Resevation class
Passenger
Ticket
refund
clerk
Session
Payment
Acess system
Acess database

State chart


Enter login details
Validation
Enter train details
Avalability Check
Enter self details
Booking Ticket
Booking successful
Printing
Logout

ATM Case Study

1 .Use Case Diagram for ATM System, with use case specification.

Step1: First an Actor is Created and named as User/Customer.
Step2: Secondly a system is created for ATM.

Step3: A use case Enter PIN, Withdraw money is created and connected with user as association relationship.

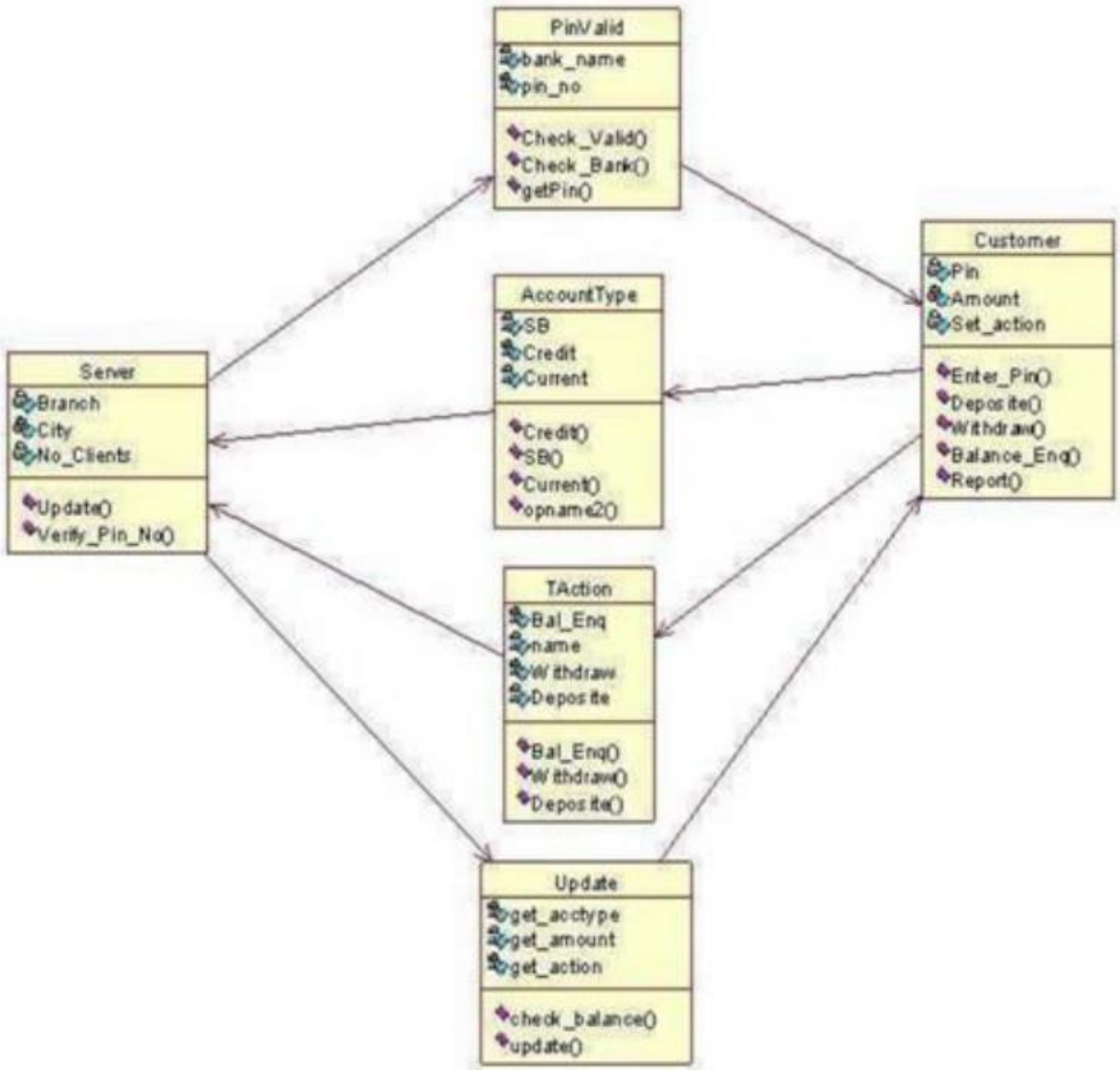
Step4: Similarly various use cases like Deposit money, Balance Enquiry, Manage Account etc are created and appropriate relationships are associated with each of them.

