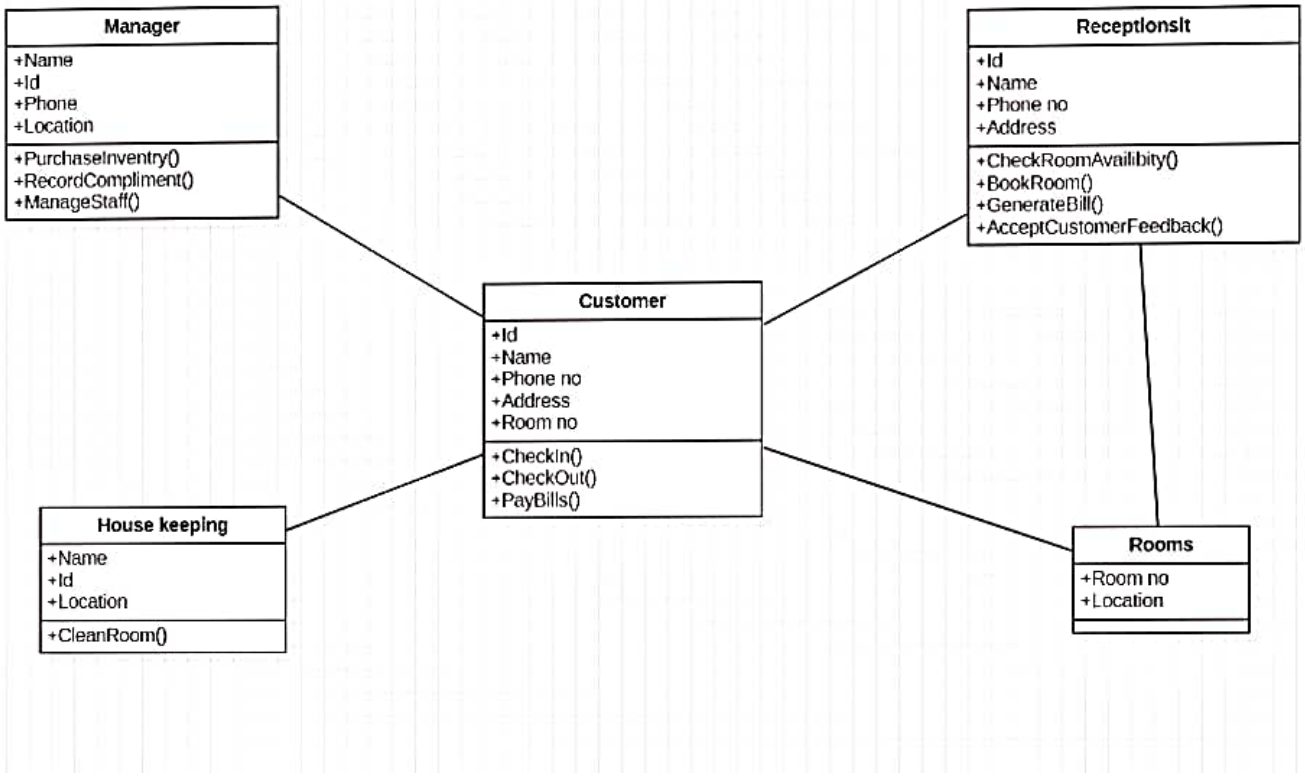
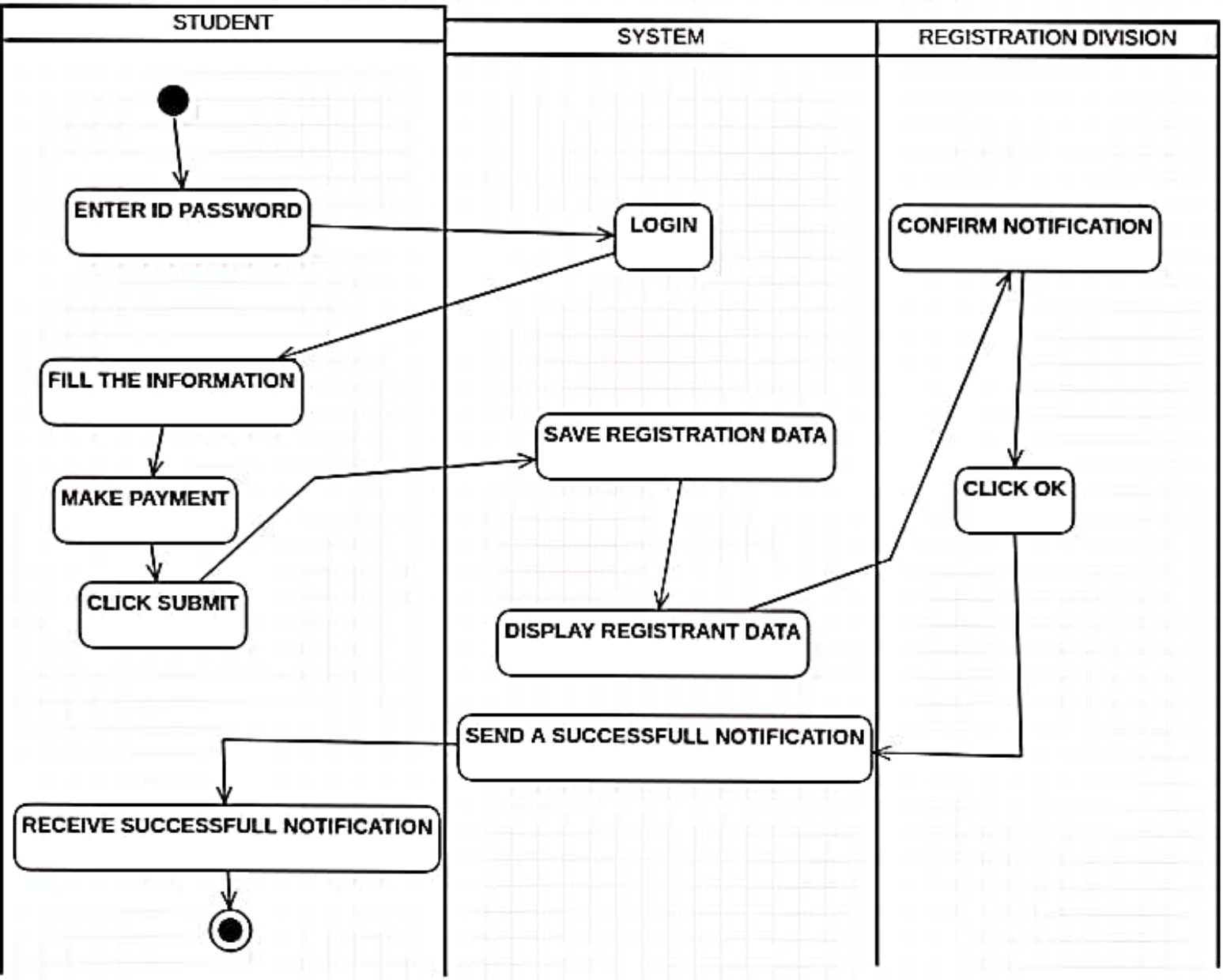
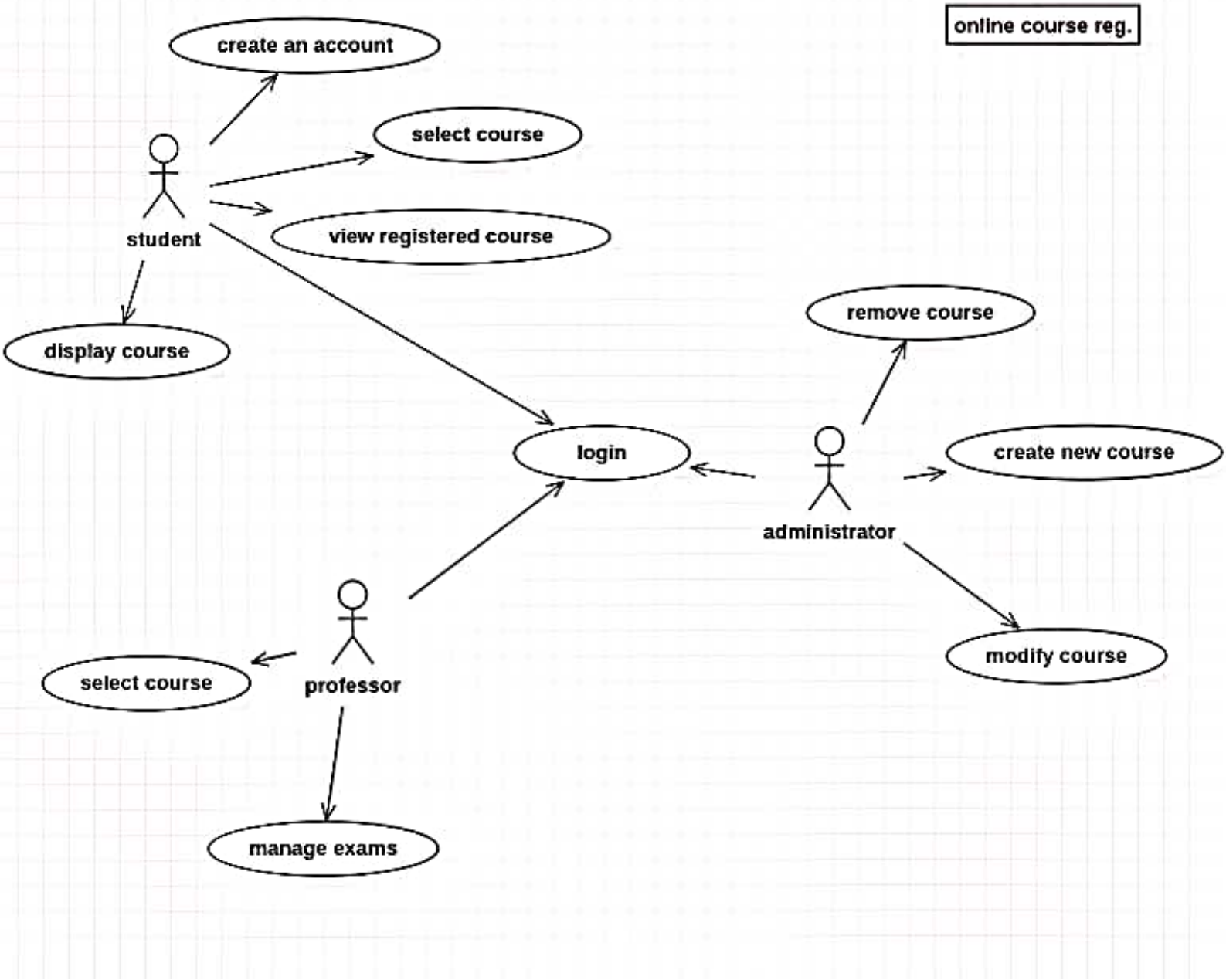
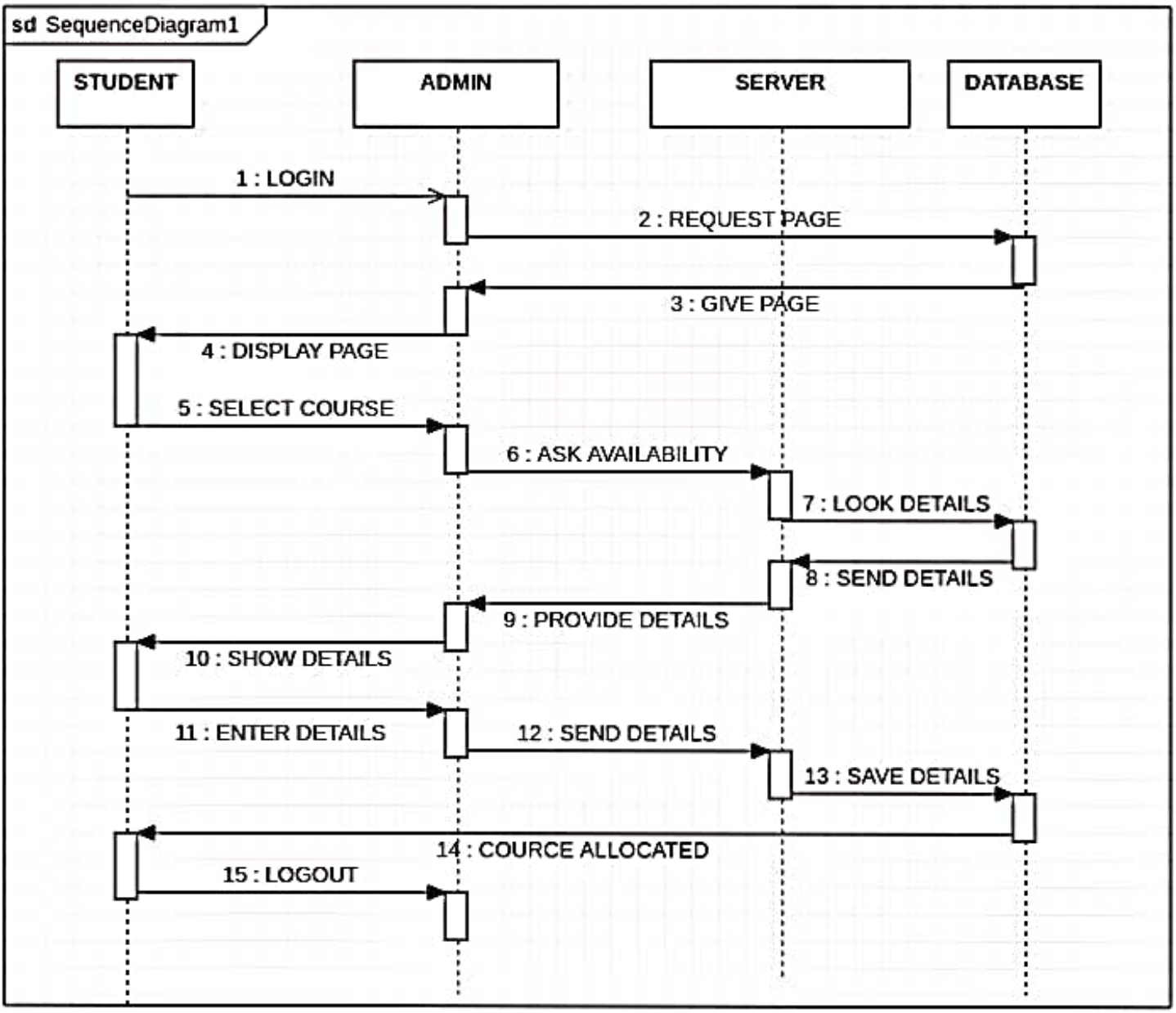
