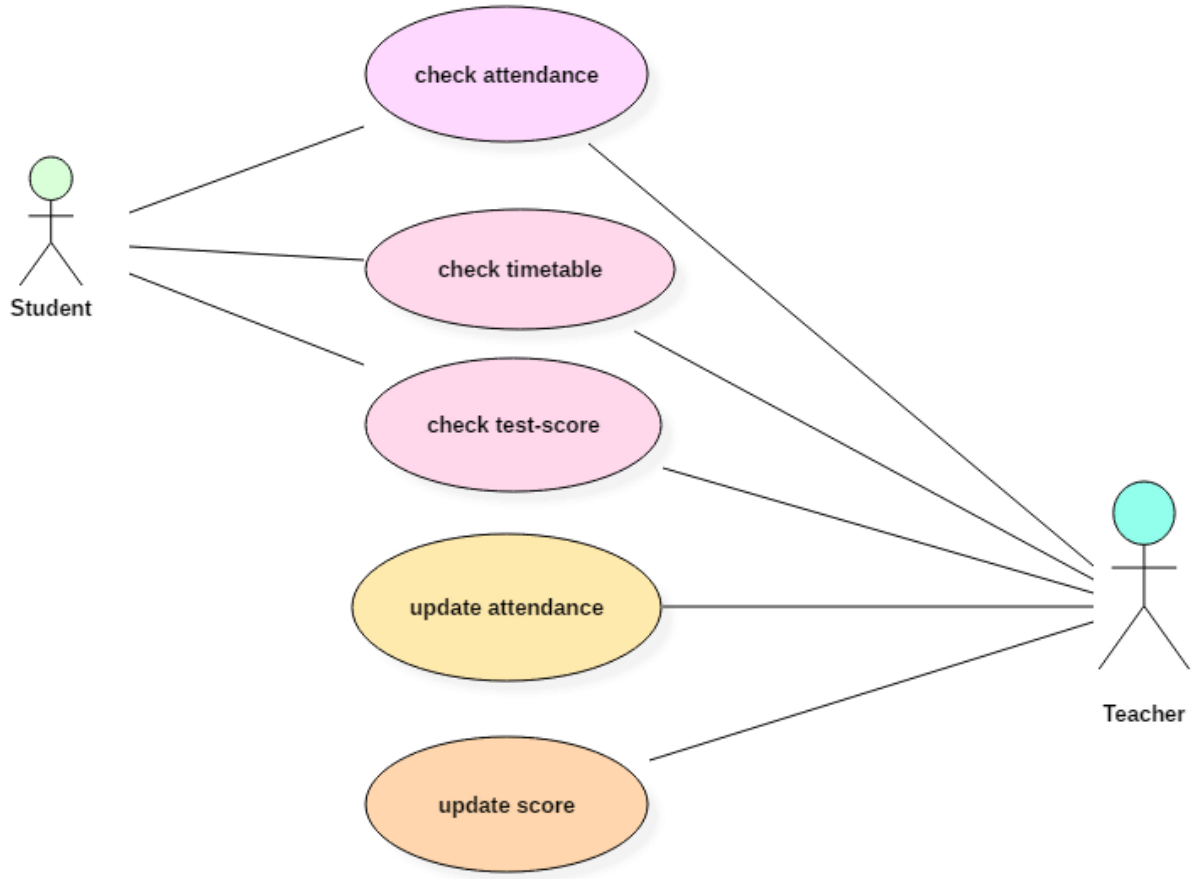
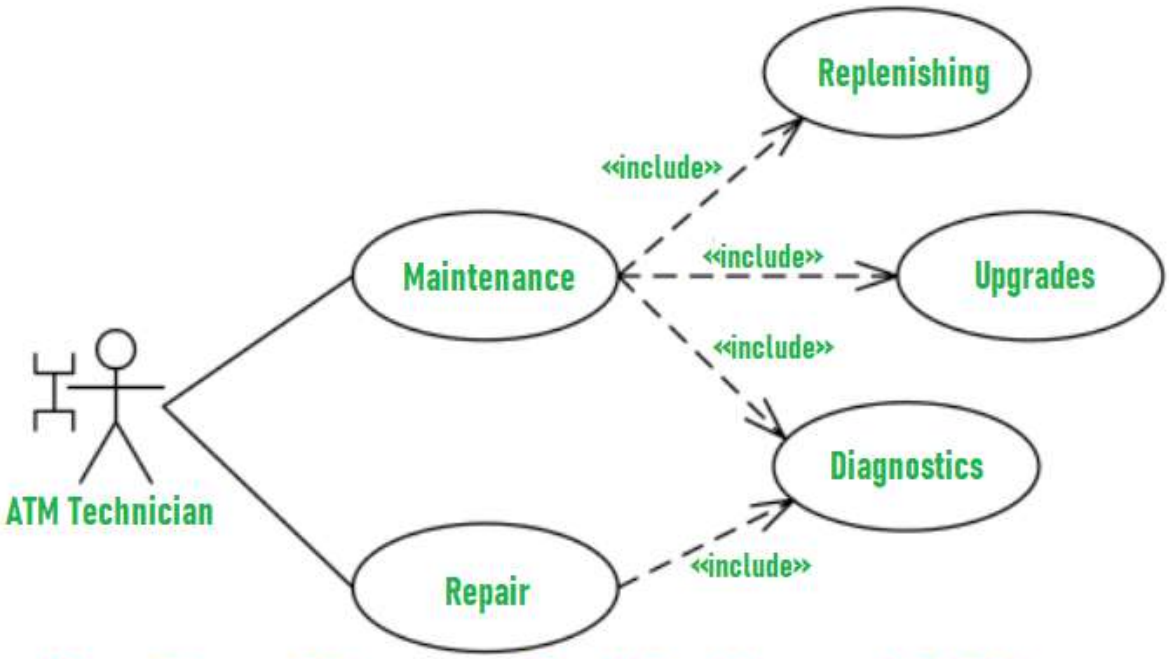
Use Case diagrams