2. Identify the classes for the ATM system and draw the Class Diagram

Step1: First Classes are created.

Step2: Named as PinValid, Account Type, Transaction, Update, Server, Customer classes are created.

Step3: Appropriate relationships are provided between them as association.



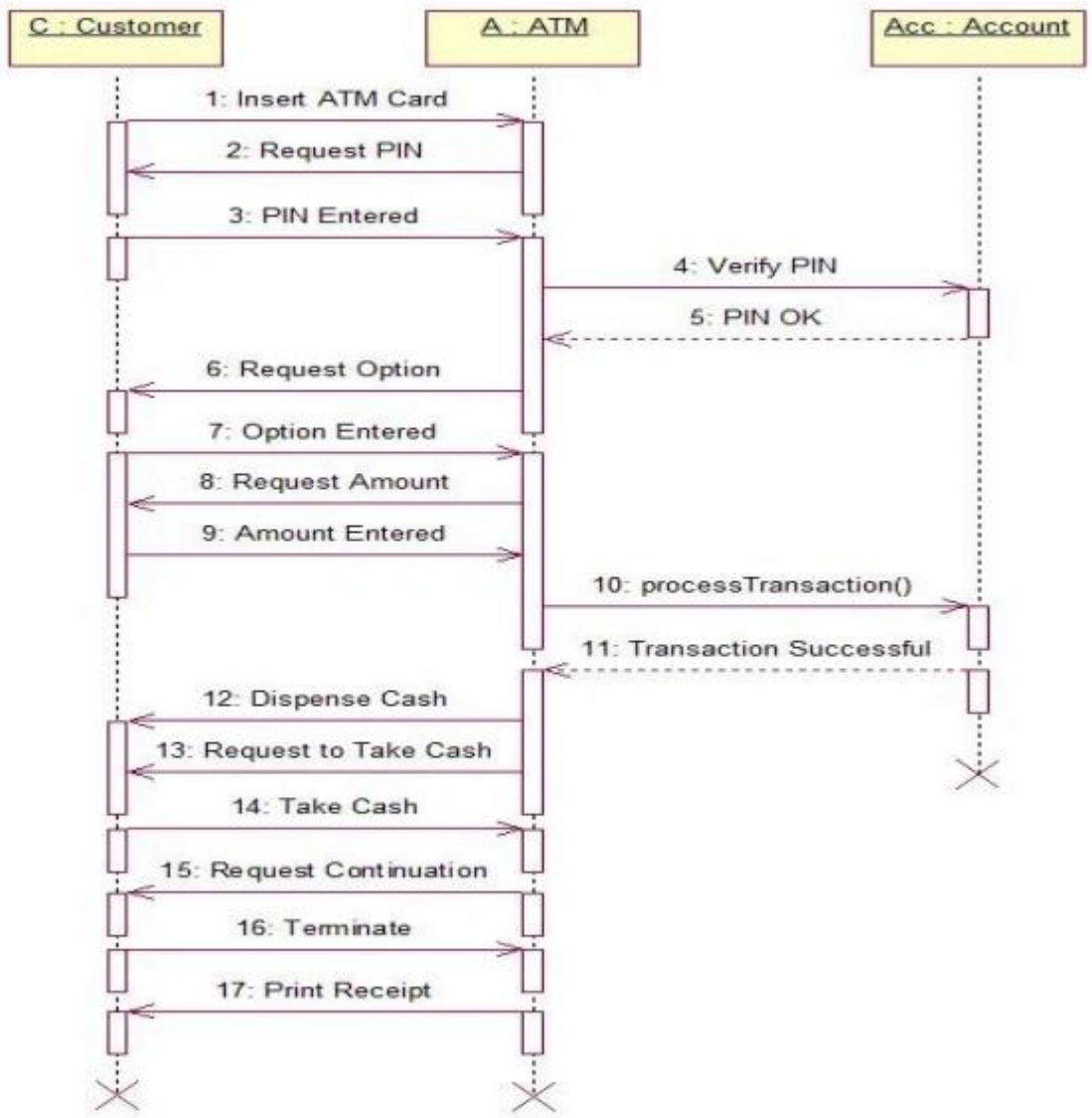
3. Draw the Sequence for each of the use cases Identified.

Step1: First An actor is created and named as user.

Step2: Secondly an object is created for Atm.

Step3: Timelines and lifelines are created automatically for them.