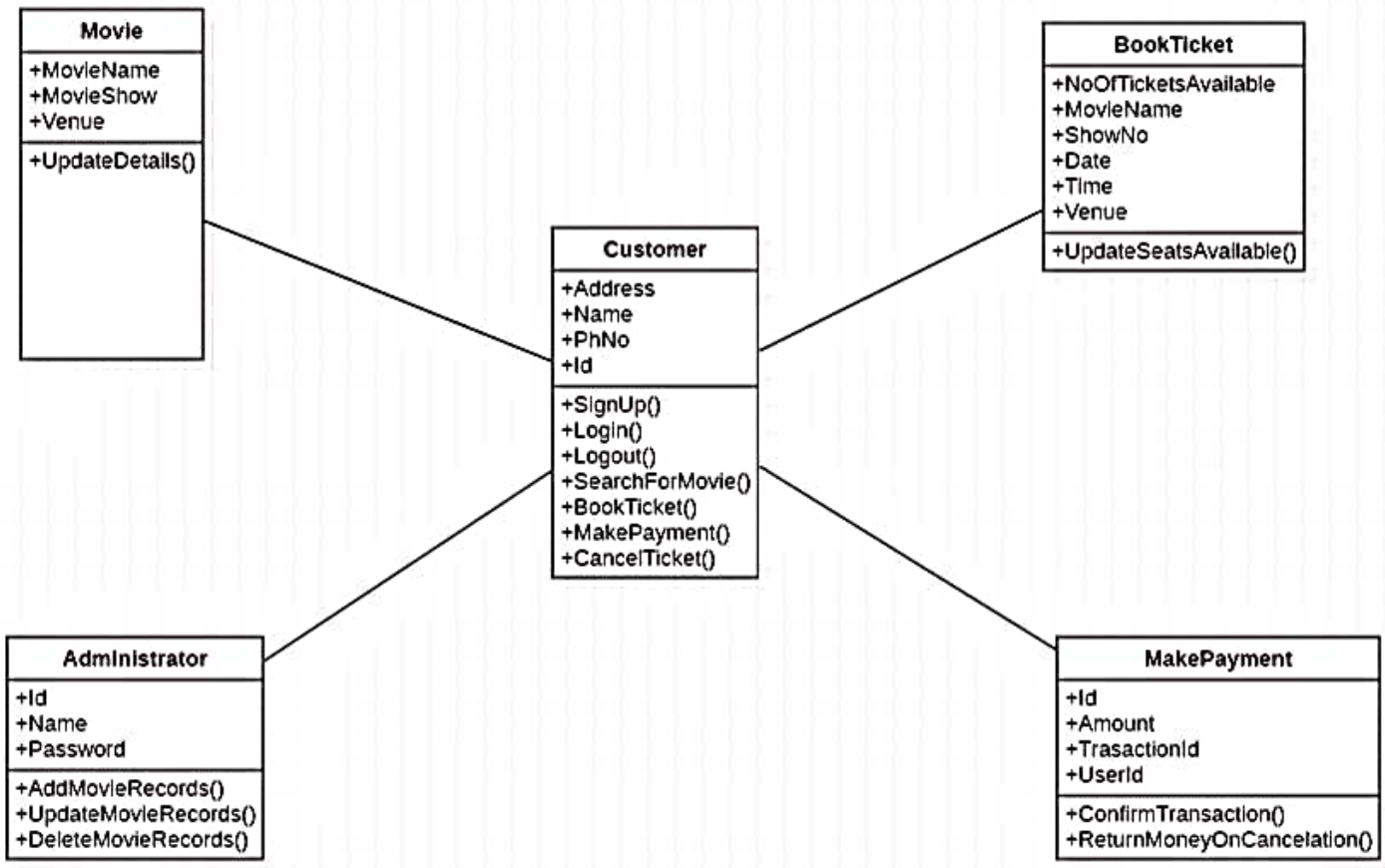

Manager
+Name
+Id
+Phone
+Location
+PurchaseInventry()
+RecordCompliment()
+ManageStaff()
ReceptionsIt
+Id