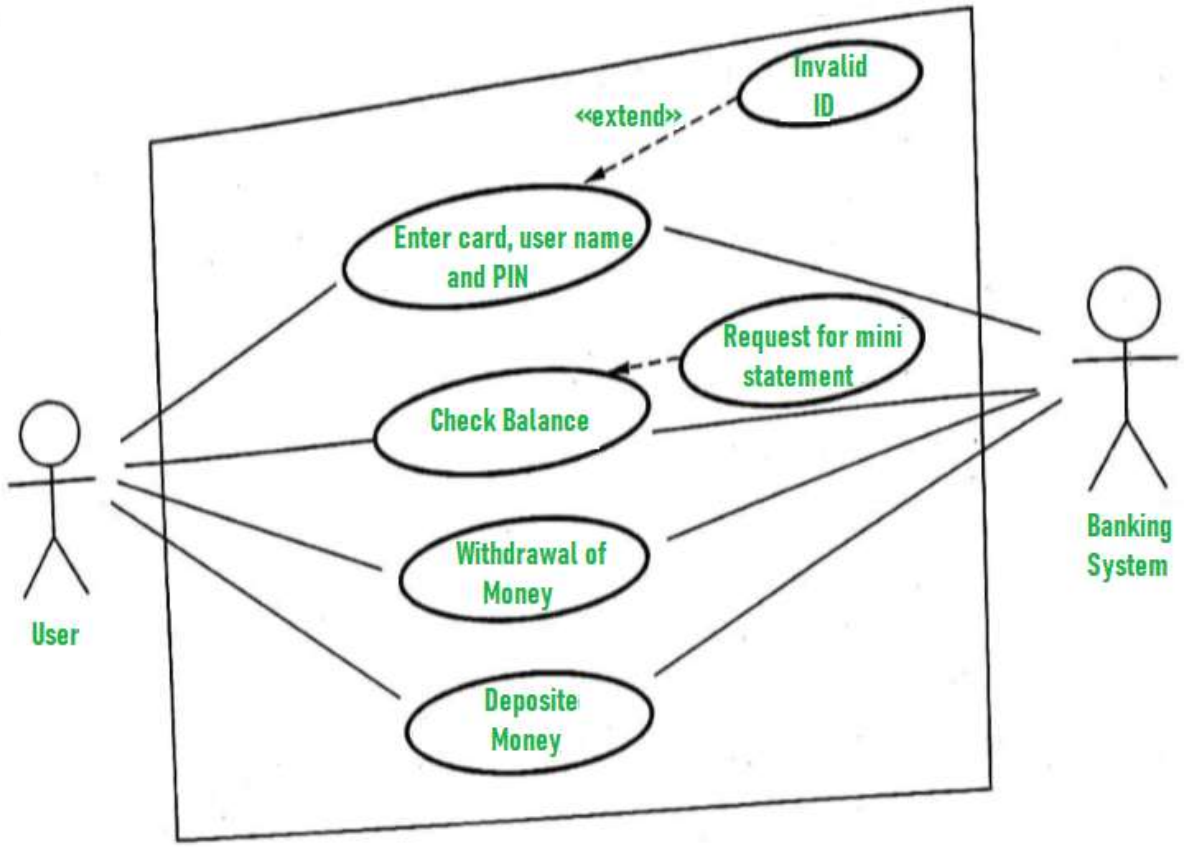
1. student management system



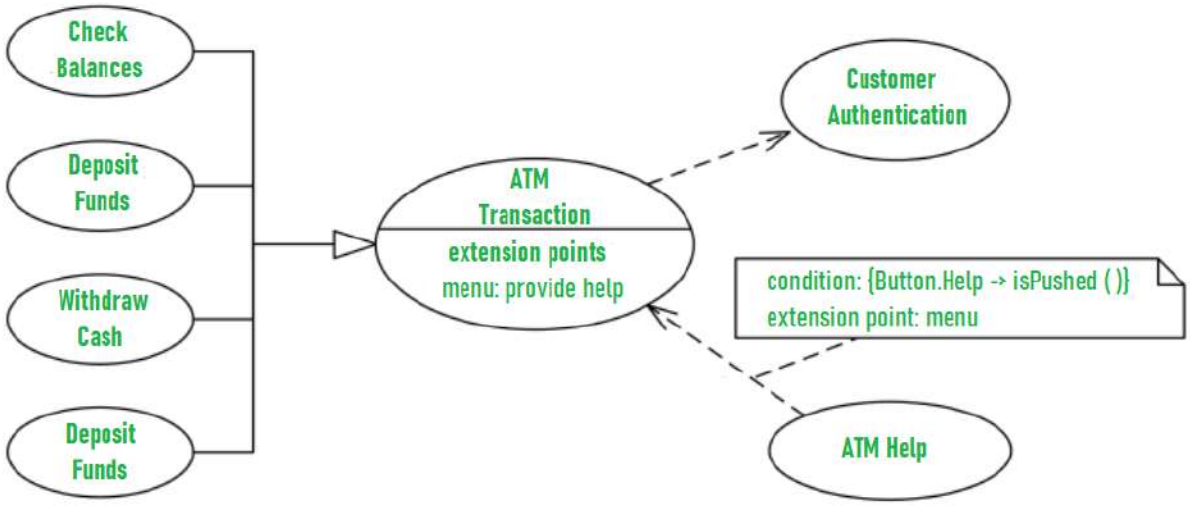
2, ATM system



Use Case Diagram for Working of ATM Technician

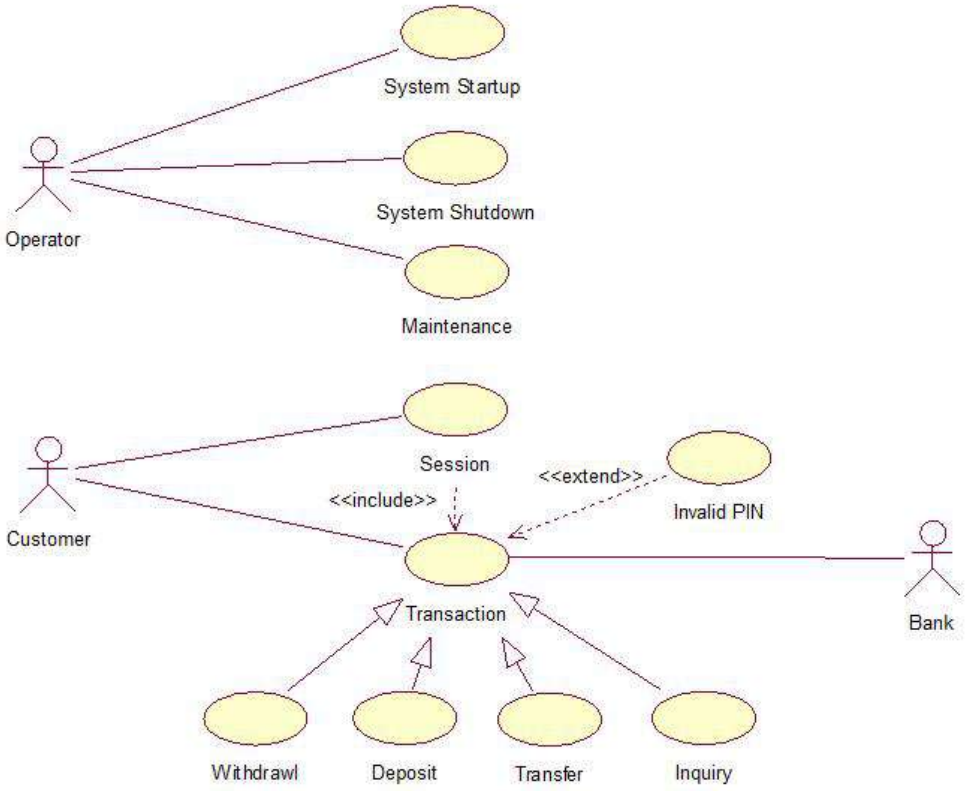


Use Case Diagram for Bank ATM System

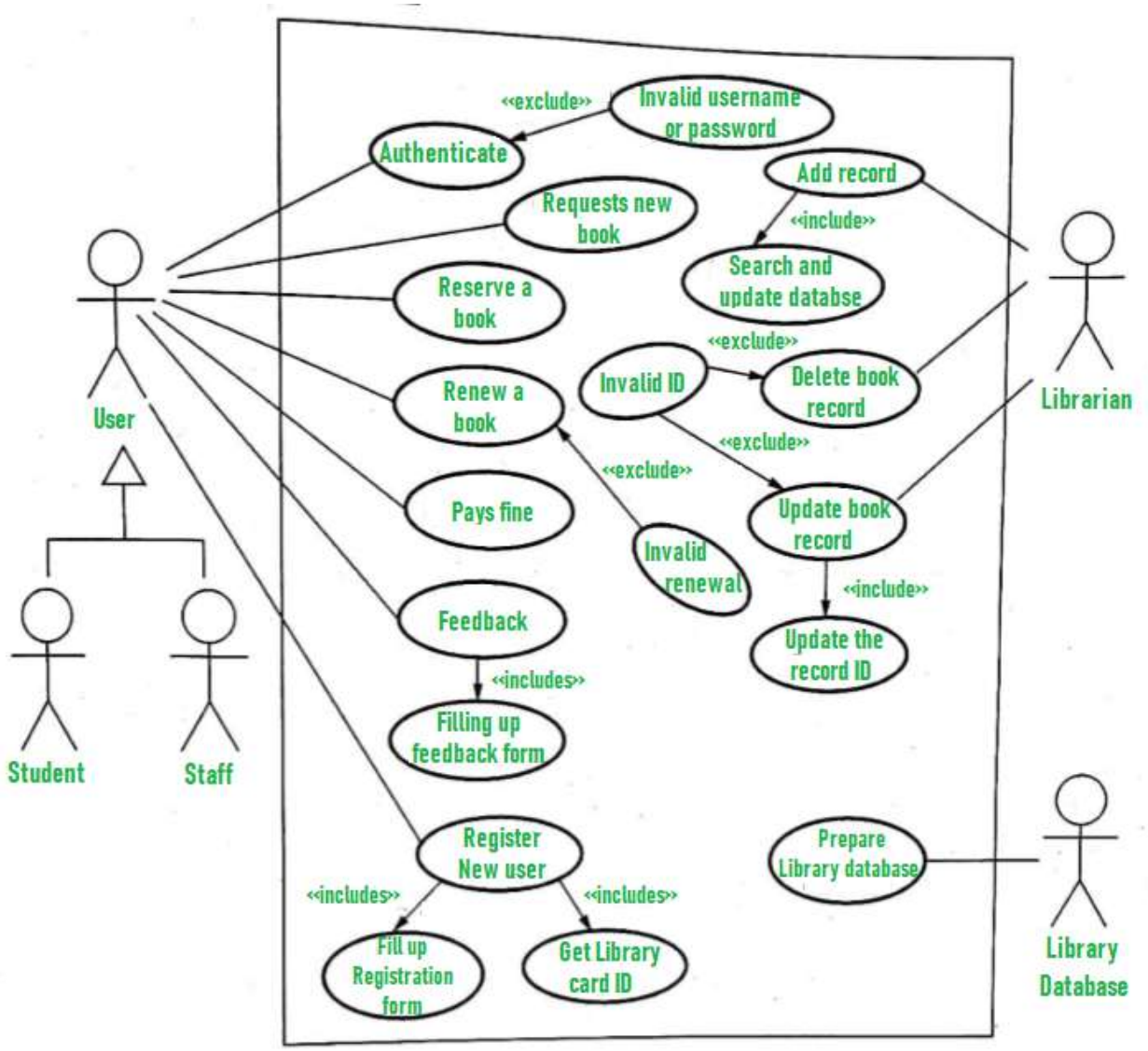


Use Case Diagram for Customer Authentication

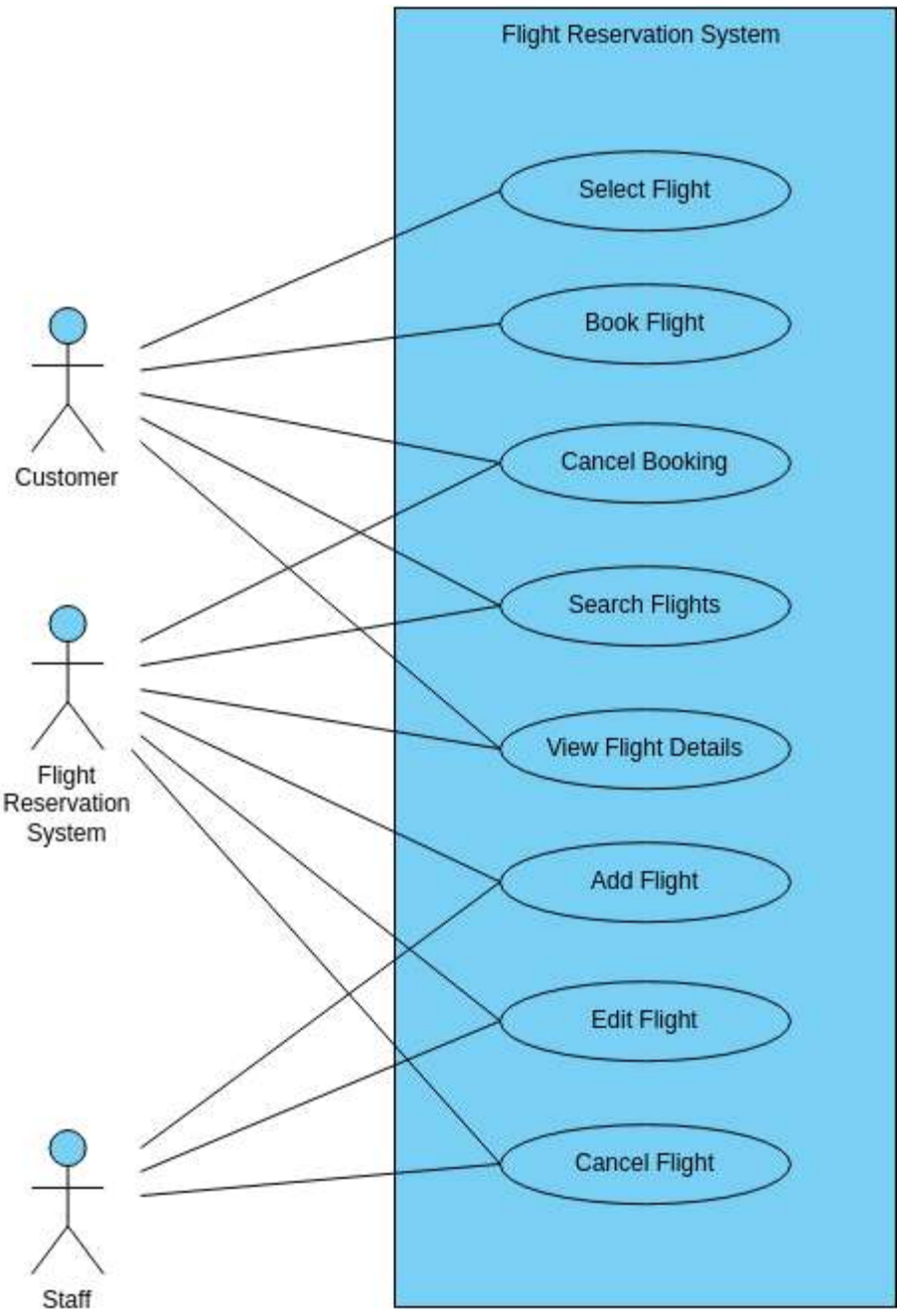
Another for ATM



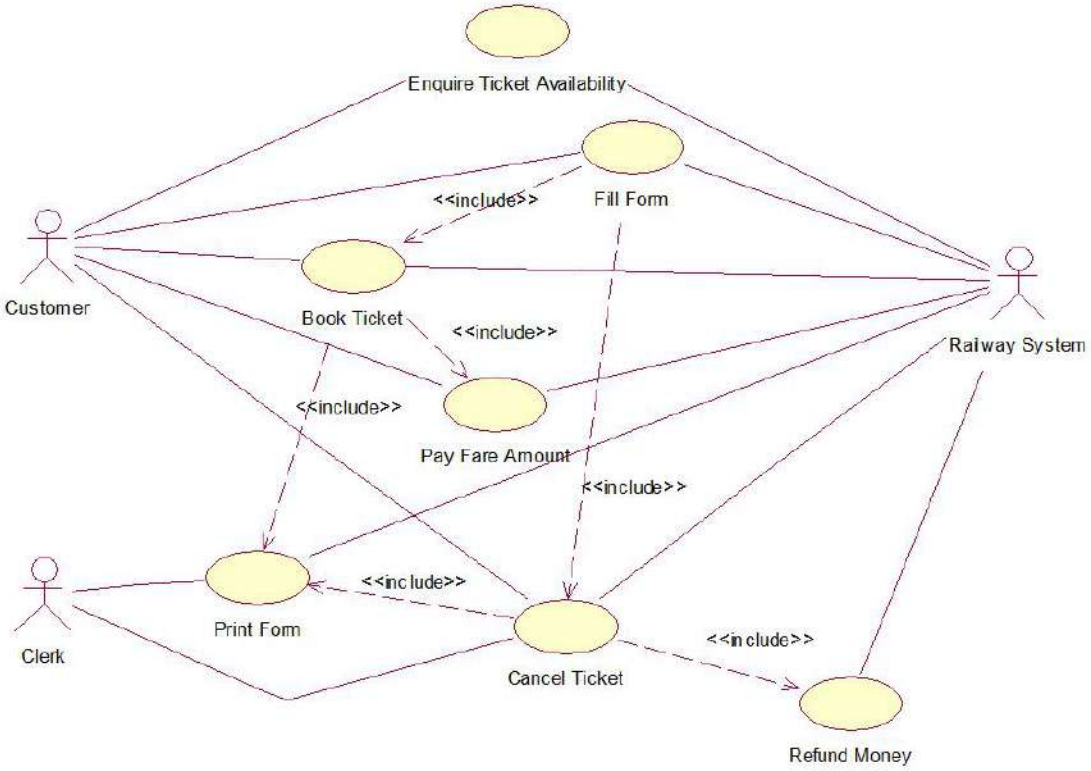
3.Library Management system



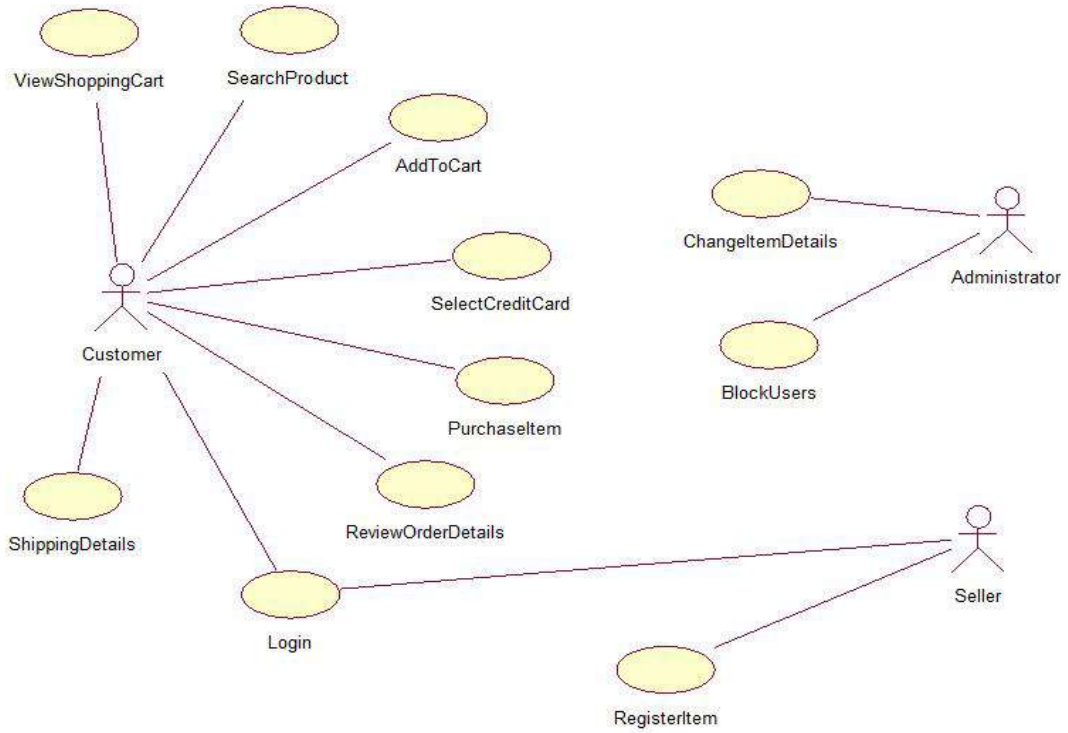
4. Flight reservation system


Flight Reservation System
Select Flight
Book Flight
Cancel Booking
Search Flights
View Flight Details
Add Flight
Edit Flight
Cancel Flight
Customer
Flight Reservation System
Staff