Step4: In sequence diagram interaction is done through time ordering of messages. So appropriate messages are passed between user and ATM is as shown in the figure.



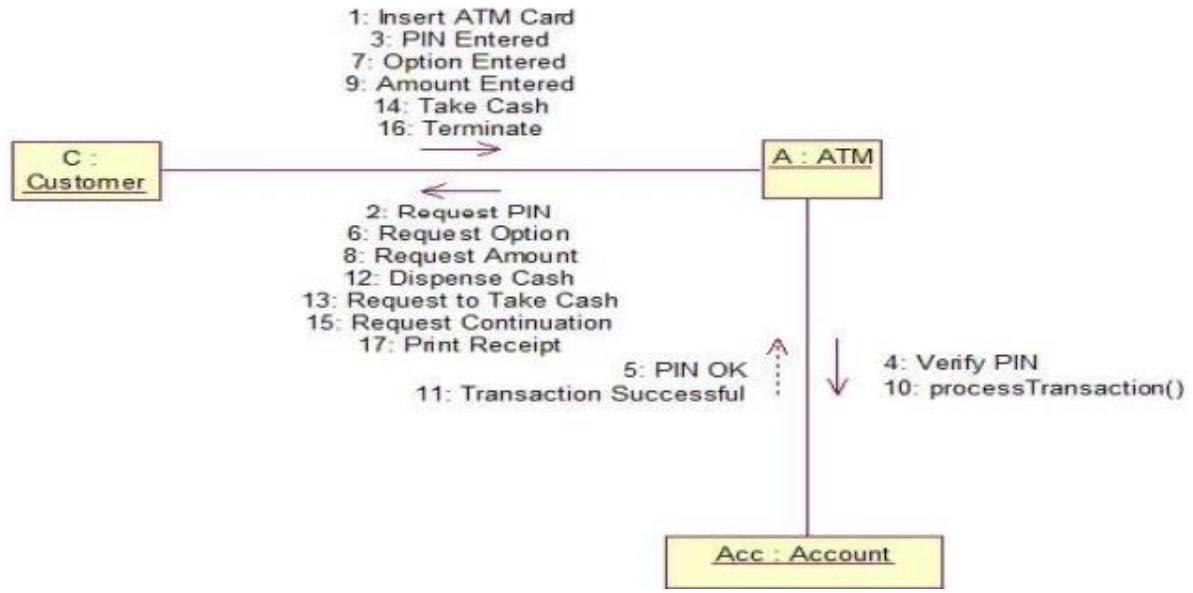
Collaboration diagram:

Step1: First an actor is created and named as user.