+Name
+Phone no
+Address
+CheckRoomAvailibity()
+BookRoom()
+GenerateBill()
+AcceptCustomerFeedback()
Customer
+Id
+Name
+Phone no
+Address
+Room no
+CheckIn()
+CheckOut()
+PayBills()
House keeping
+Name
+Id
+Location
+CleanRoom()
Rooms
+Room no
+Location

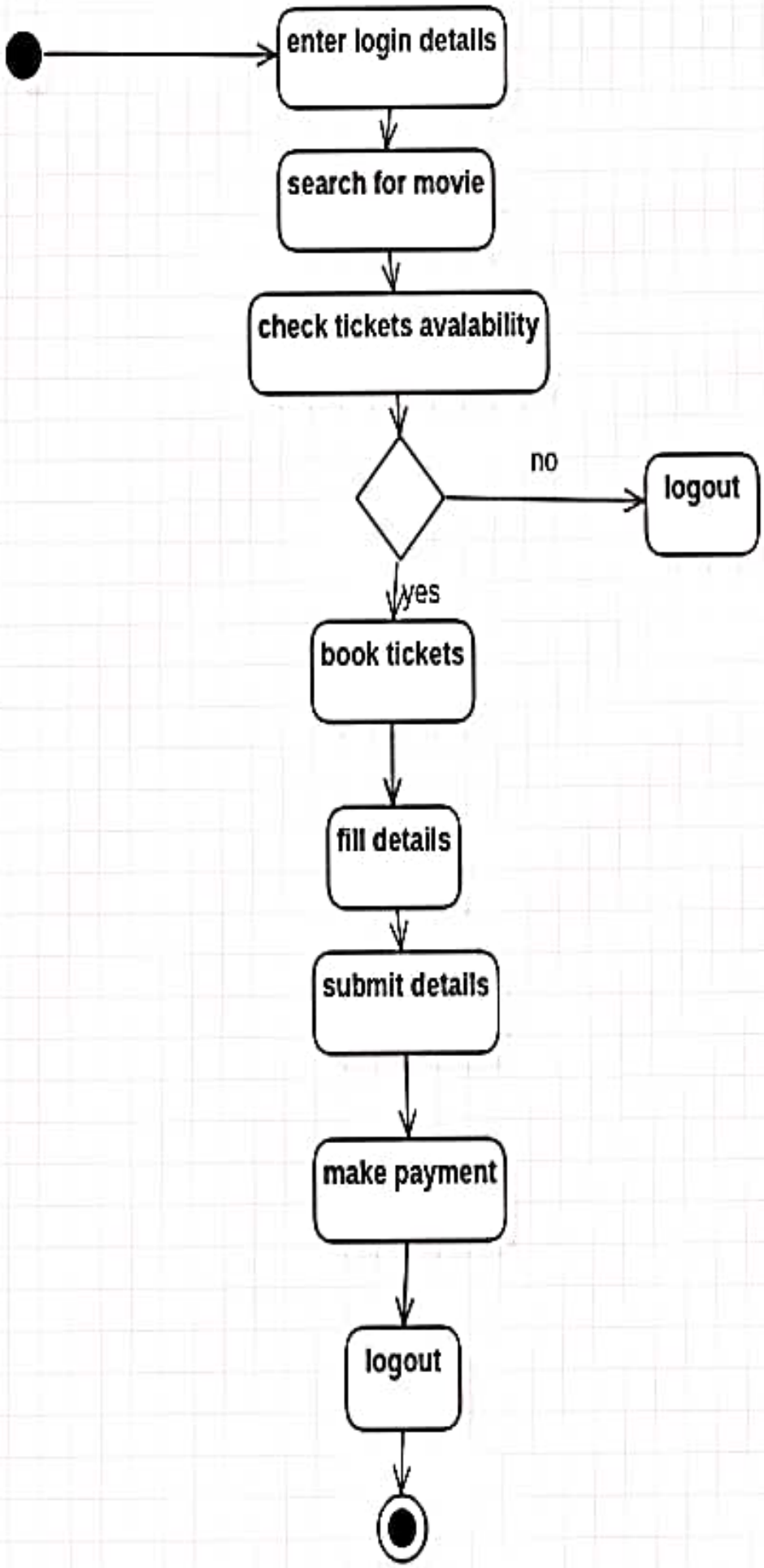

STUDENT
SYSTEM