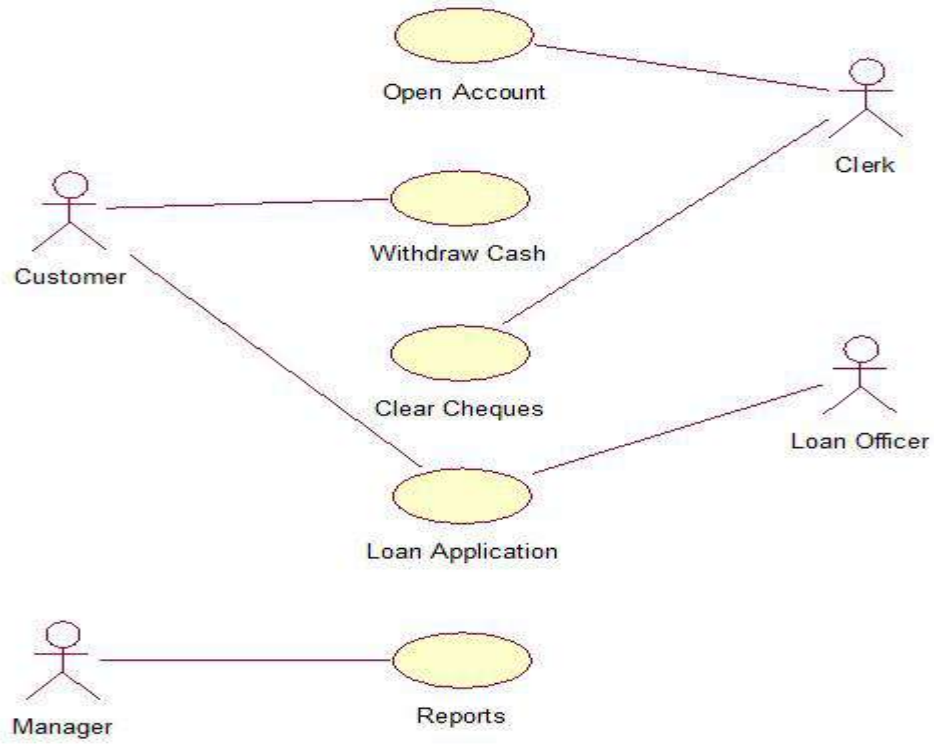
5. Railway ticket reservation



6.Online book shop

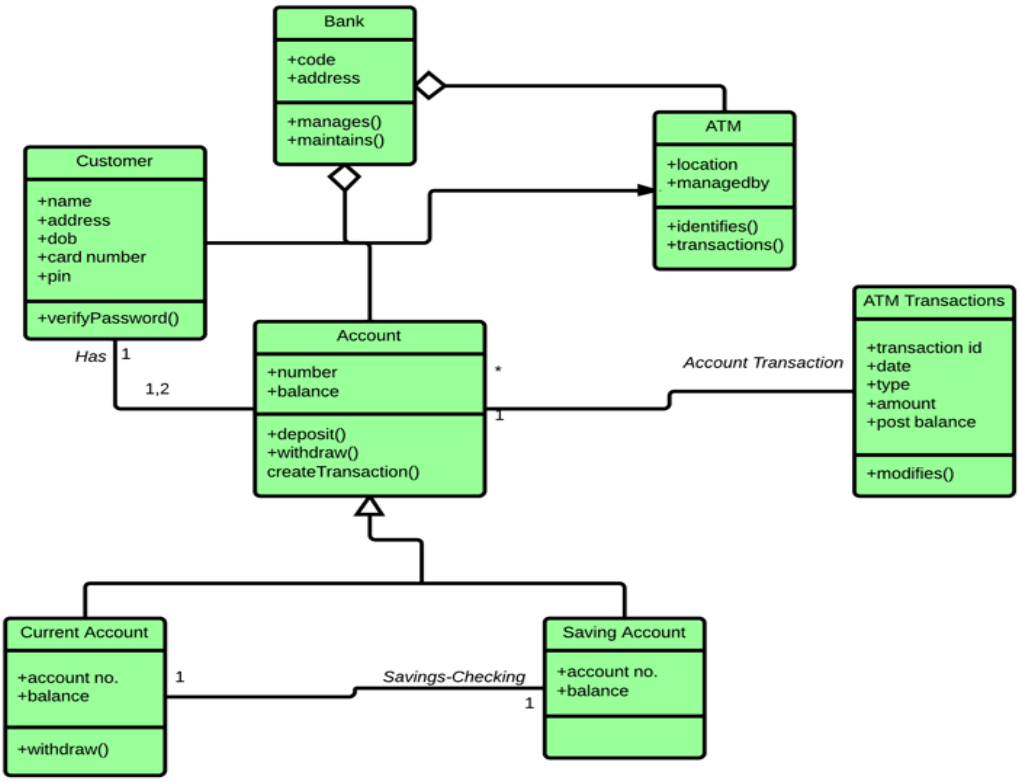


7. Online banking system

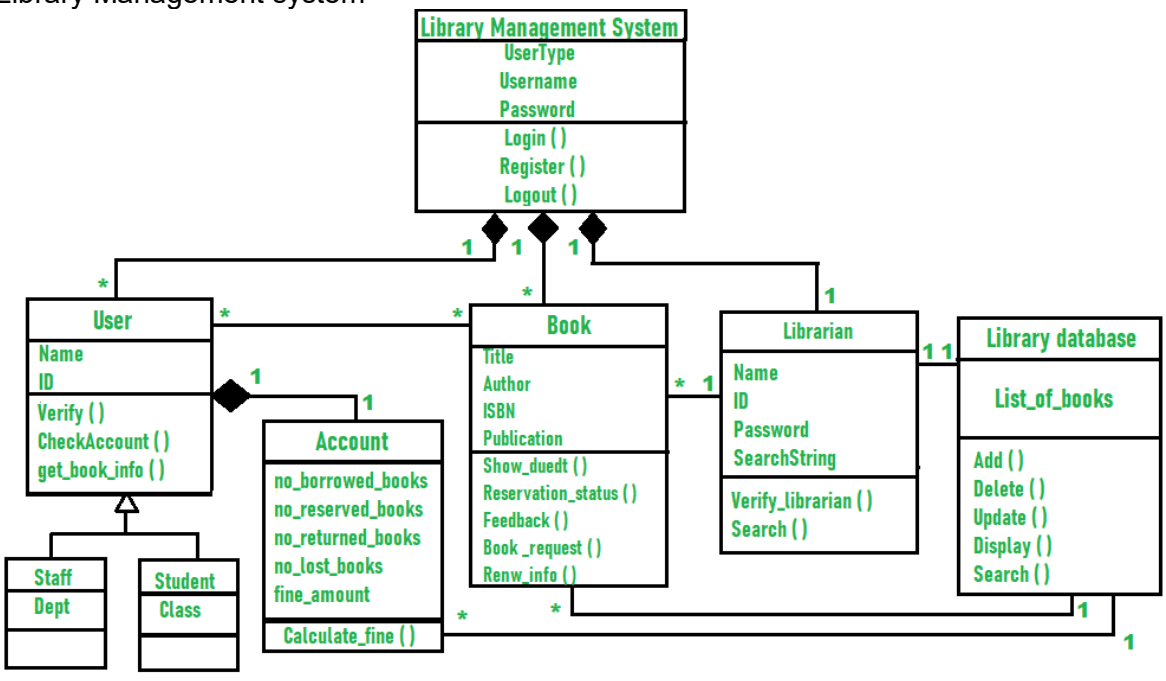


Class Diagrams

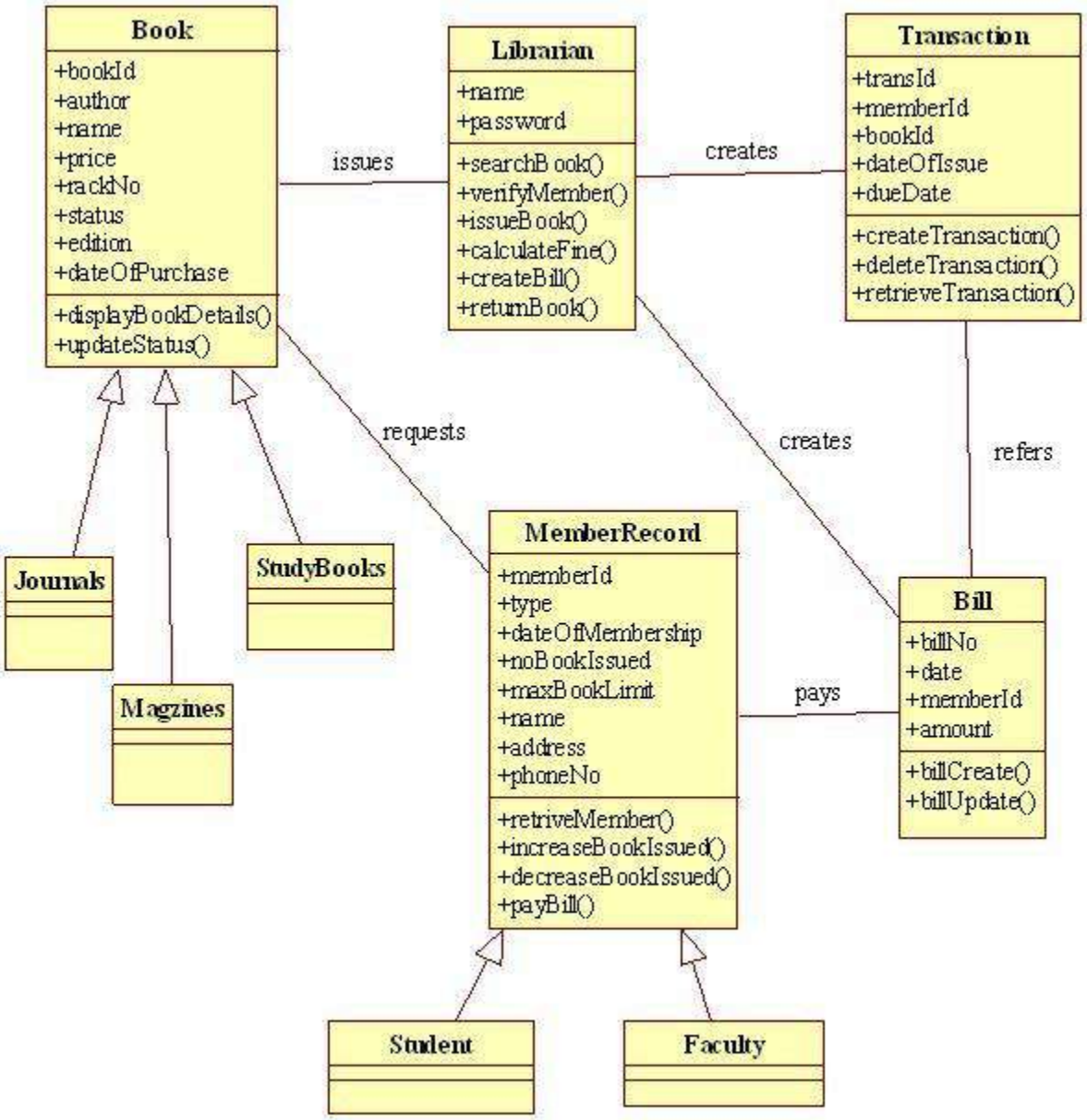
1. Class diagrams for an ATM System



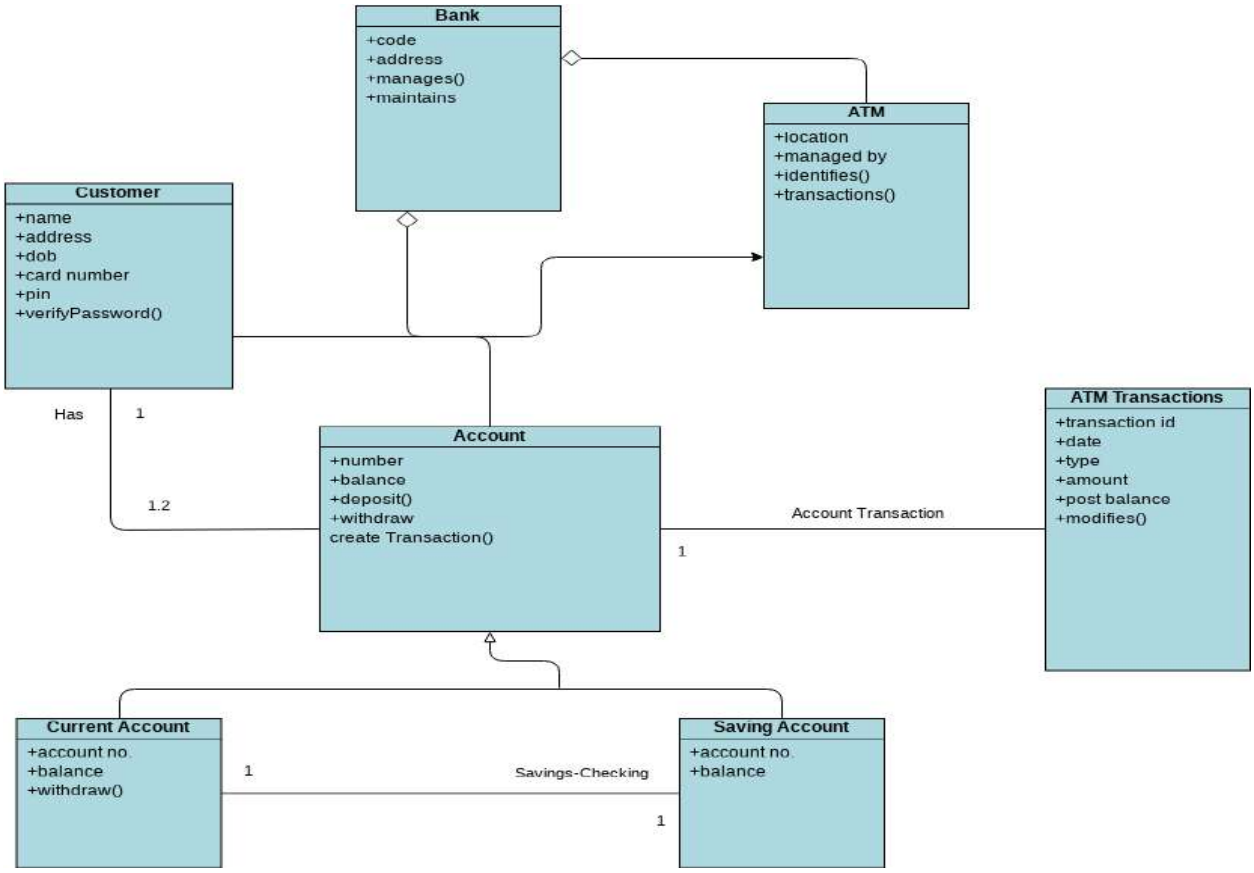
2. Library Management system



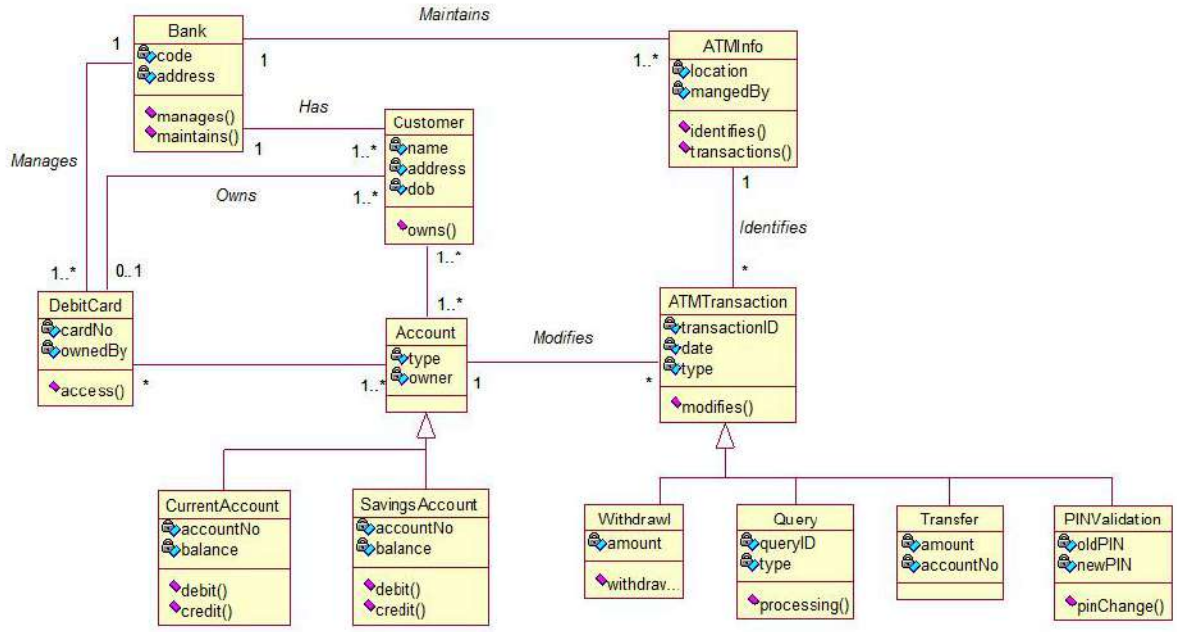
CLASS DIAGRAM FOR LIBRARY MANAGEMENT SYSTEM



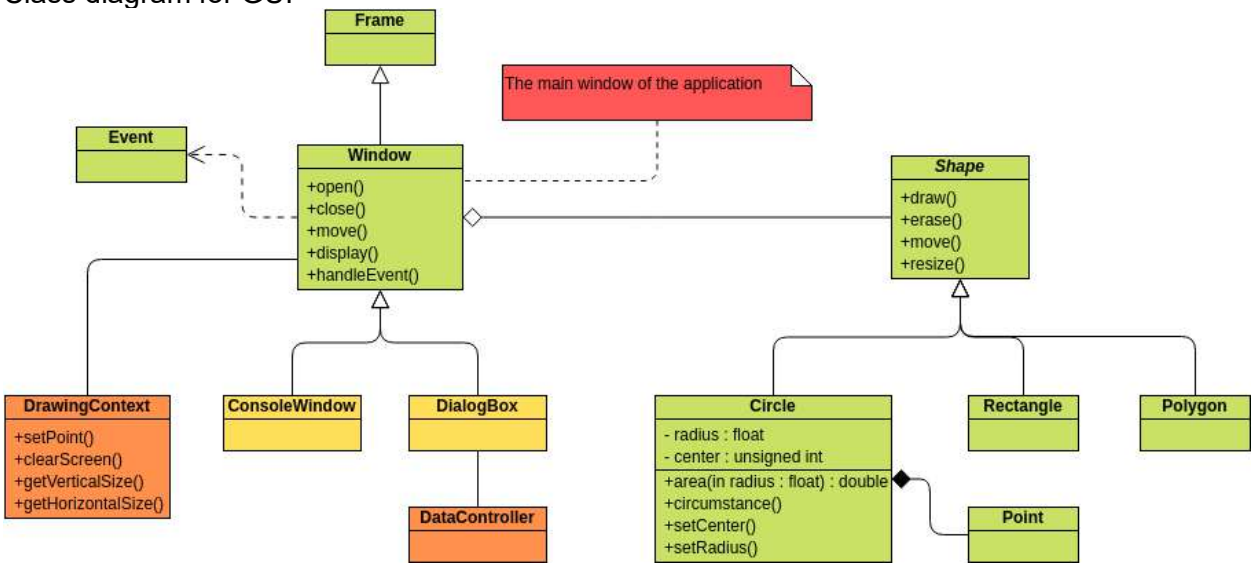
3. Class diagram for an ATM System



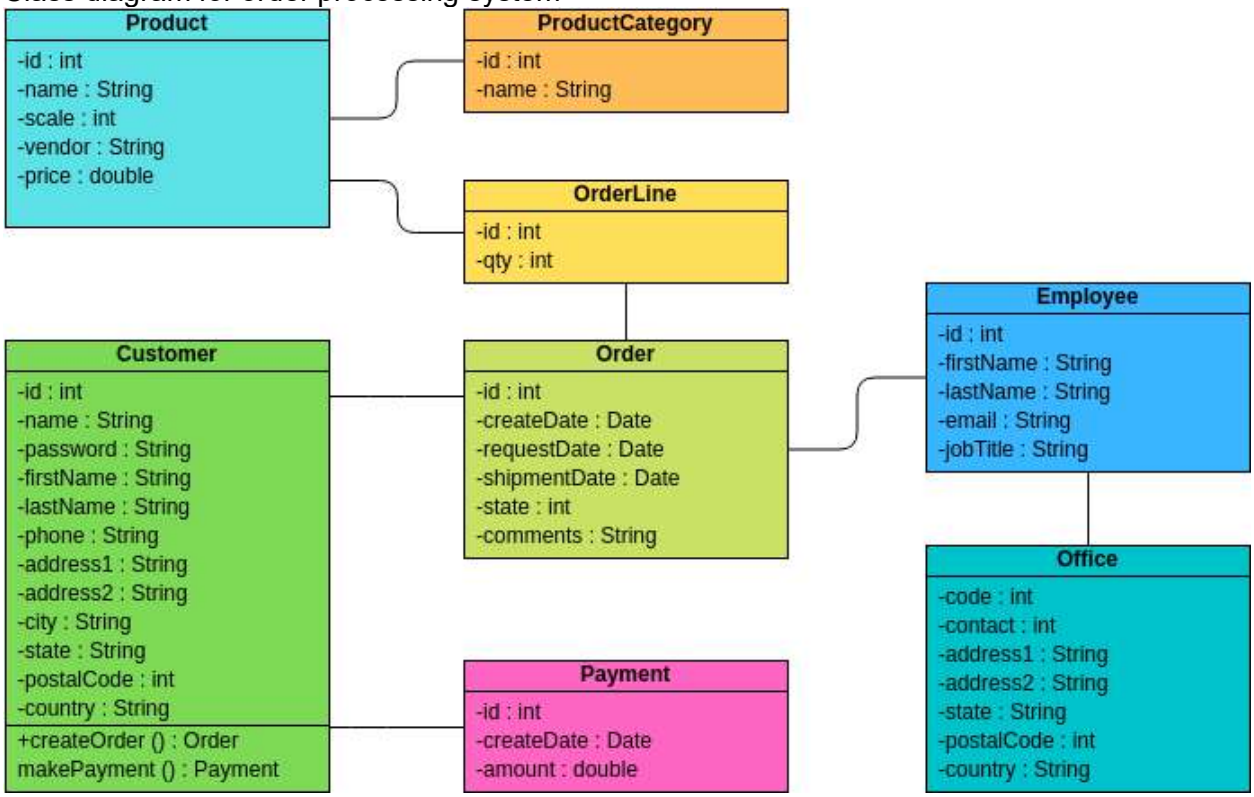
Another for ATM system as below



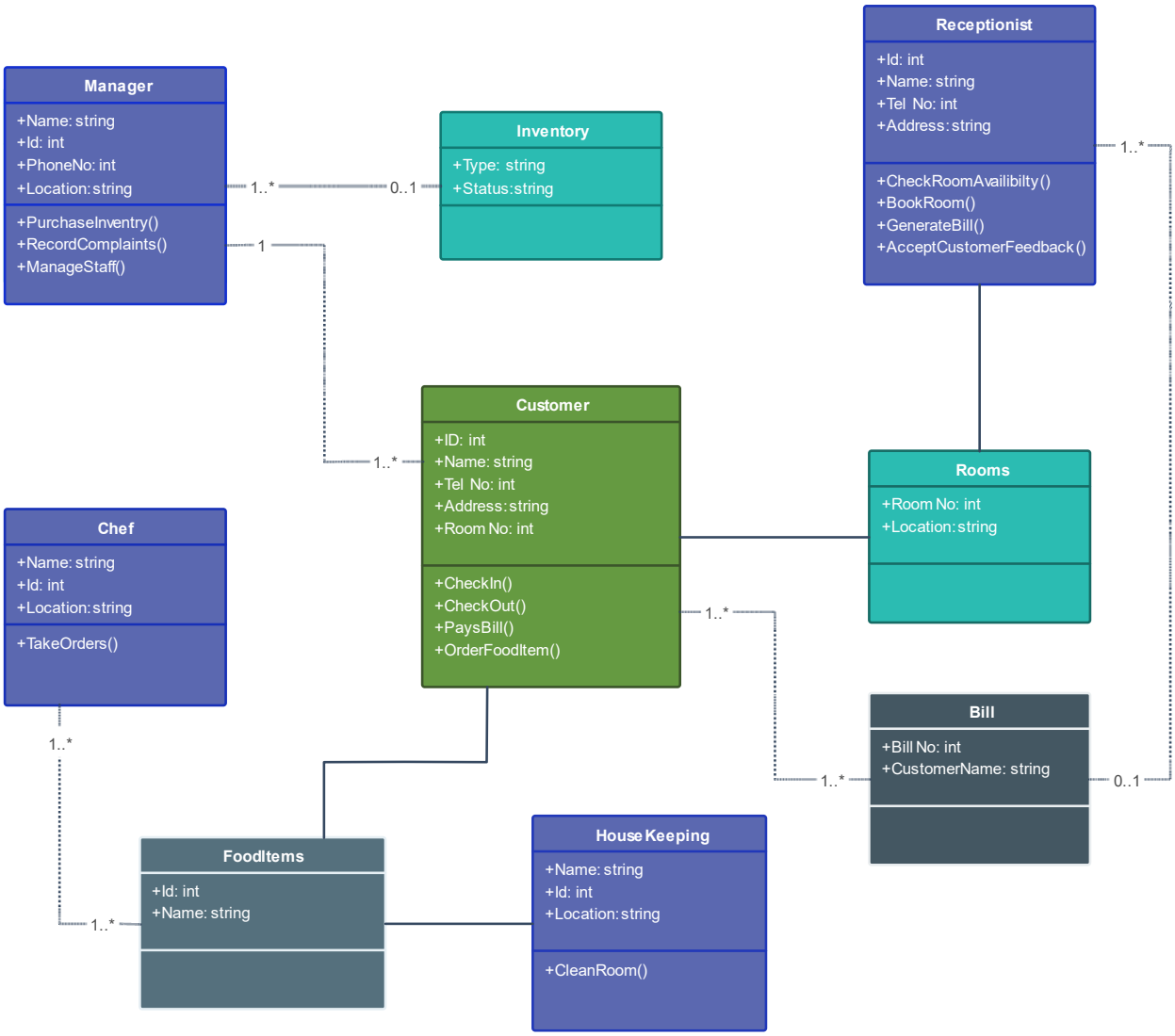
4. Class diagram for GUI



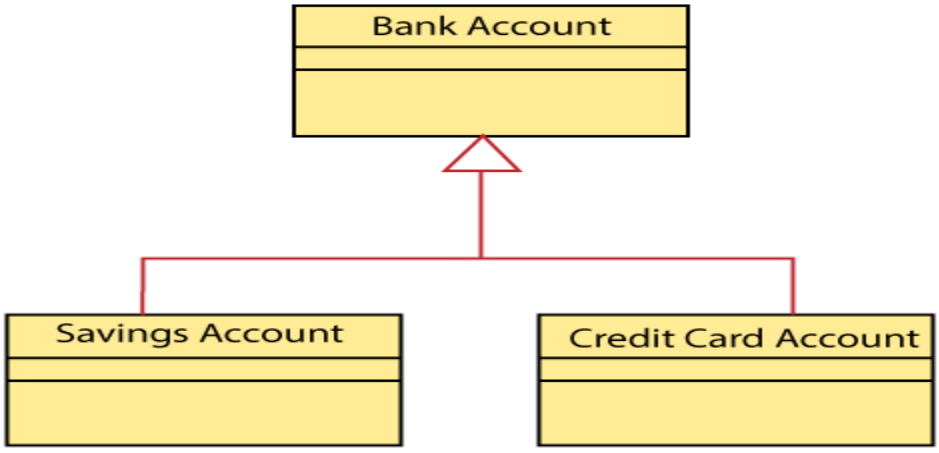
5. Class diagram for order processing system