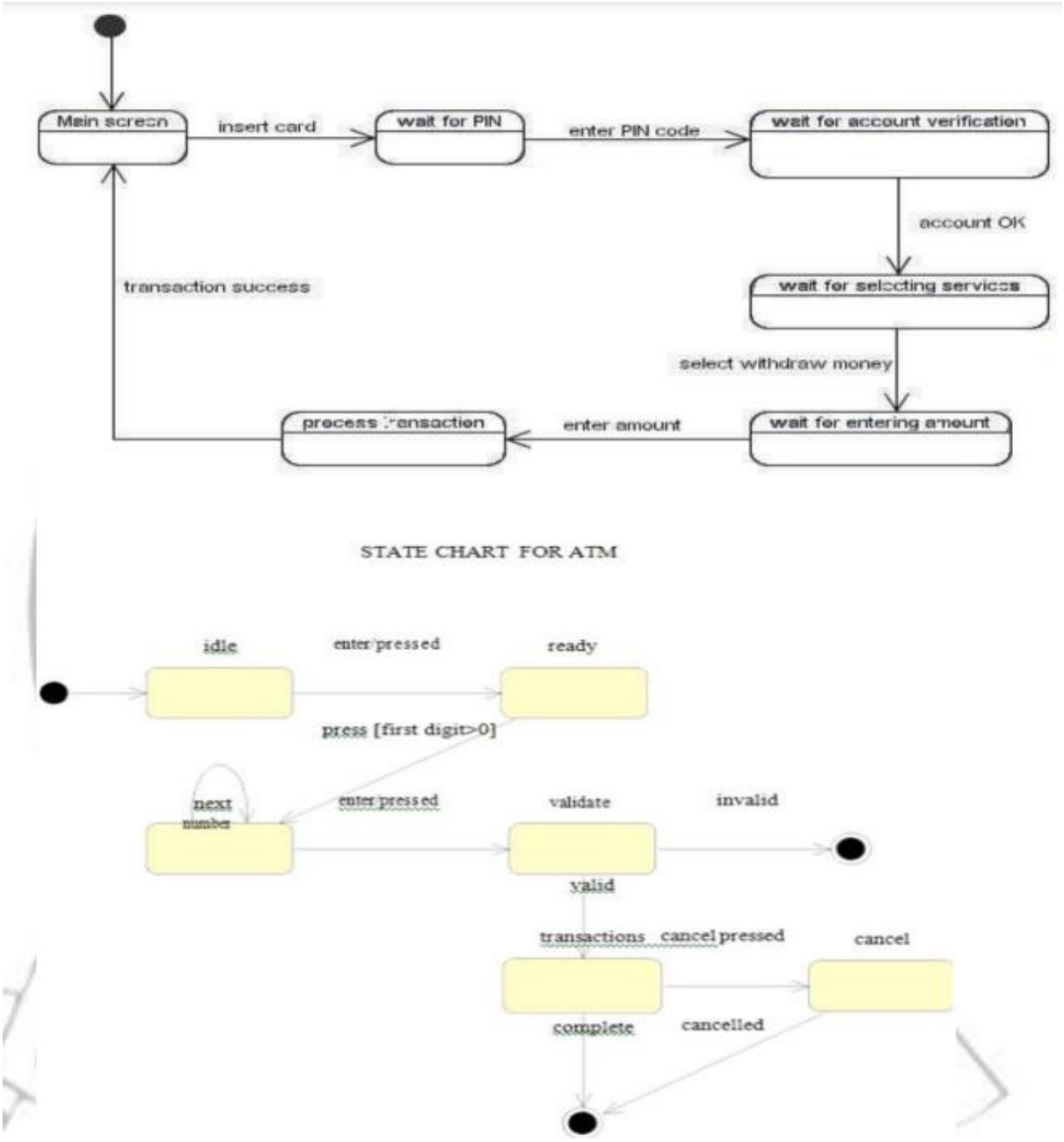
Step2: Secondly an object is created for ATM.

Step3: In collaboration diagram interaction is done through organization.

Step4: So appropriate messages are passed between user and ATM as shown in the figure.



Draw the State chat Diagram for the system.



Draw the Activity Diagram for the system

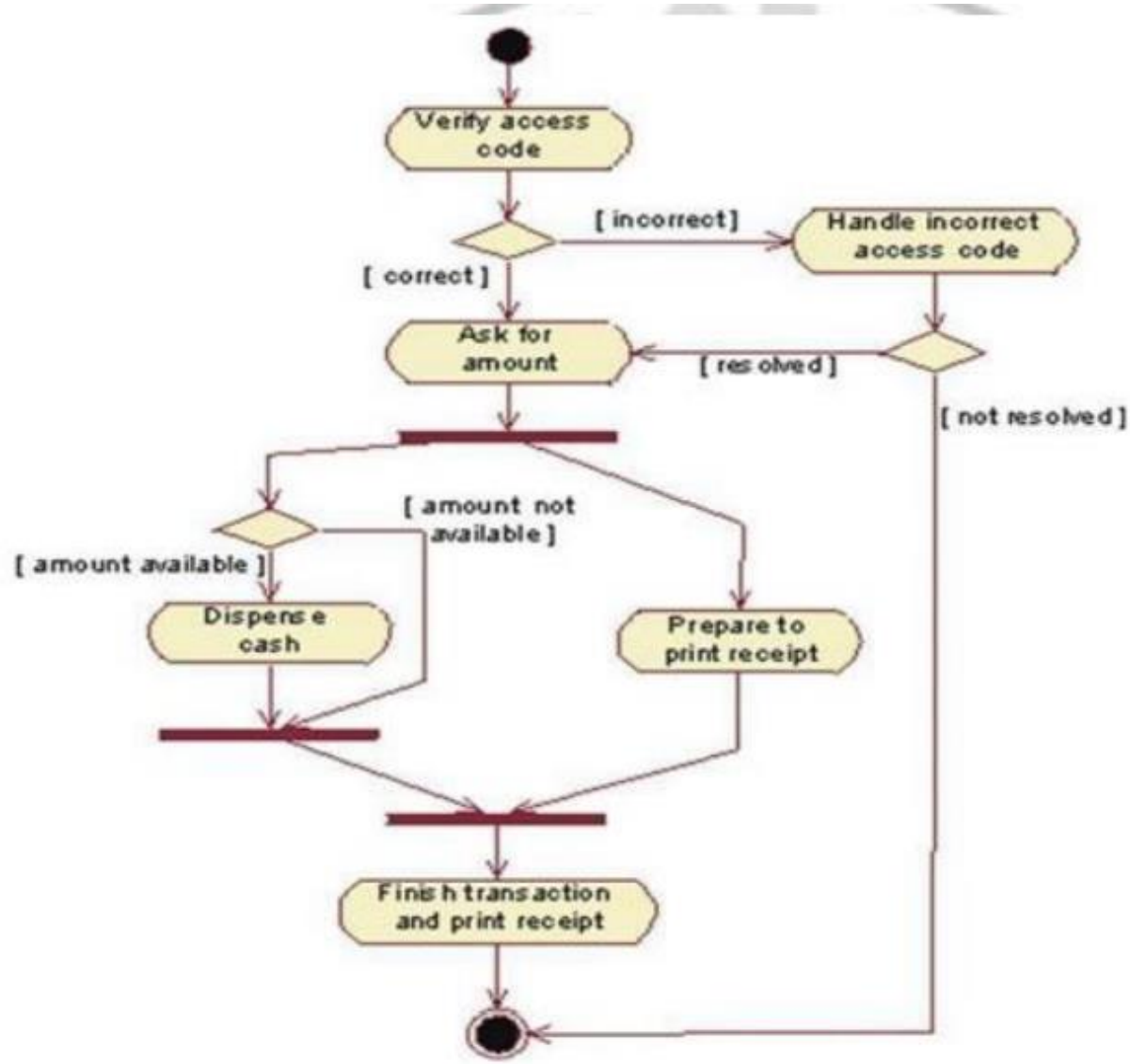
Step1: First initial state is created.