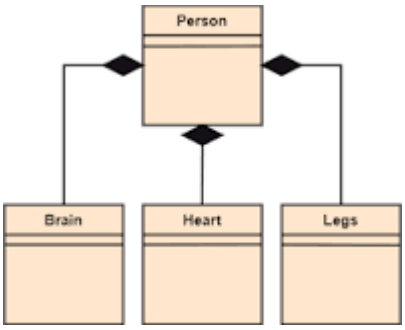
6. Hotel reservation system



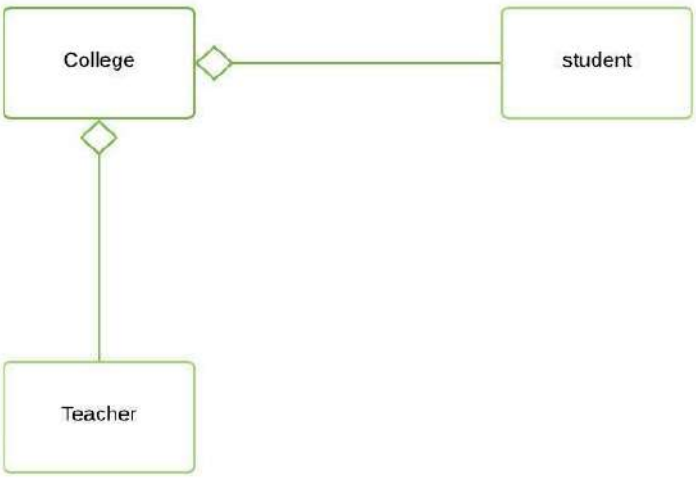
Generalization relationship



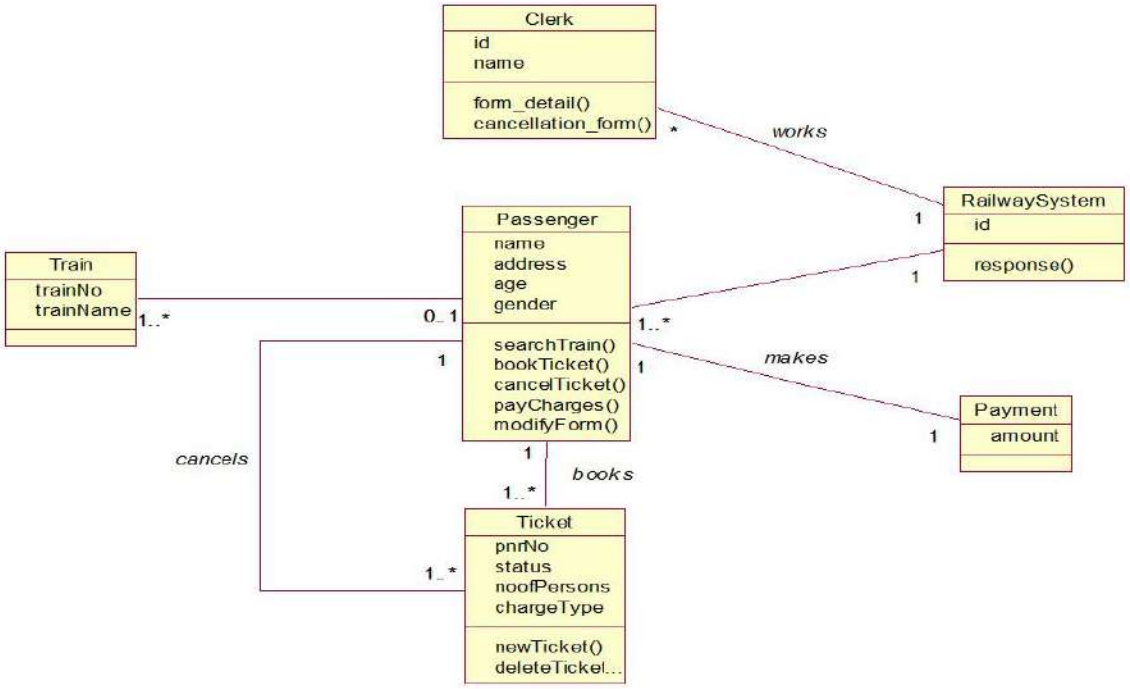
Composition Relationship



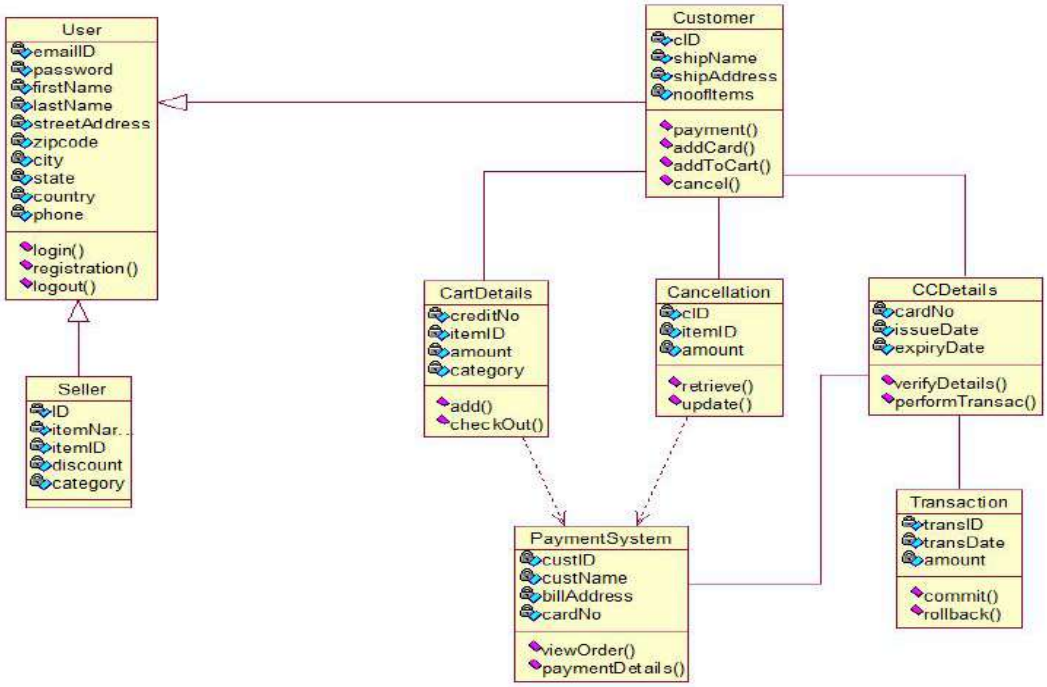
Aggregation



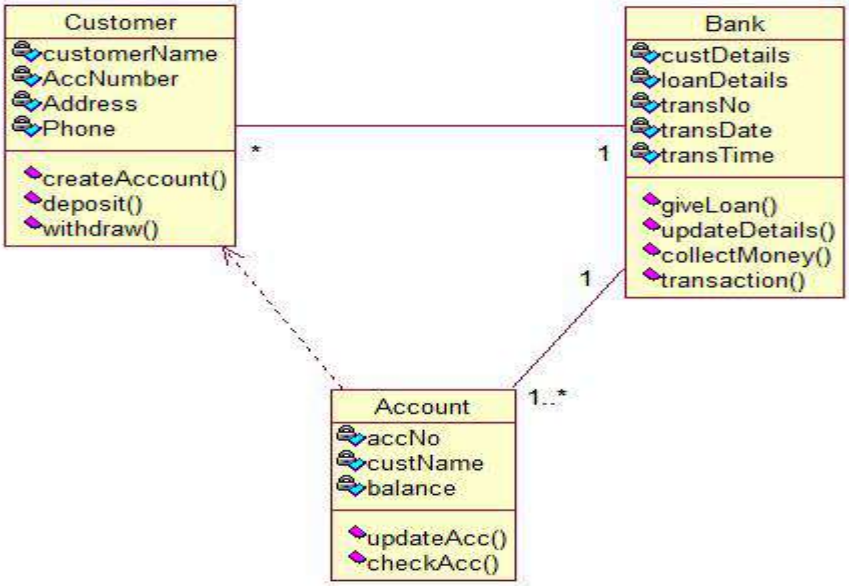
7. Railway reservation system



8. Online book shop

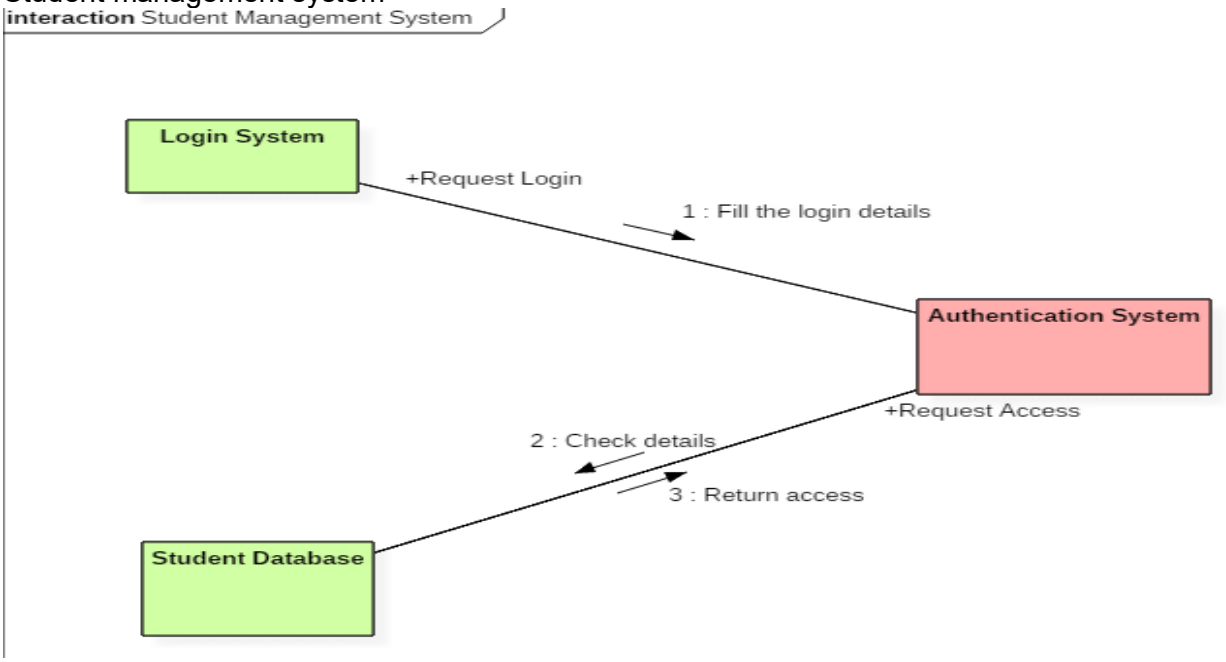


9.Online Banking system

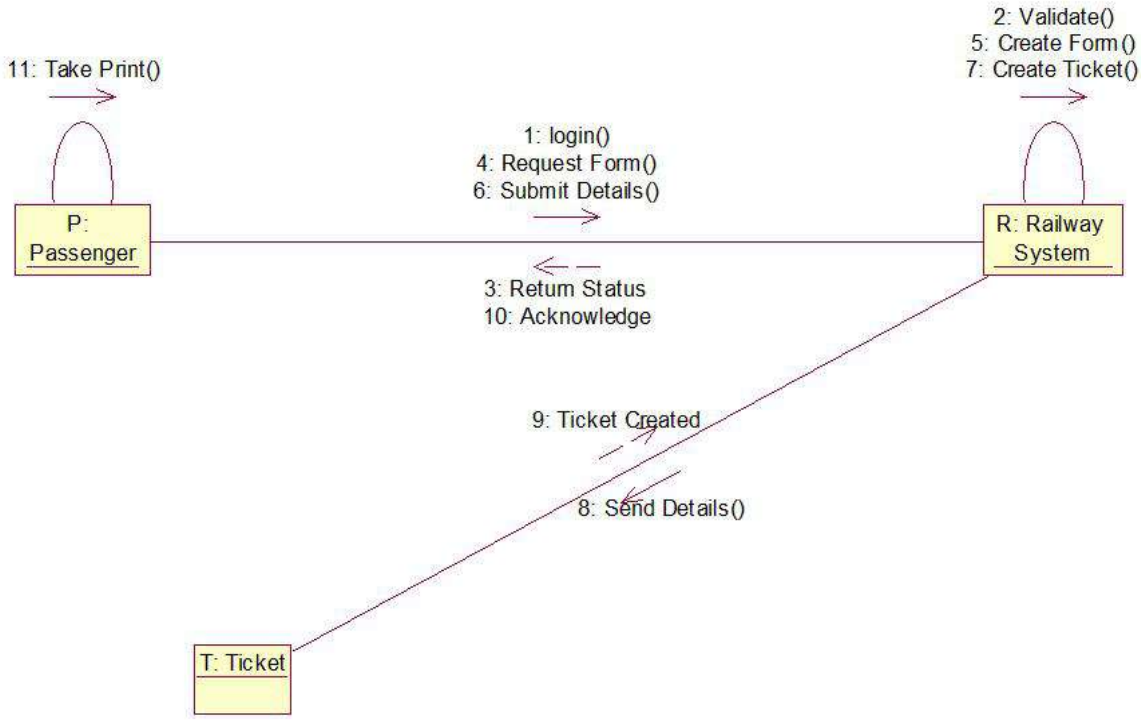


Collaboration diagram

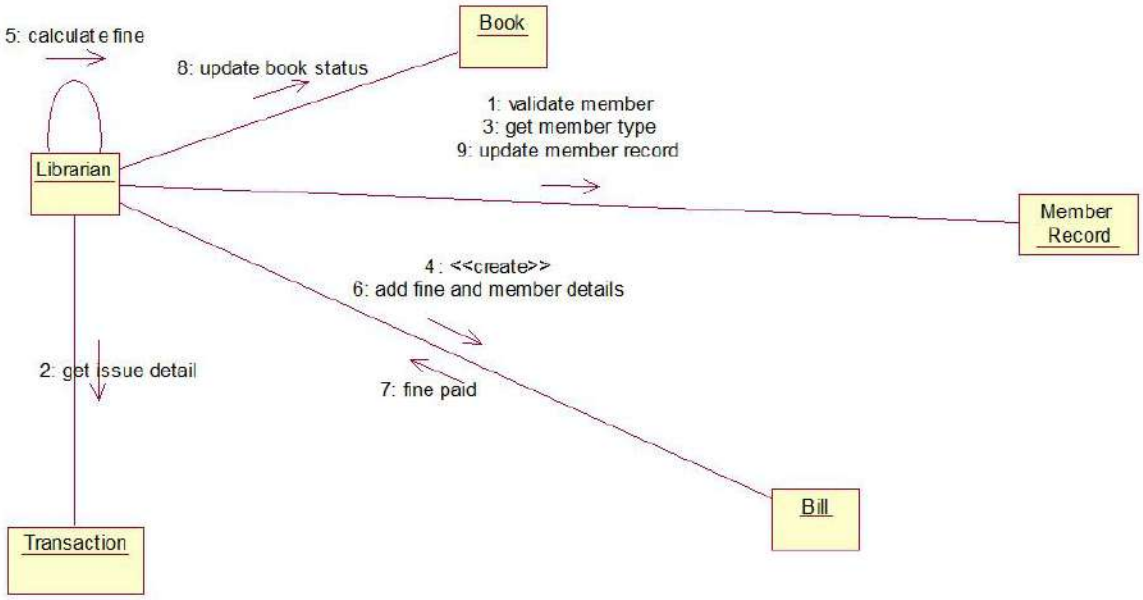
1. Student management system



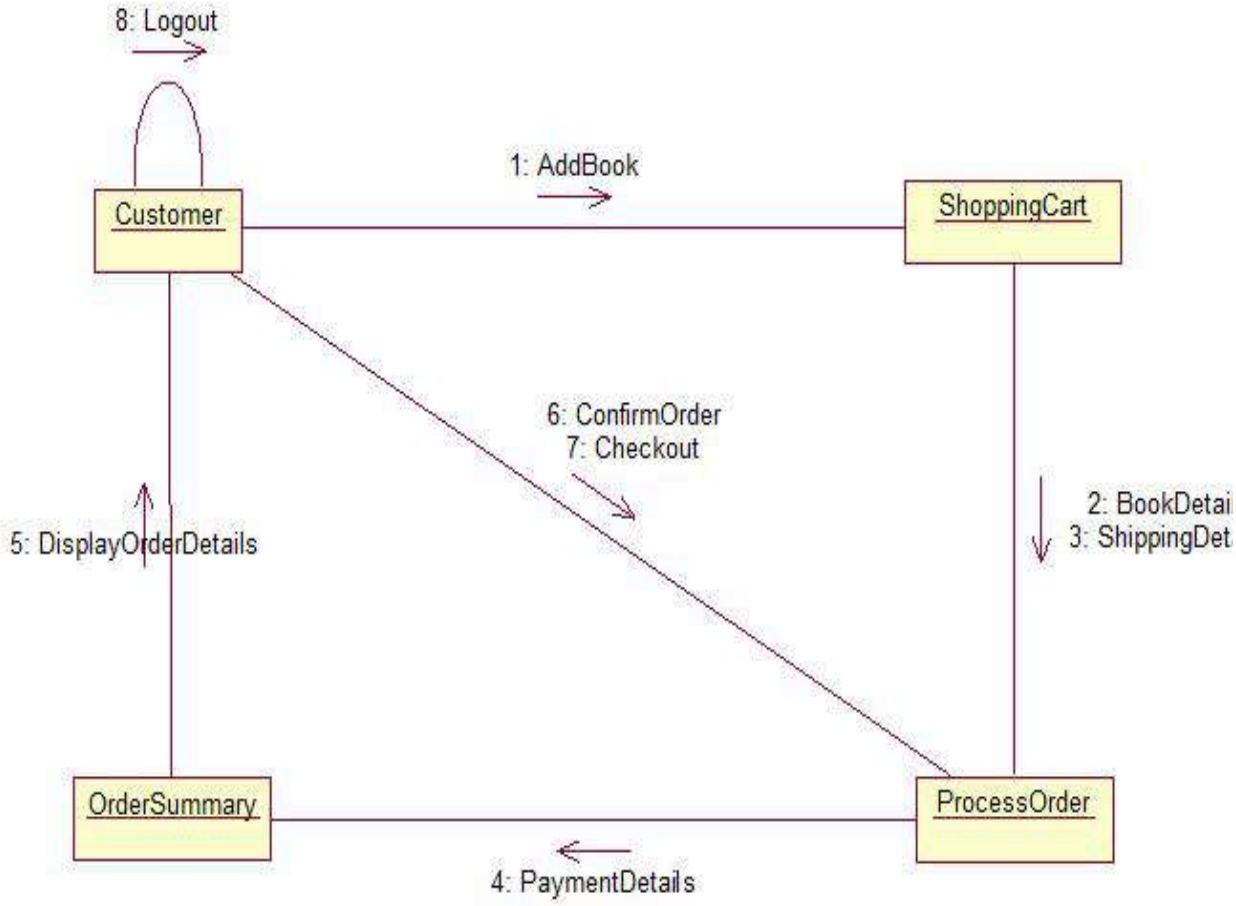
2. Railway reservation system



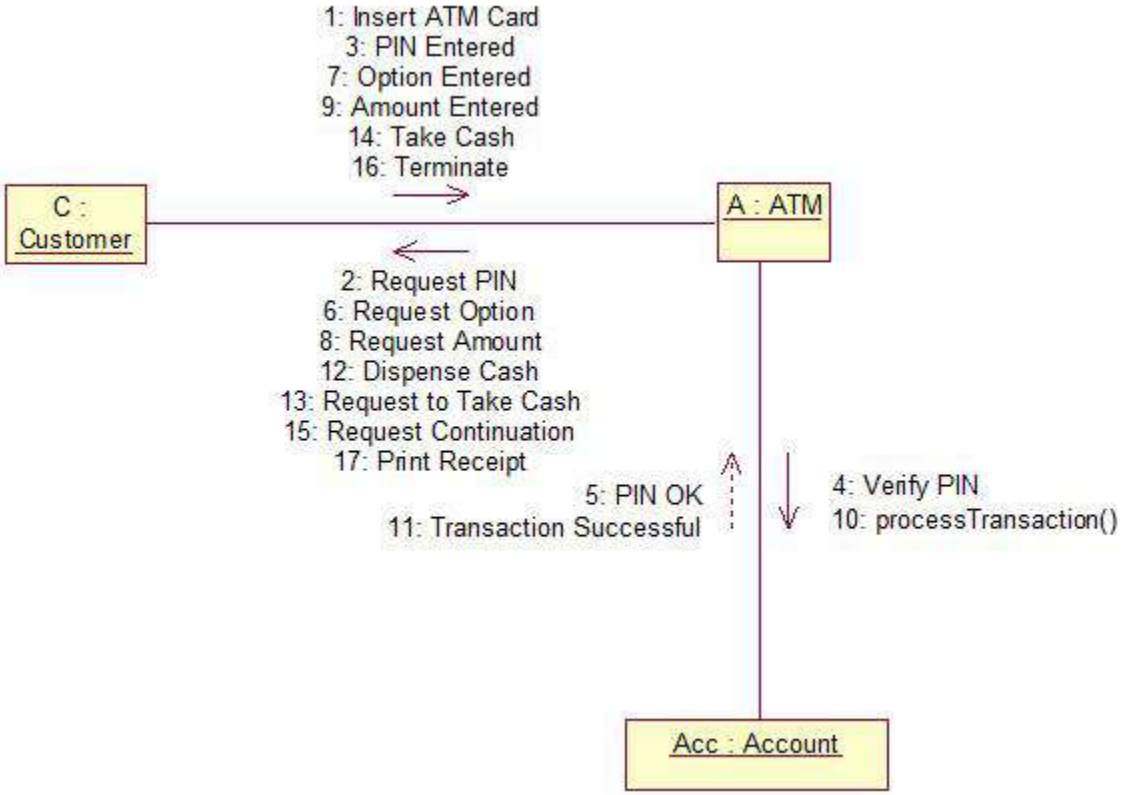
3. Library Management system Library Management system



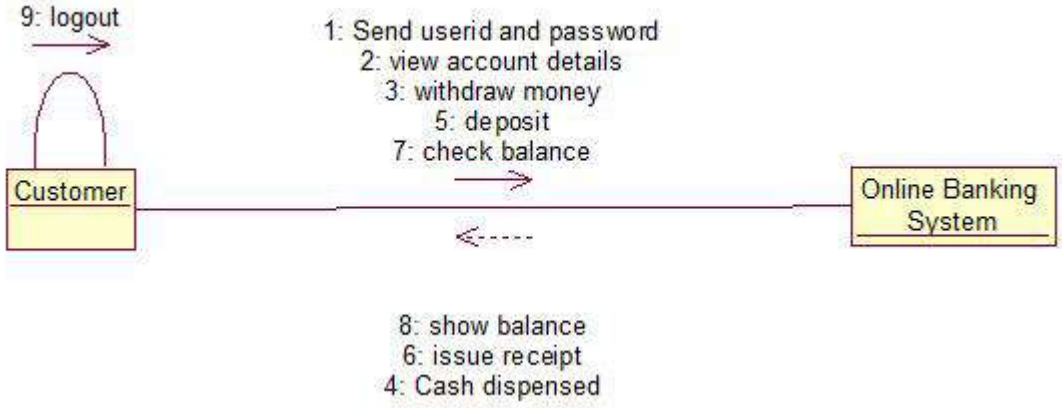
4. Online book shopping



5. ATM system

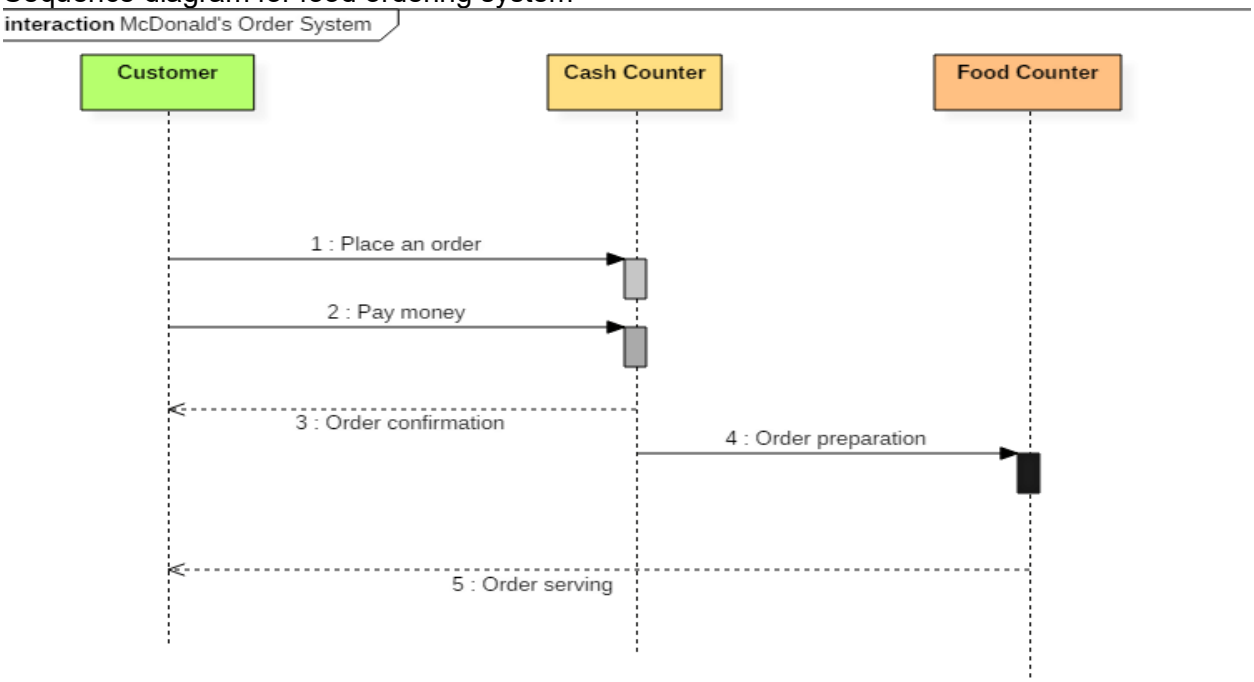


6. Online banking system

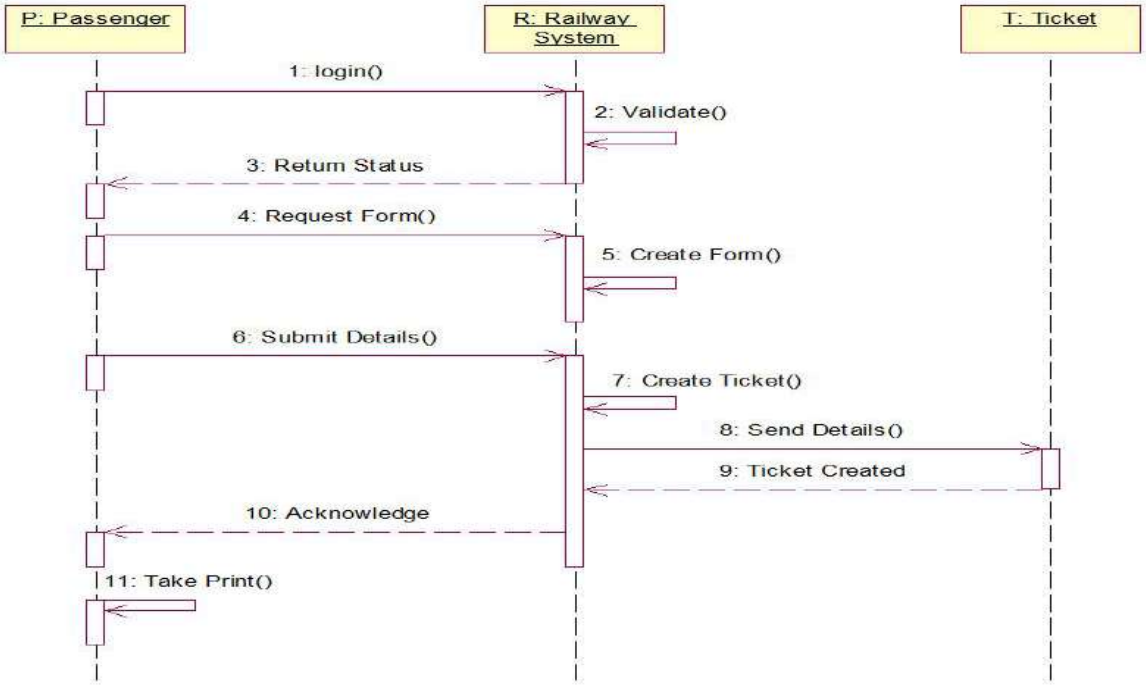


Sequence diagrams

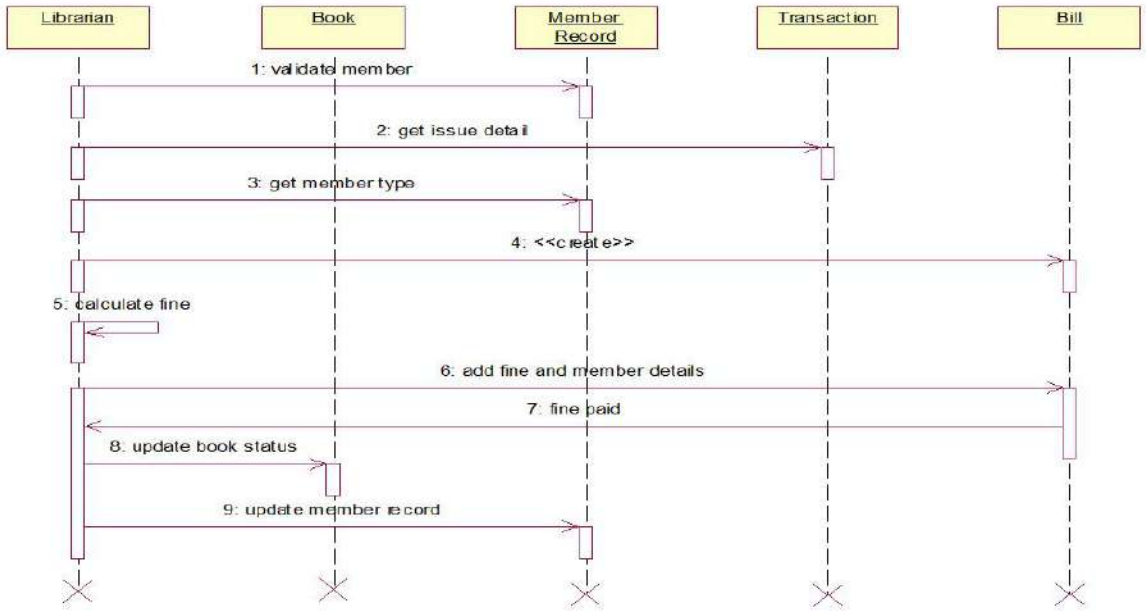
1. Sequence diagram for food ordering system



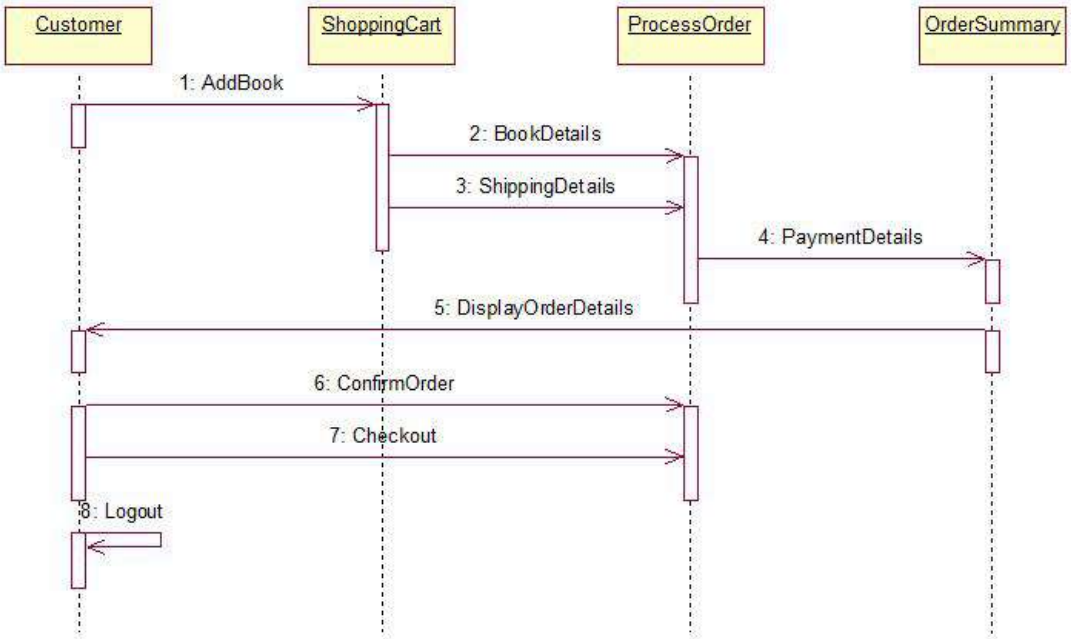
2. Railway reservation



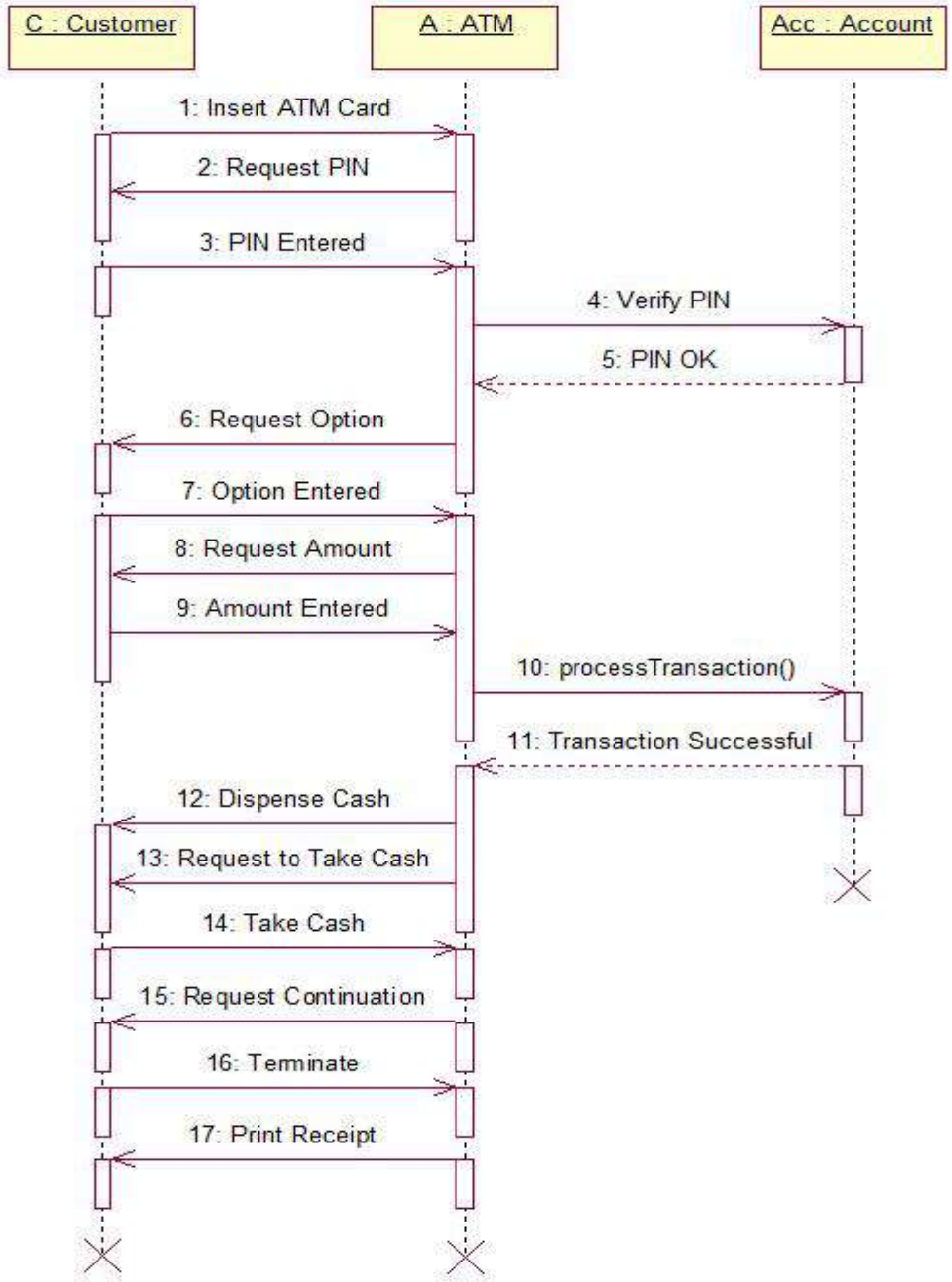
3. Library Management system



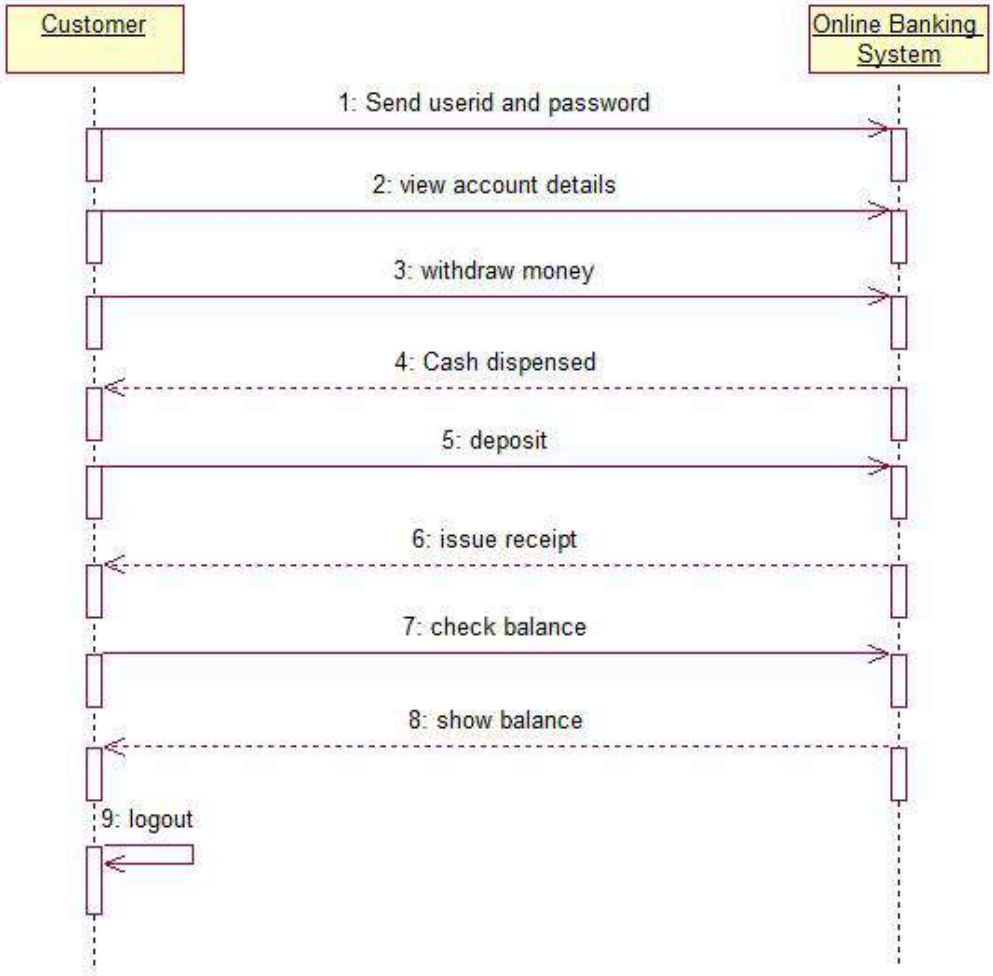
4. Online book shopping



5. ATM system

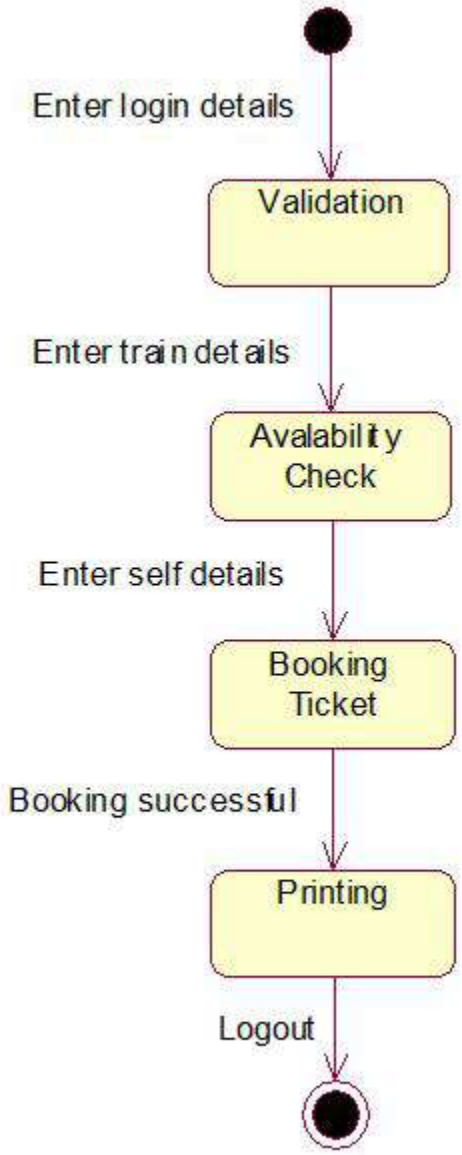

C : Customer
A : ATM
Acc : Account
1: Insert ATM Card
2: Request PIN
3: PIN Entered
4: Verify PIN
5: PIN OK
6: Request Option
7: Option Entered
8: Request Amount
9: Amount Entered
10: processTransaction()
11: Transaction Successful
12: Dispense Cash
13: Request to Take Cash
14: Take Cash
15: Request Continuation
16: Terminate
17: Print Receipt