Step2: After that it goes to the action state insert card.

Step3: Next it undergoes transition to the state enter pin

Step4: In this way it undergoes transitions to the various states.

Step5: Use forking and joining wherever necessary



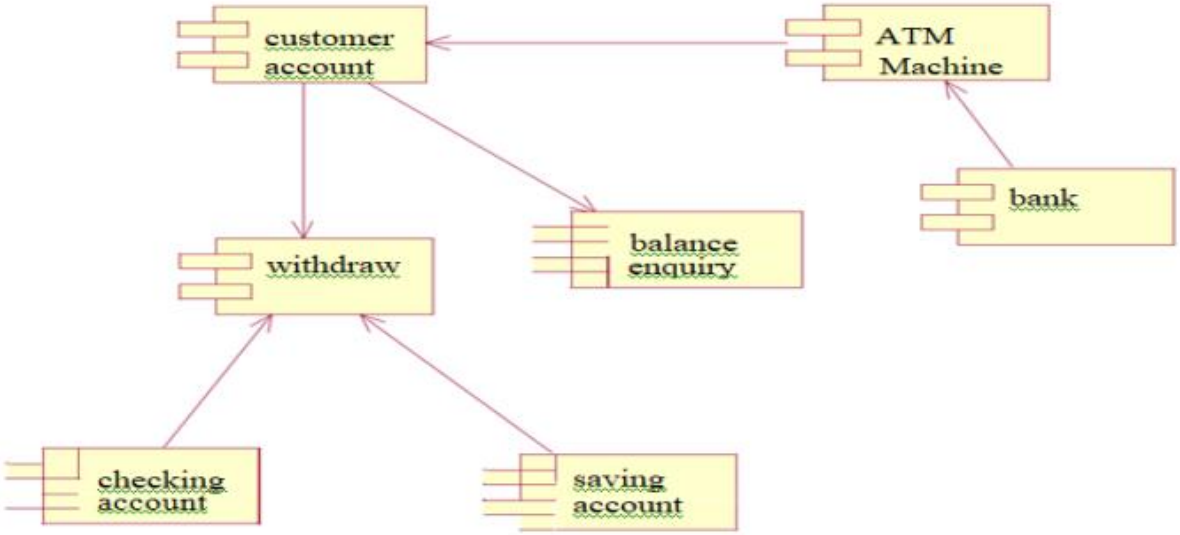
Draw the Component Diagram for the system

Step1: First user component is created.

Step2: ATM system package is created.

Step3: In it various components such as withdraw money, deposit money, check balance, transfer money etc. are created.

Step4: Association relationship is established between user and other components.



Draw the deployment Diagram for the system