6. Online banking system

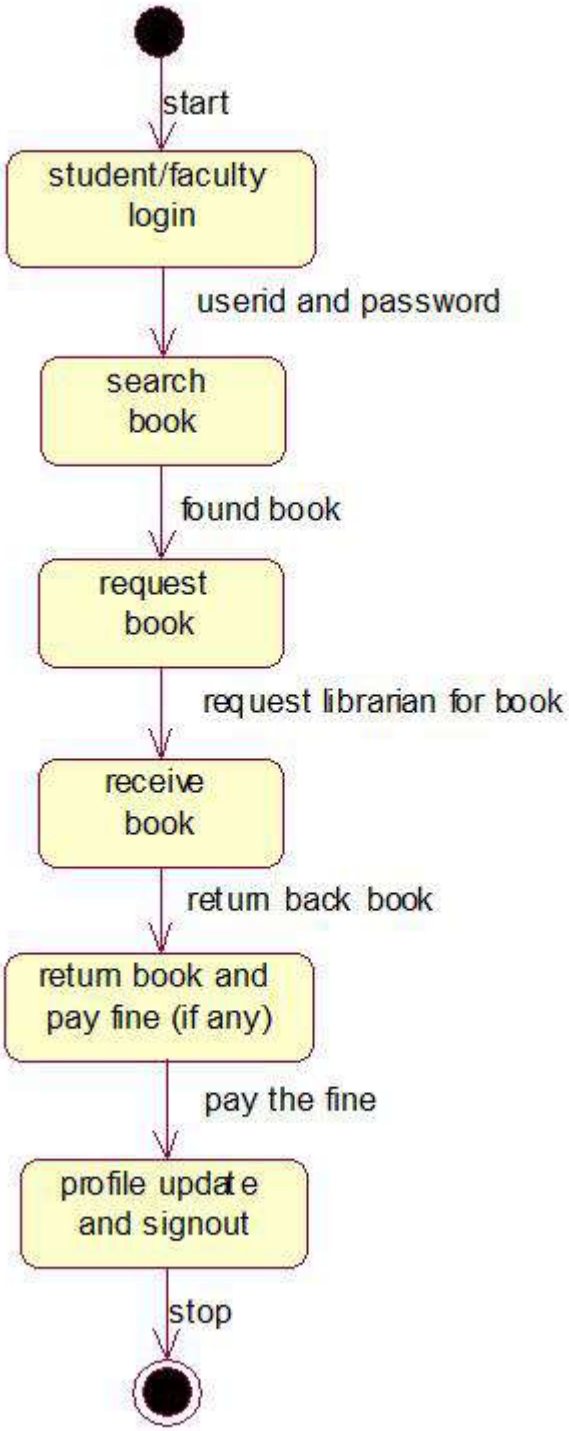


State Diagram

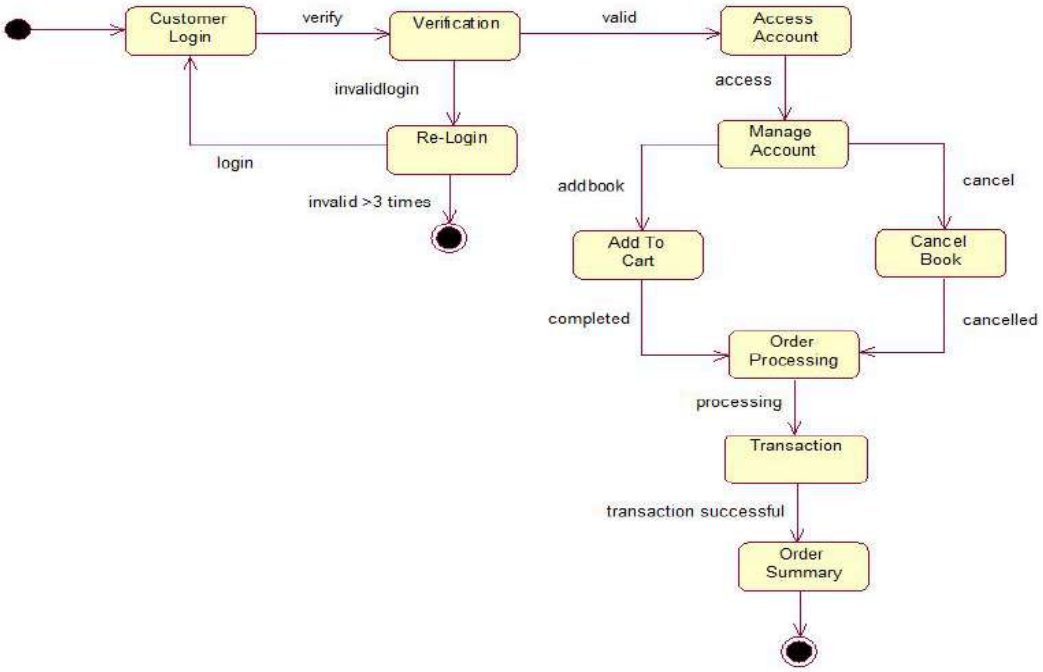
1. Railway reservation system



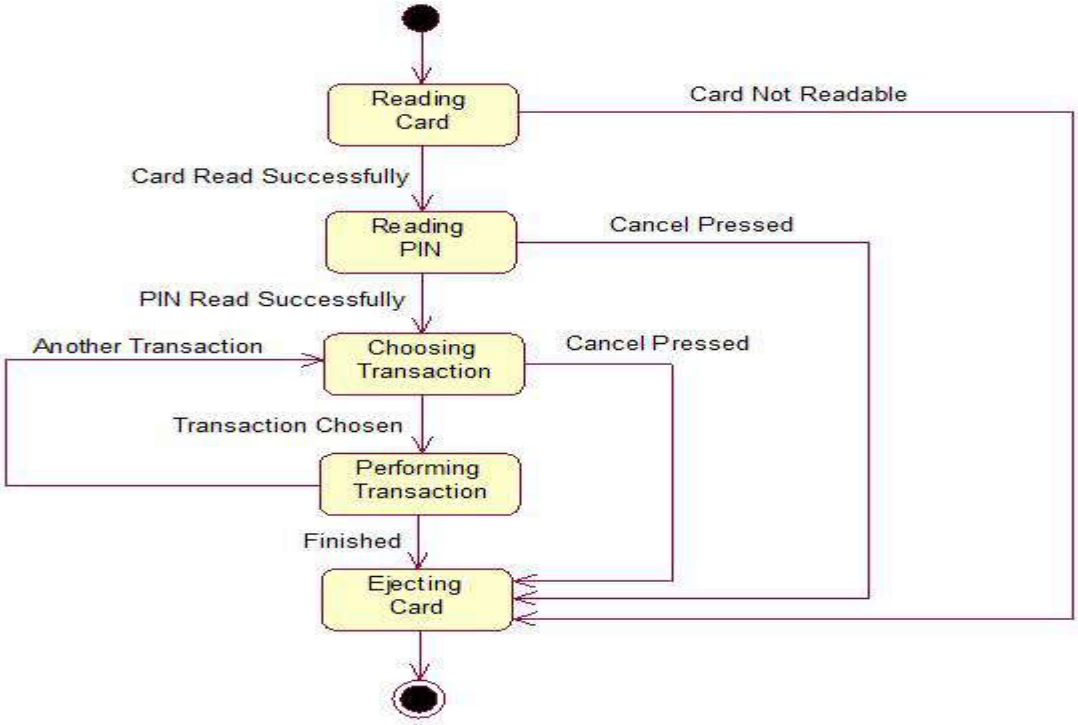
2. Library Management system



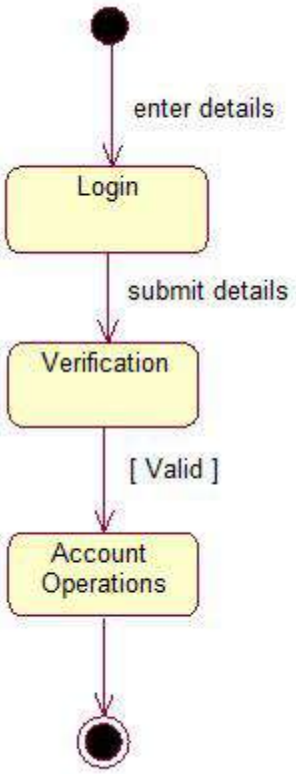
3. Online book shopping



4. ATM System

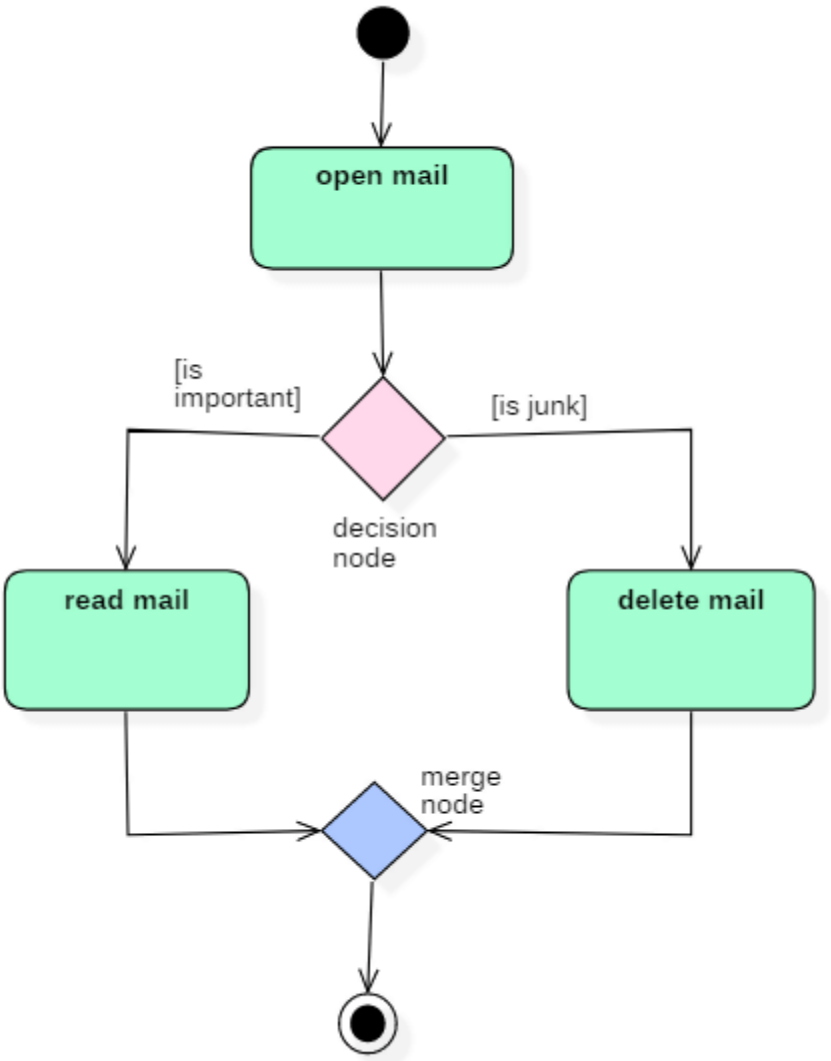


5. Online banking system

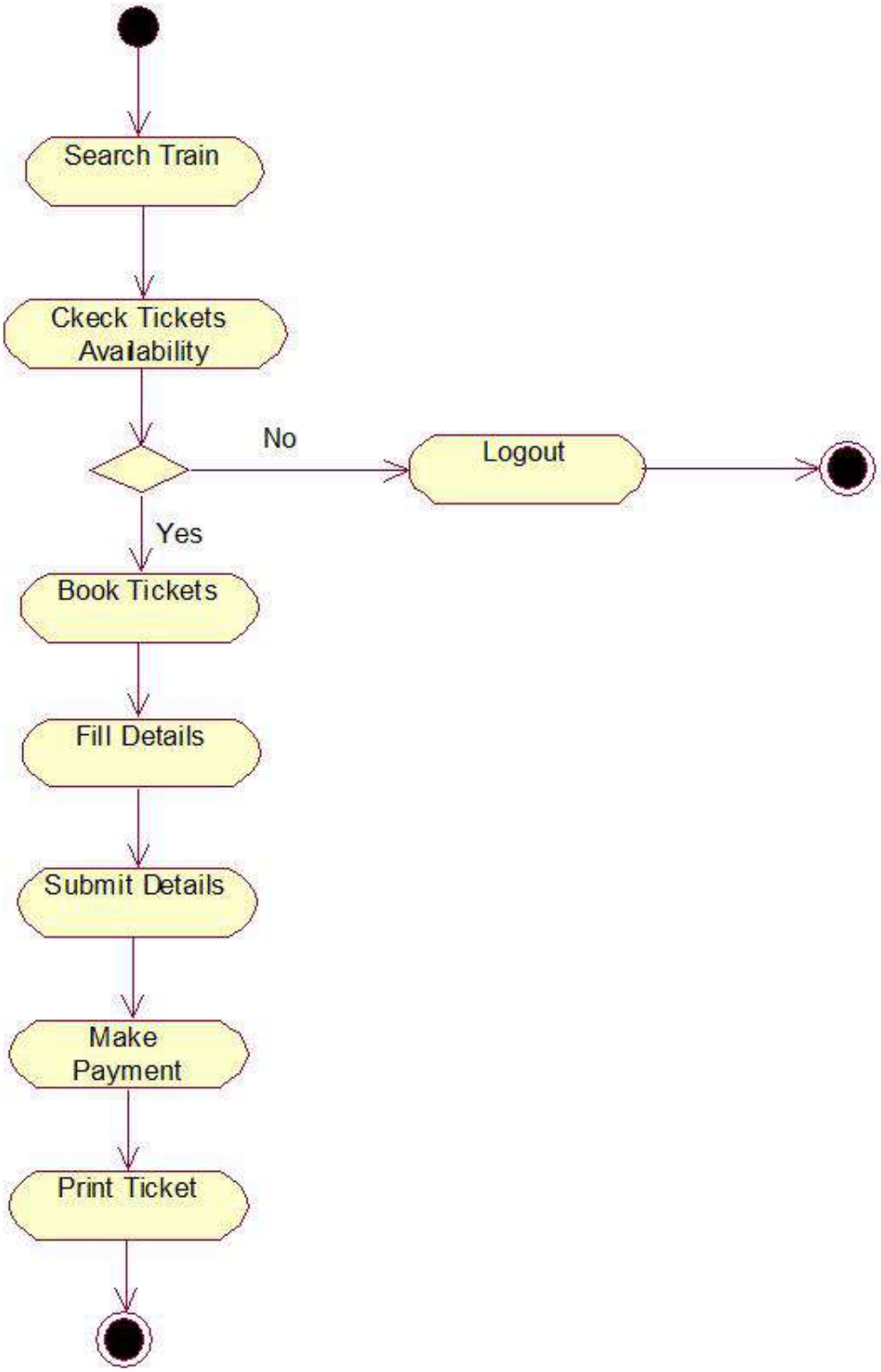


Activity diagrams

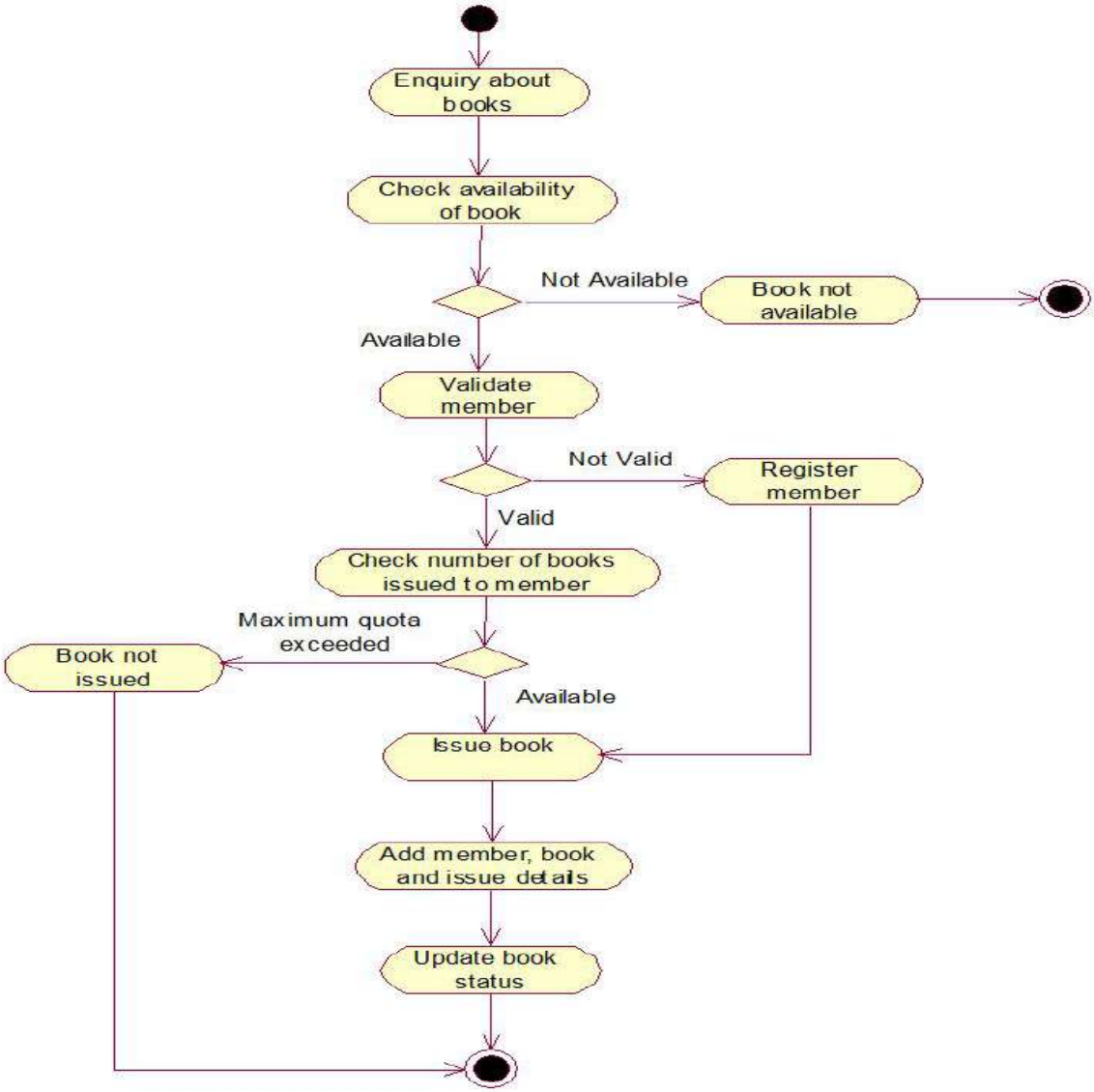
1. Activity diagram for processing an email



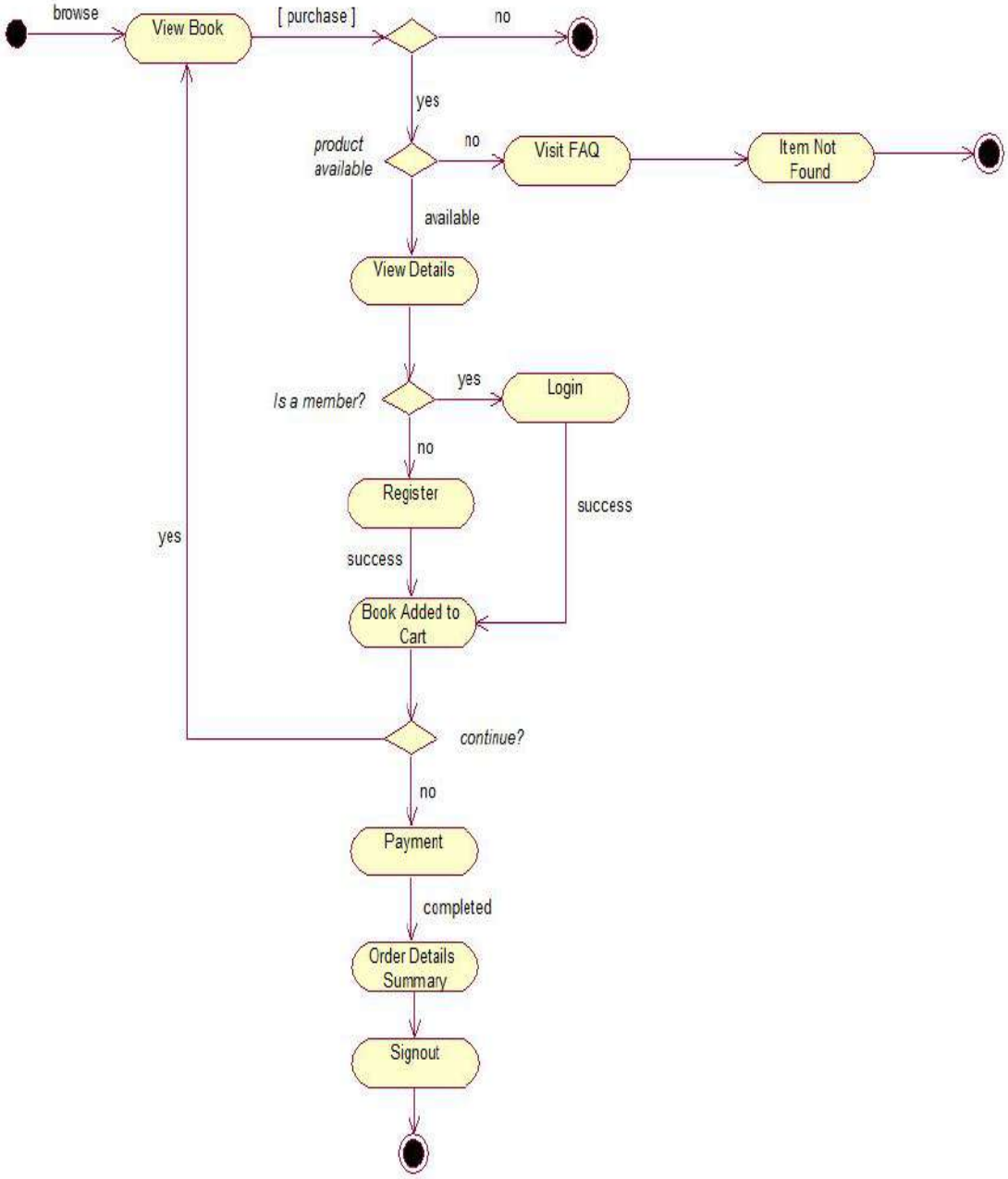
2. Railway reservation



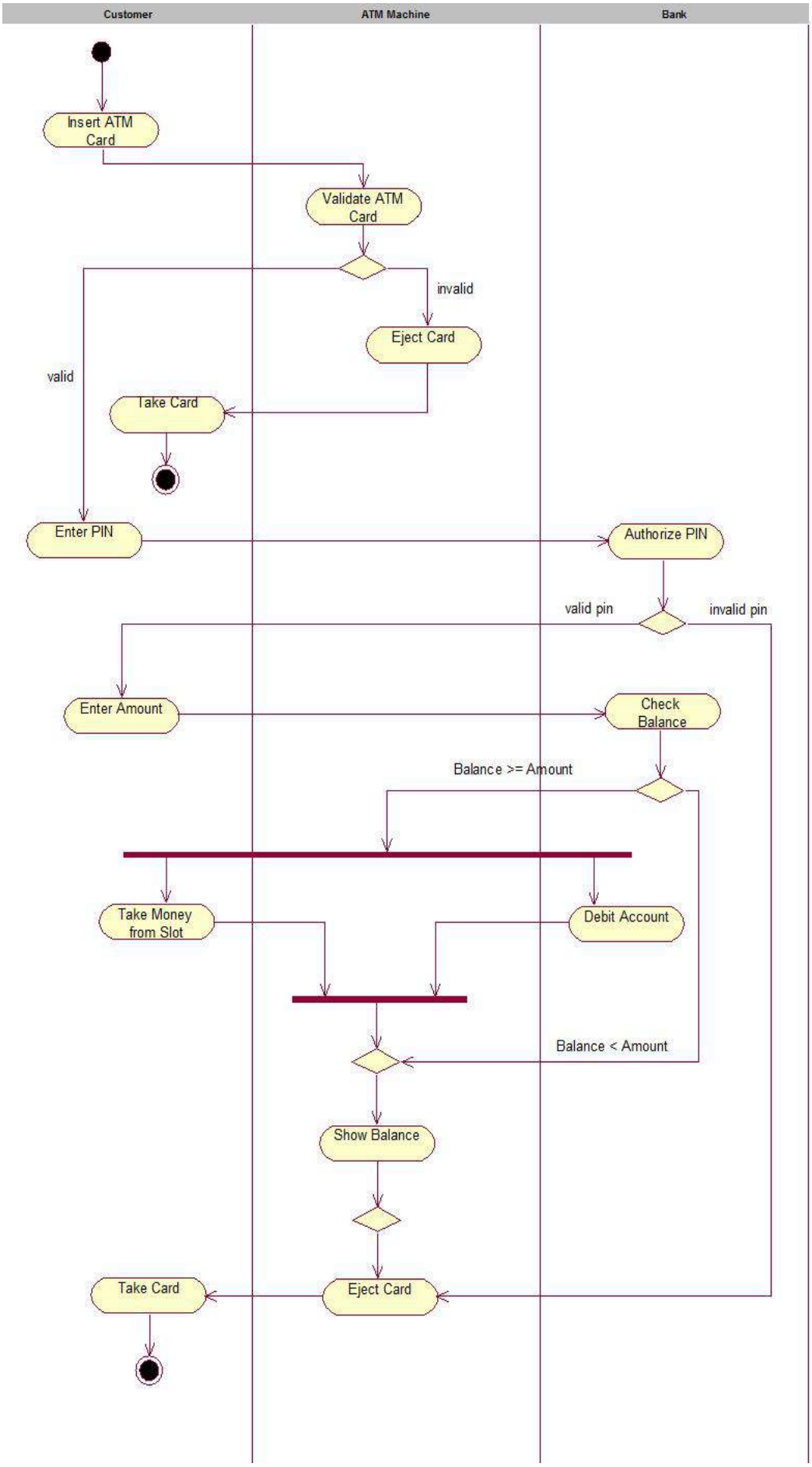
3. Library Management system



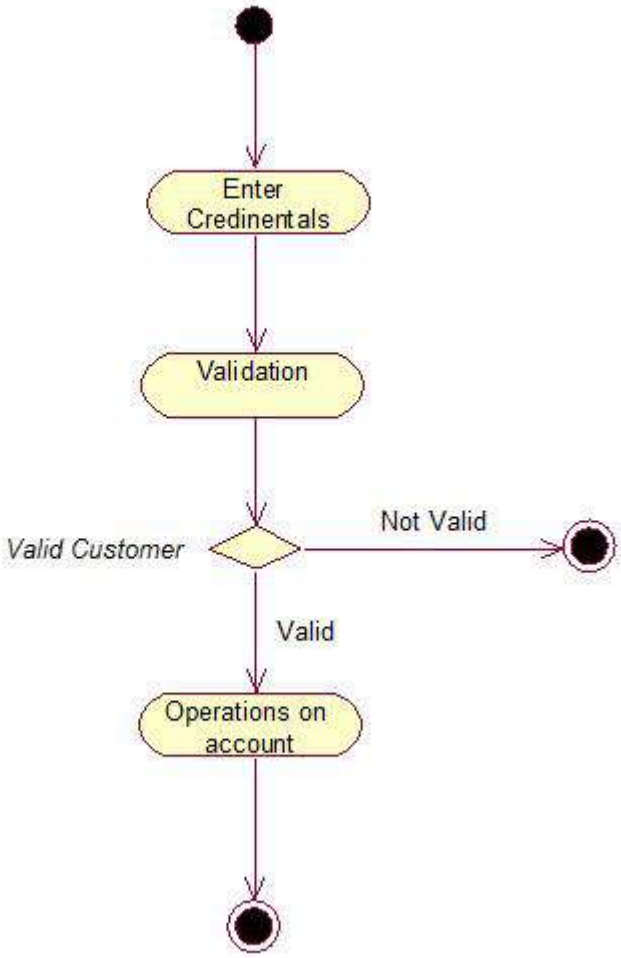
4. Online book shopping



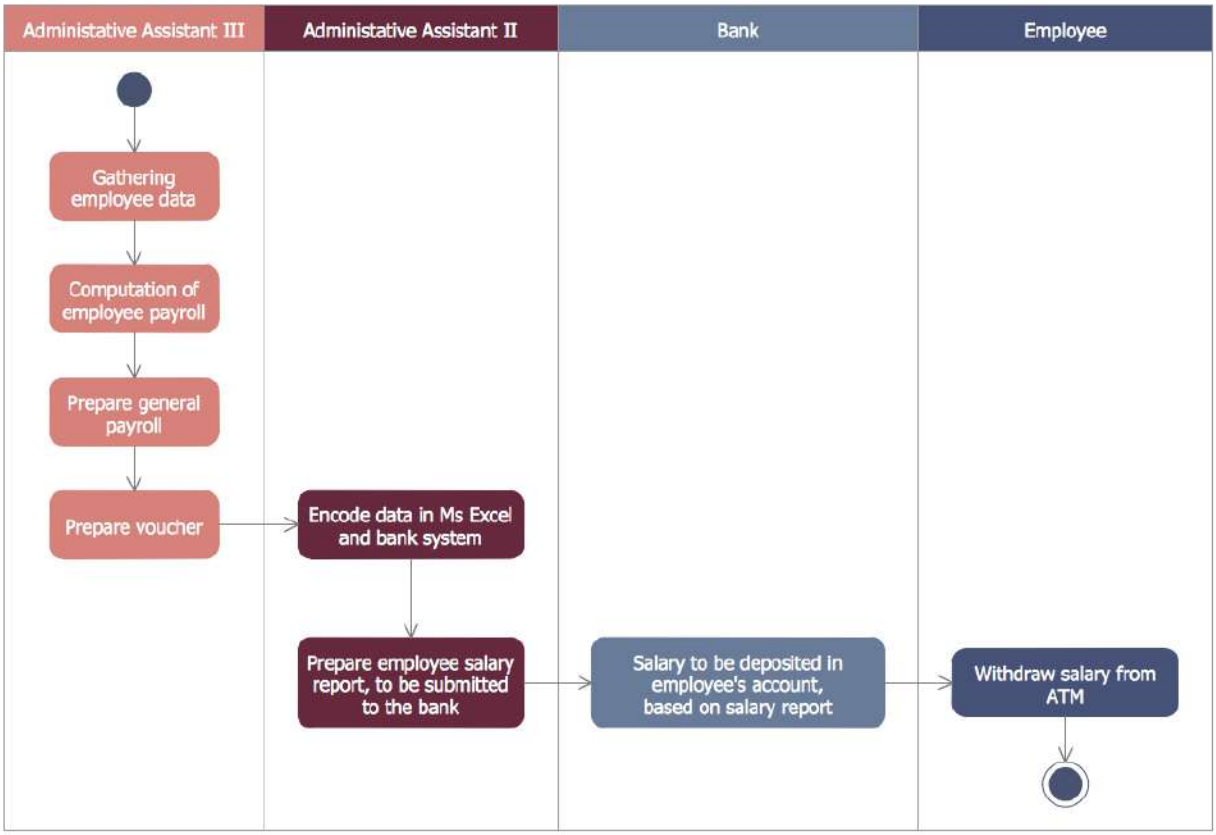
5. ATM System


Customer
ATM Machine
Bank
Insert ATM Card
Validate ATM Card
invalid
Eject Card
valid
Take Card
Enter PIN
Authorize PIN
valid pin
invalid pin
Enter Amount
Check Balance
Balance >= Amount
Take Money from Slot
Debit Account
Balance < Amount
Show Balance
Take Card
Eject Card

6. Online banking

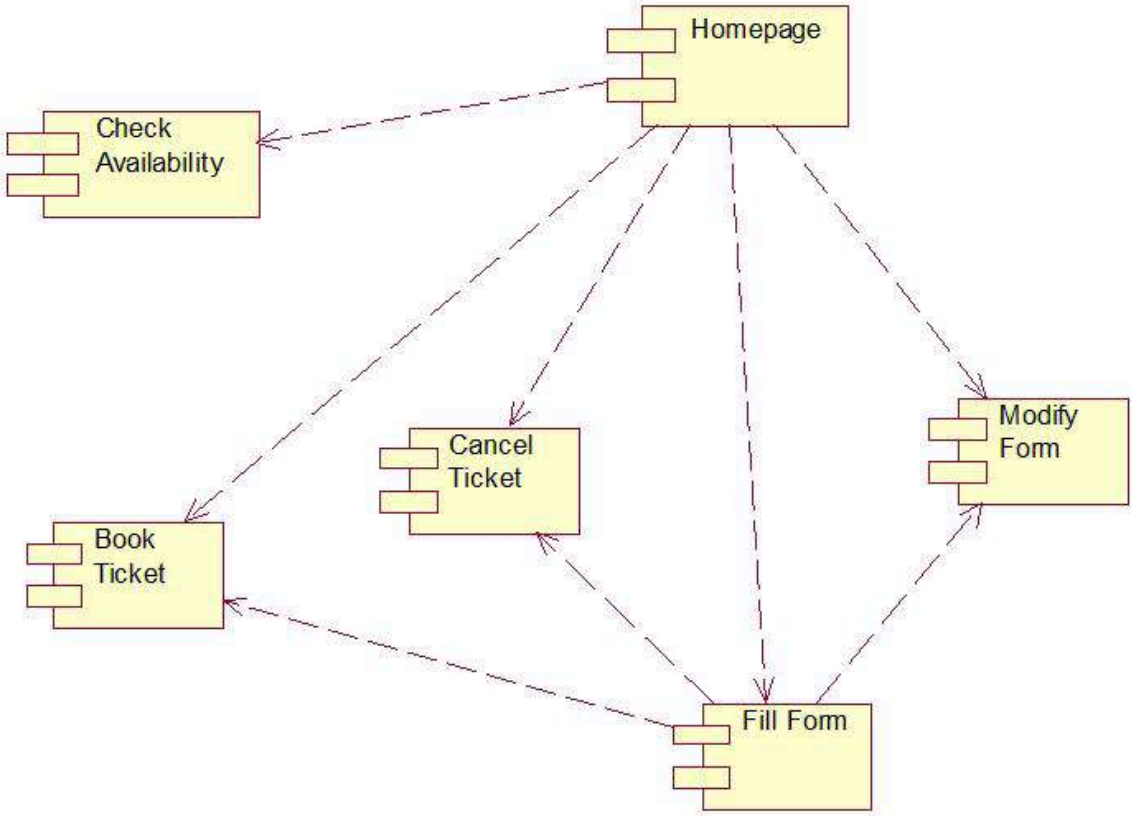


Banking system (use half rounded rectangles in the diagram below)

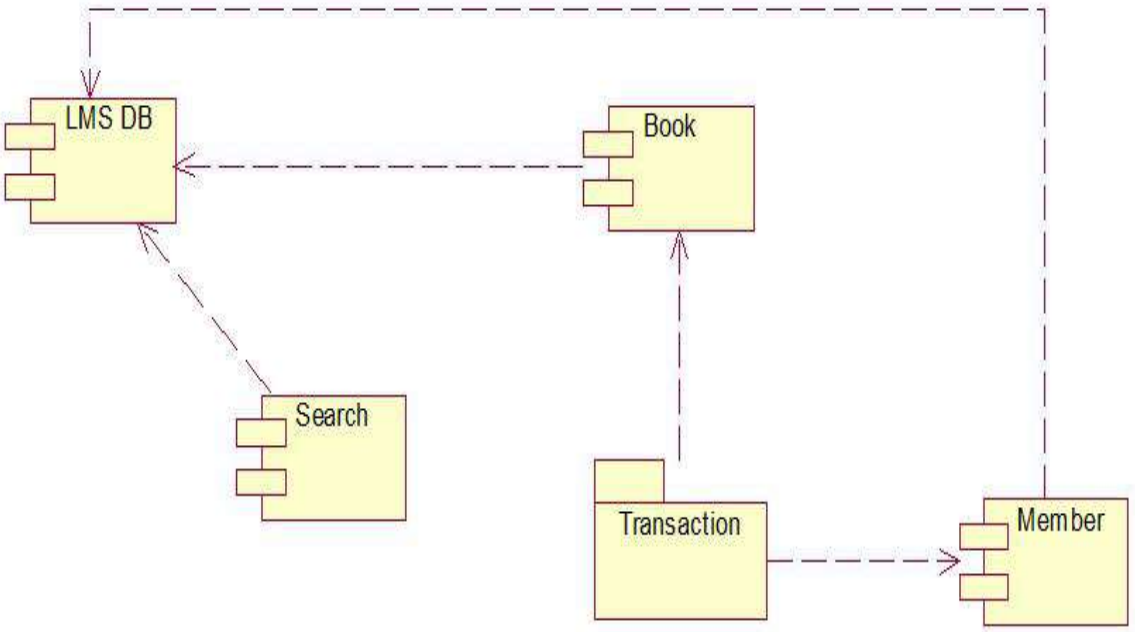


Component Diagram

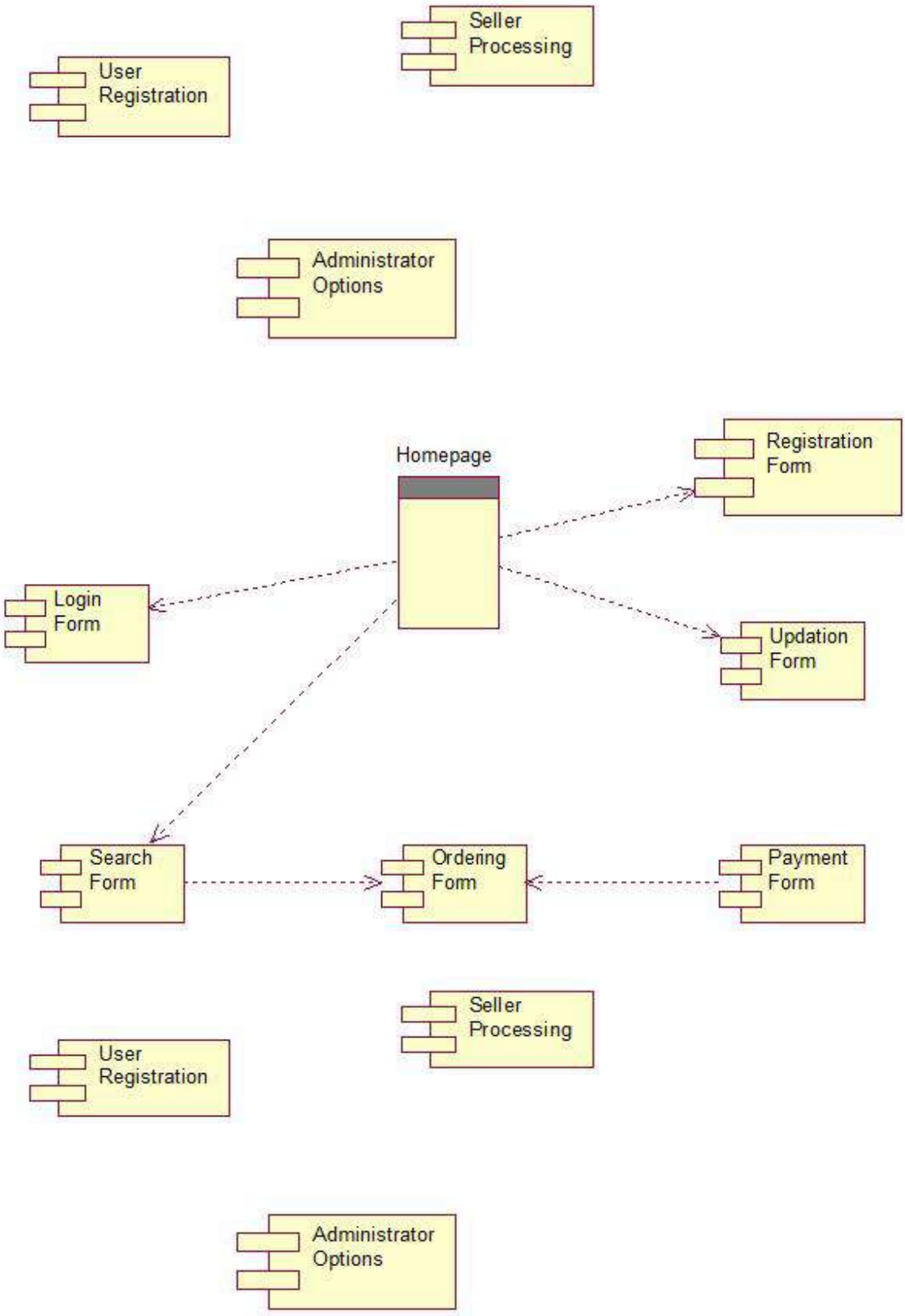
1. Railway Reservation system



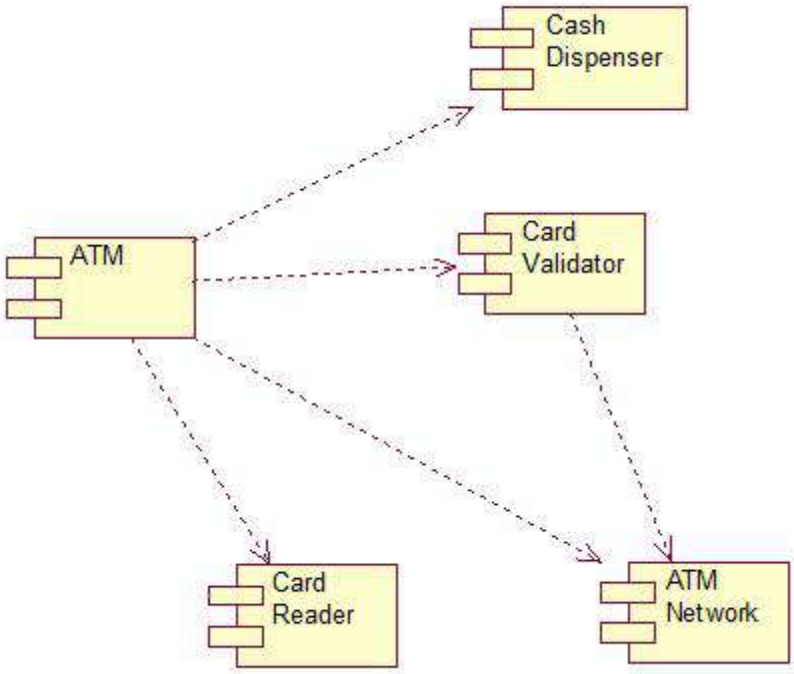
2. Library Management system



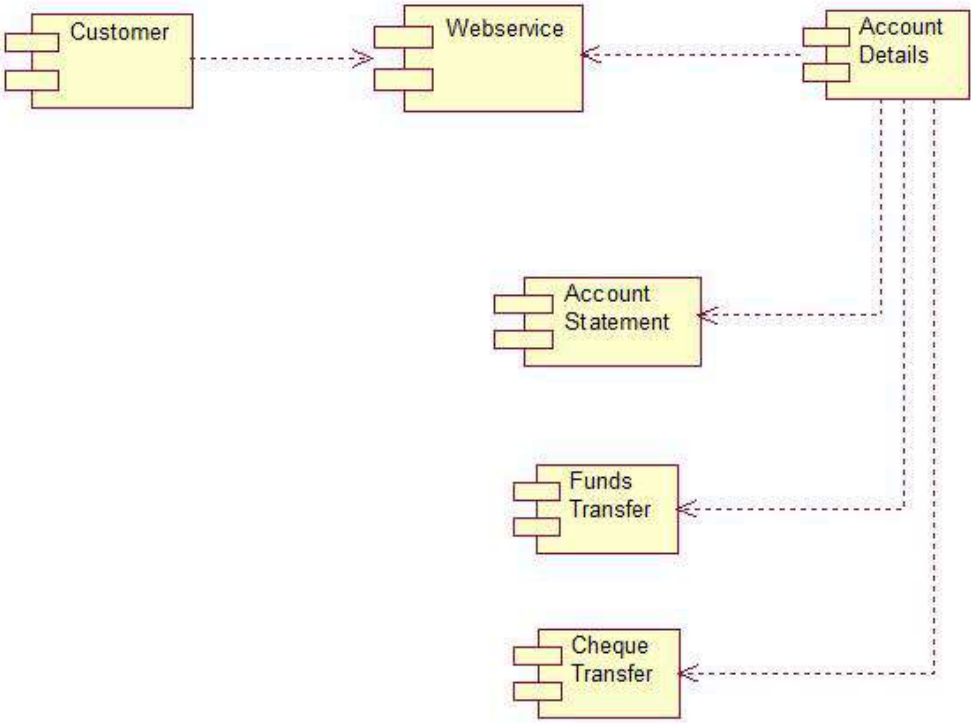
3. Online book shopping



4. ATM System

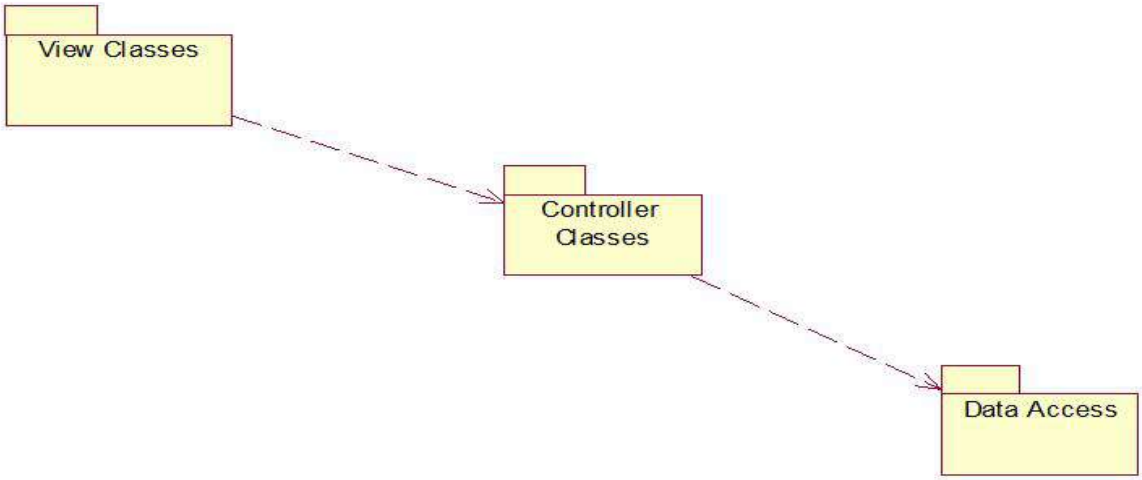


5. Online banking

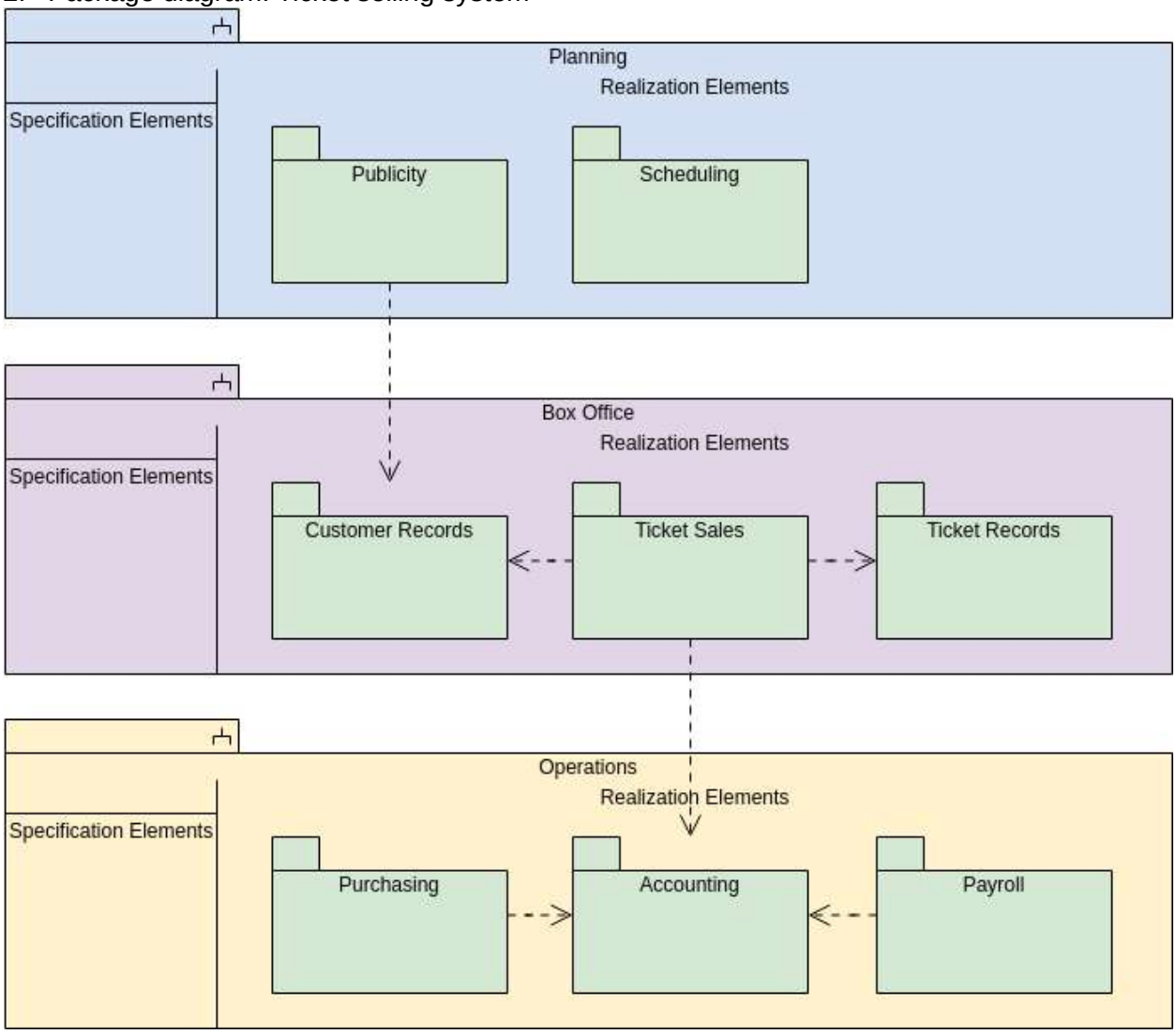


Package diagram

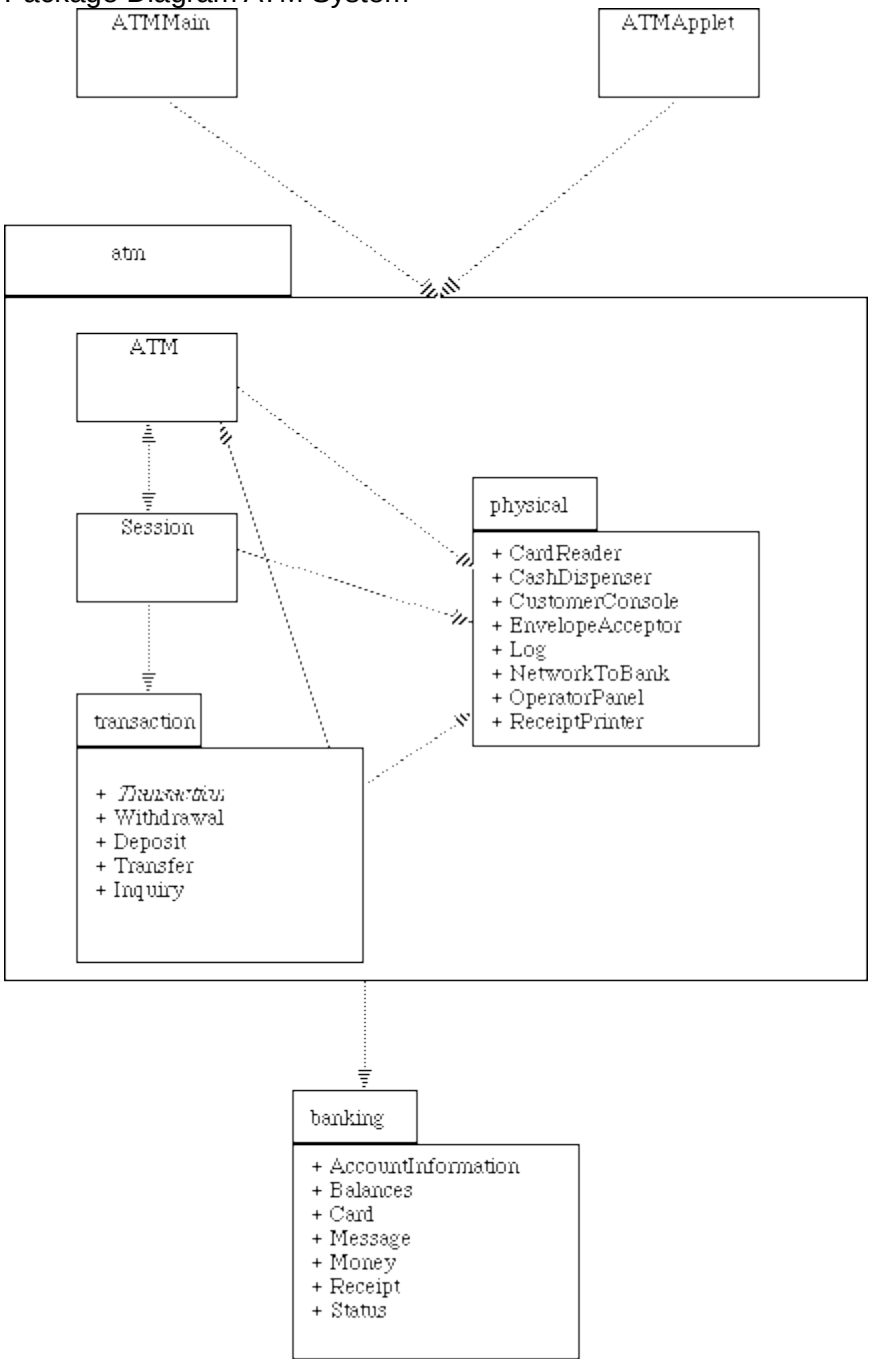
1. Railway Reservation



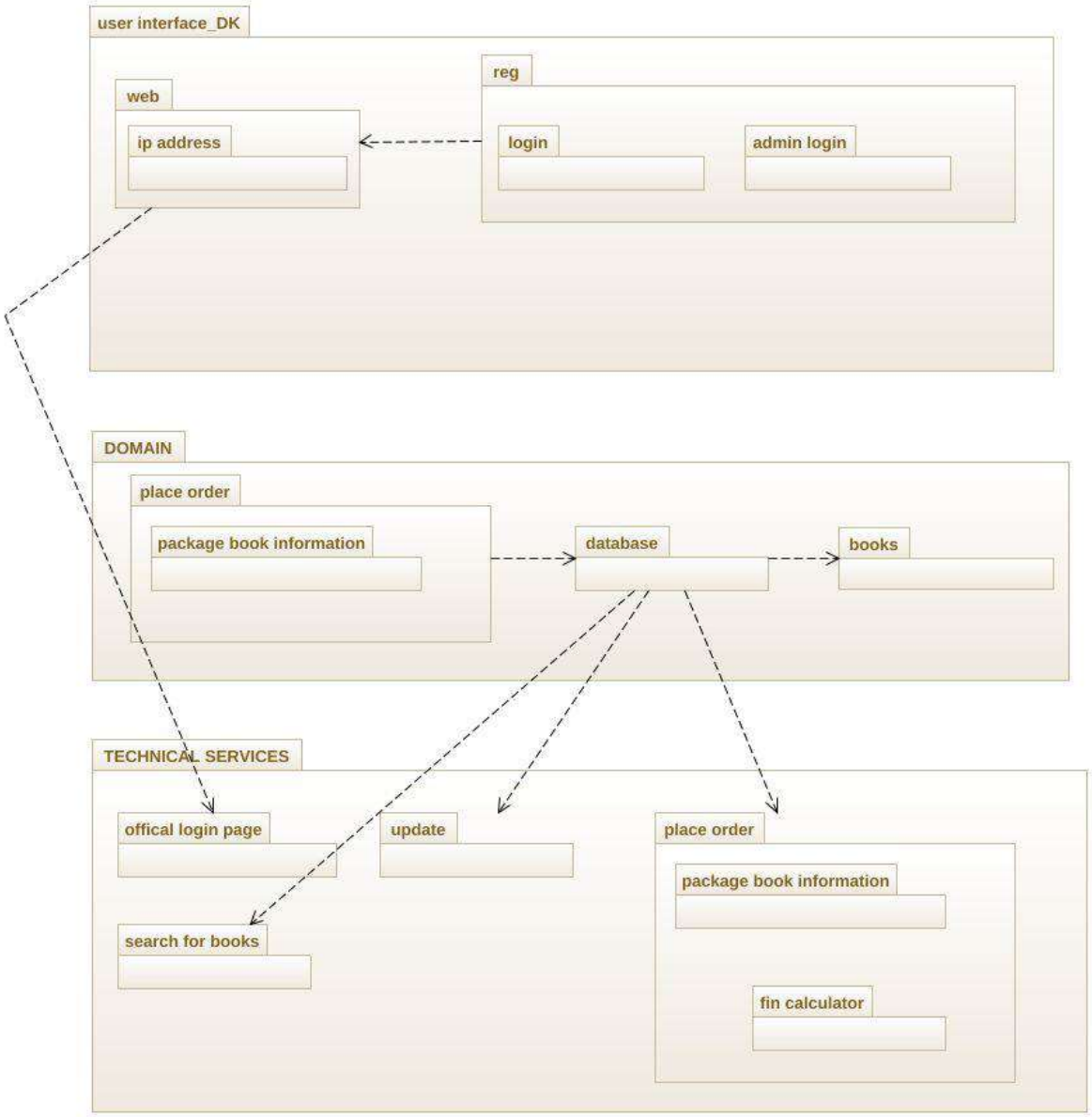
2. Package diagram: Ticket selling system



3. Package Diagram ATM System



4. Library Management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web
ip address
reg
login
admin login
DOMAIN
place order
package book information
database
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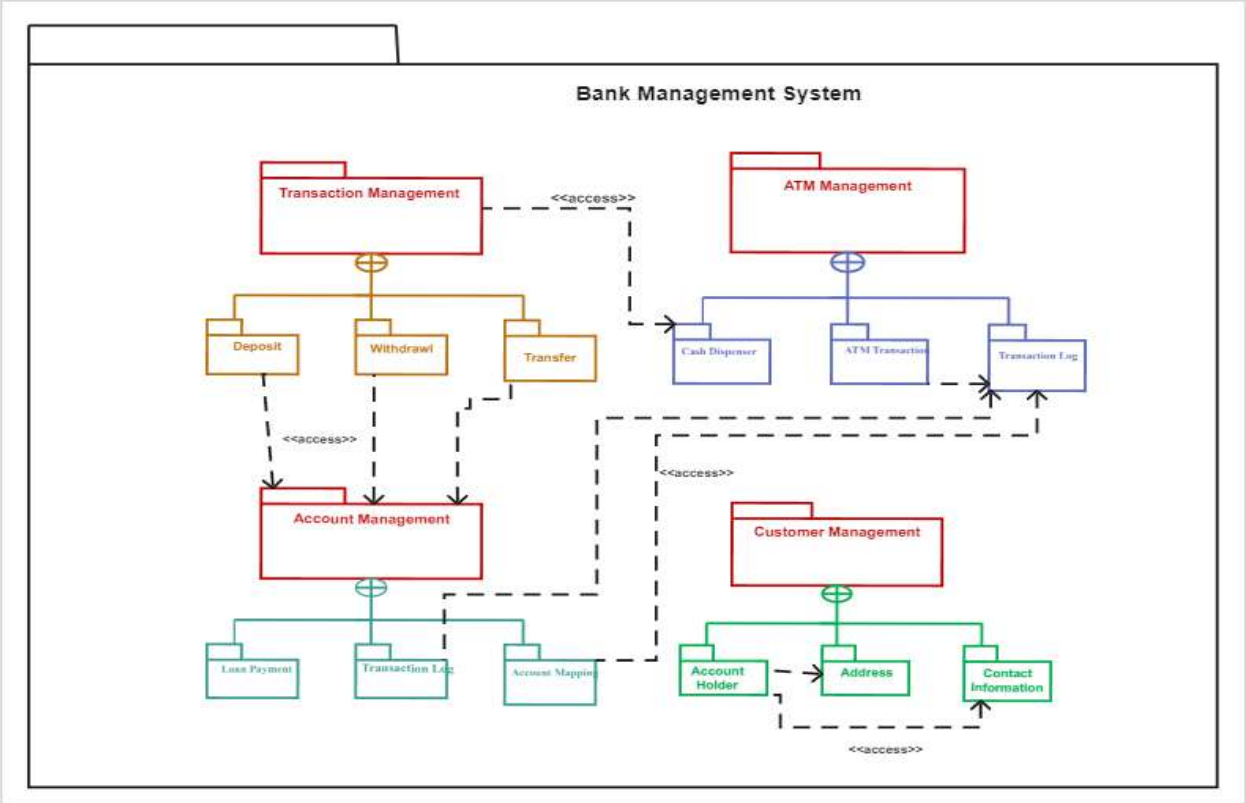
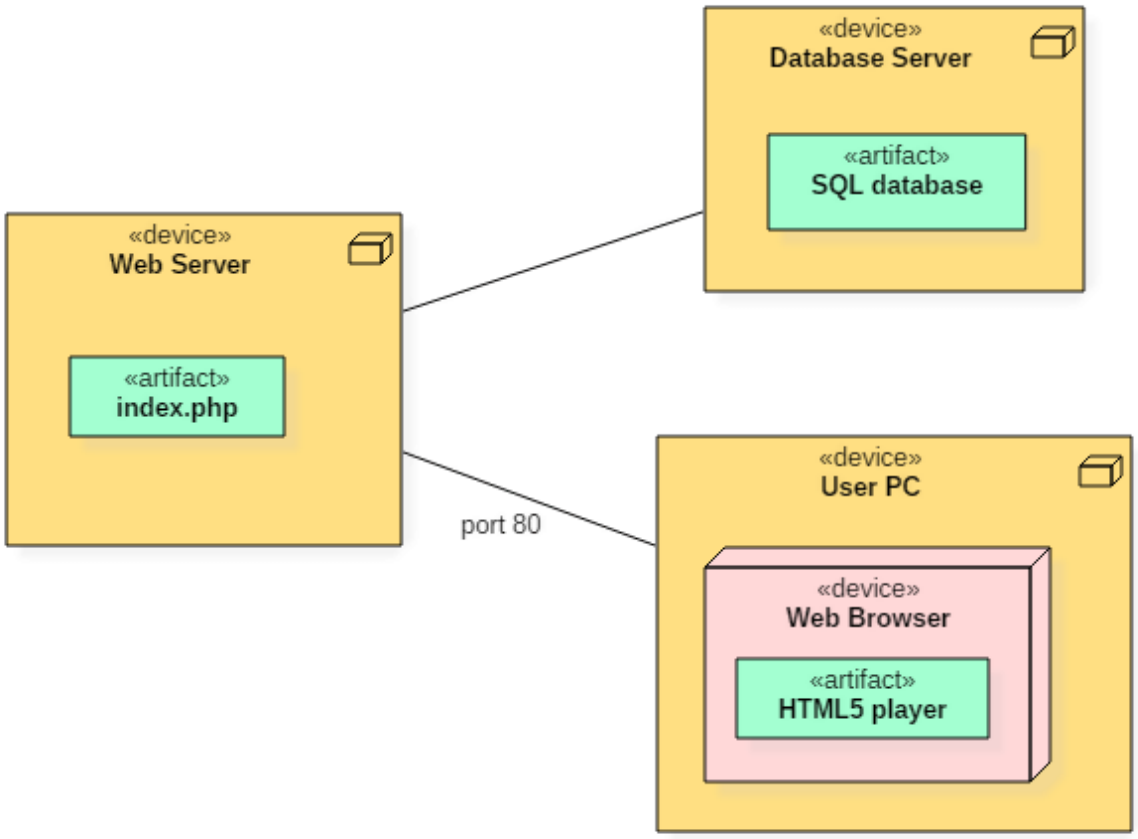
TECHNICAL SERVICES
offical login page
update
place order
package book information
search for books
fin calculator

Bank Management system

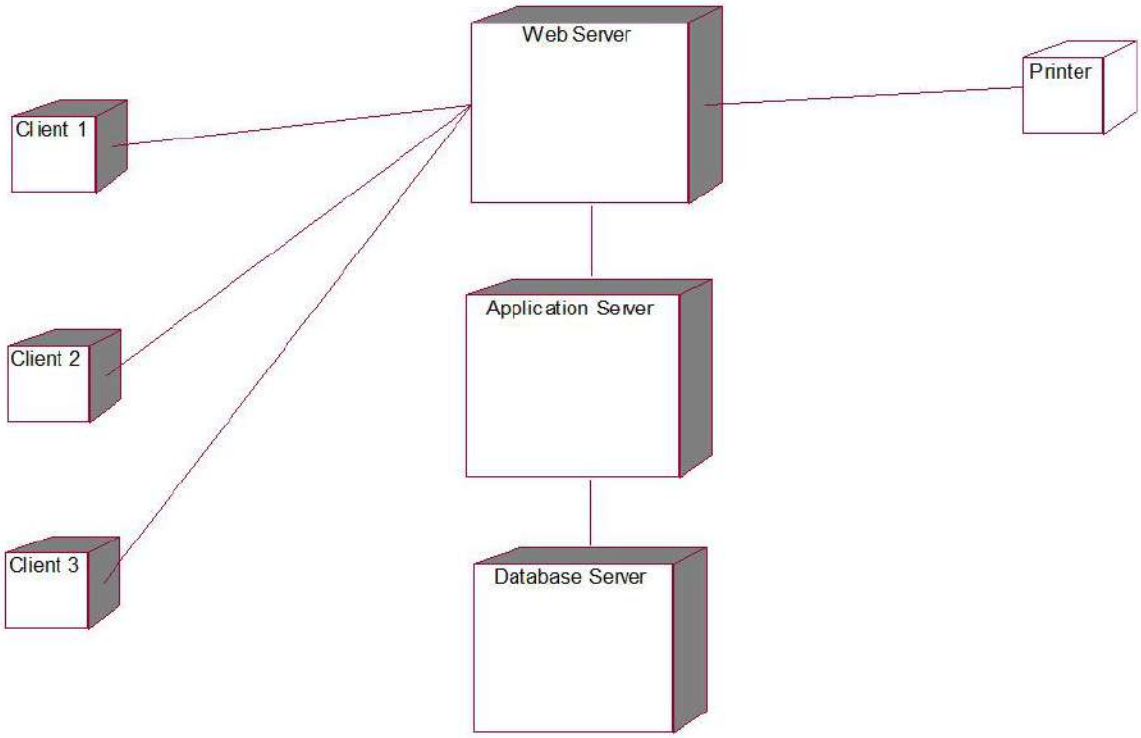


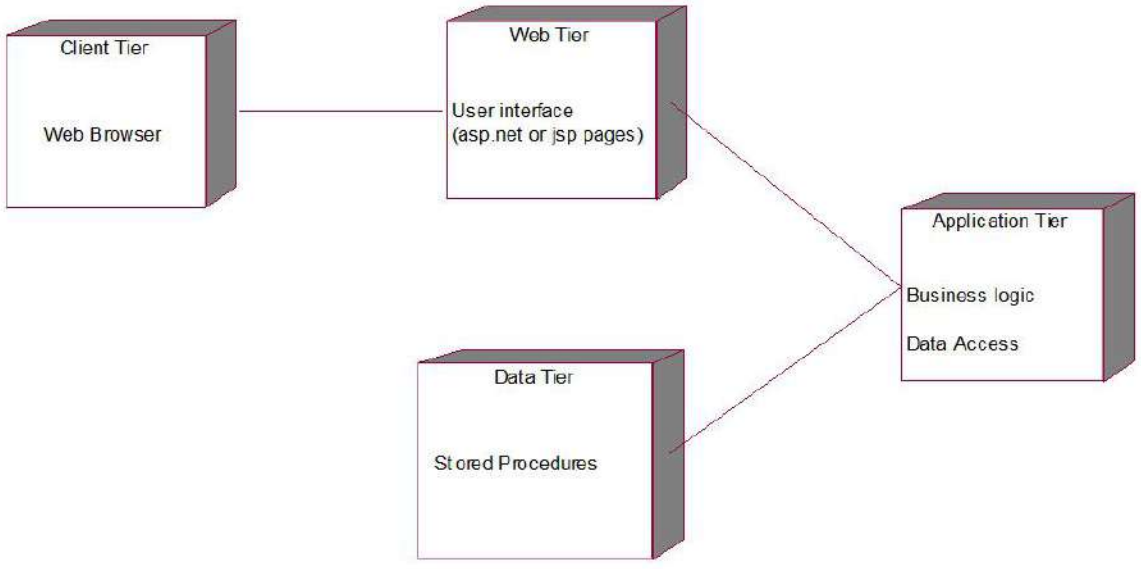
Deployment diagram

1. Working of a HTML Video Player

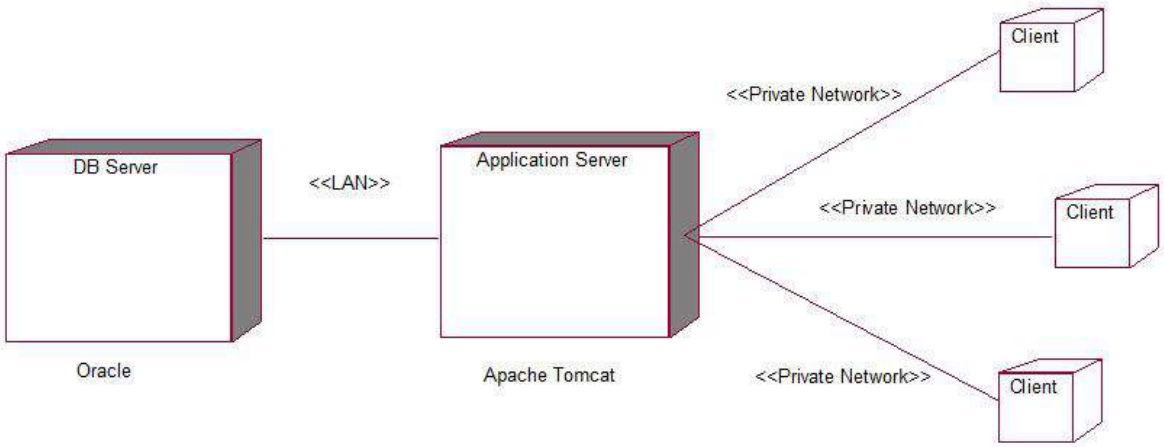


Deployment diagrams

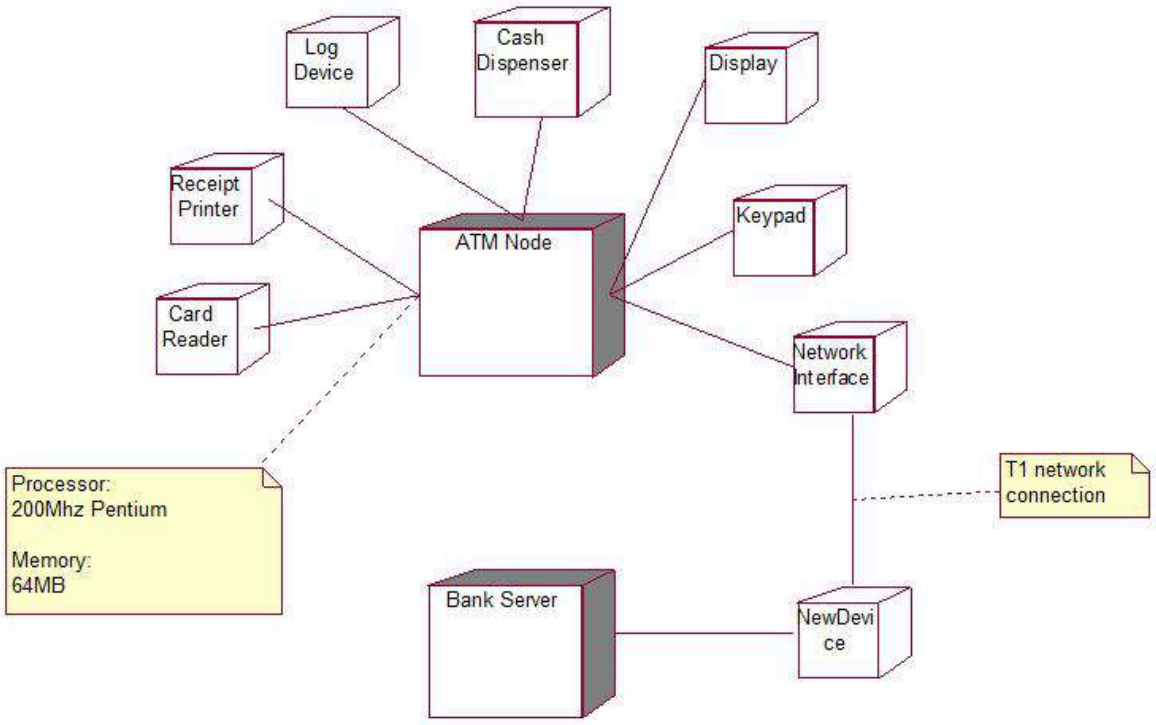




Give appropriate name s to nodes as per the system



Deployment diagram for ATM System as follows



Change the ATM Node comment to latest configuration
Intel Core i5, GB RAM