REGISTRATION DIVISION
ENTER ID PASSWORD
LOGIN
CONFIRM NOTIFICATION
FILL THE INFORMATION
SAVE REGISTRATION DATA
MAKE PAYMENT
CLICK OK
CLICK SUBMIT
DISPLAY REGISTRANT DATA
SEND A SUCCESSFULL NOTIFICATION
RECEIVE SUCCESSFULL NOTIFICATION

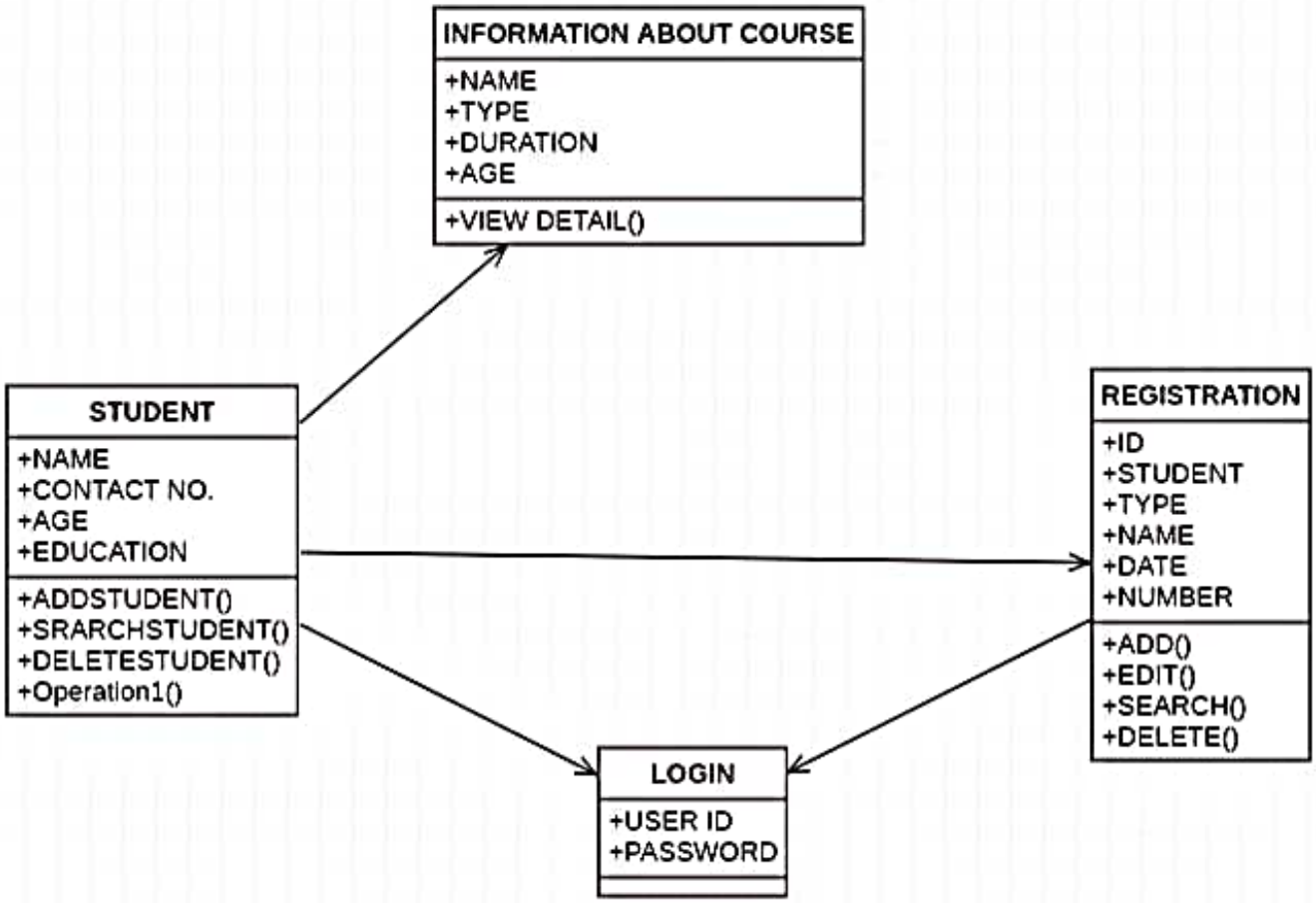

online course reg.
create an account
select course
student
view registered course
display course
remove course
login
create new course
administrator
modify course
select course
professor
manage exams

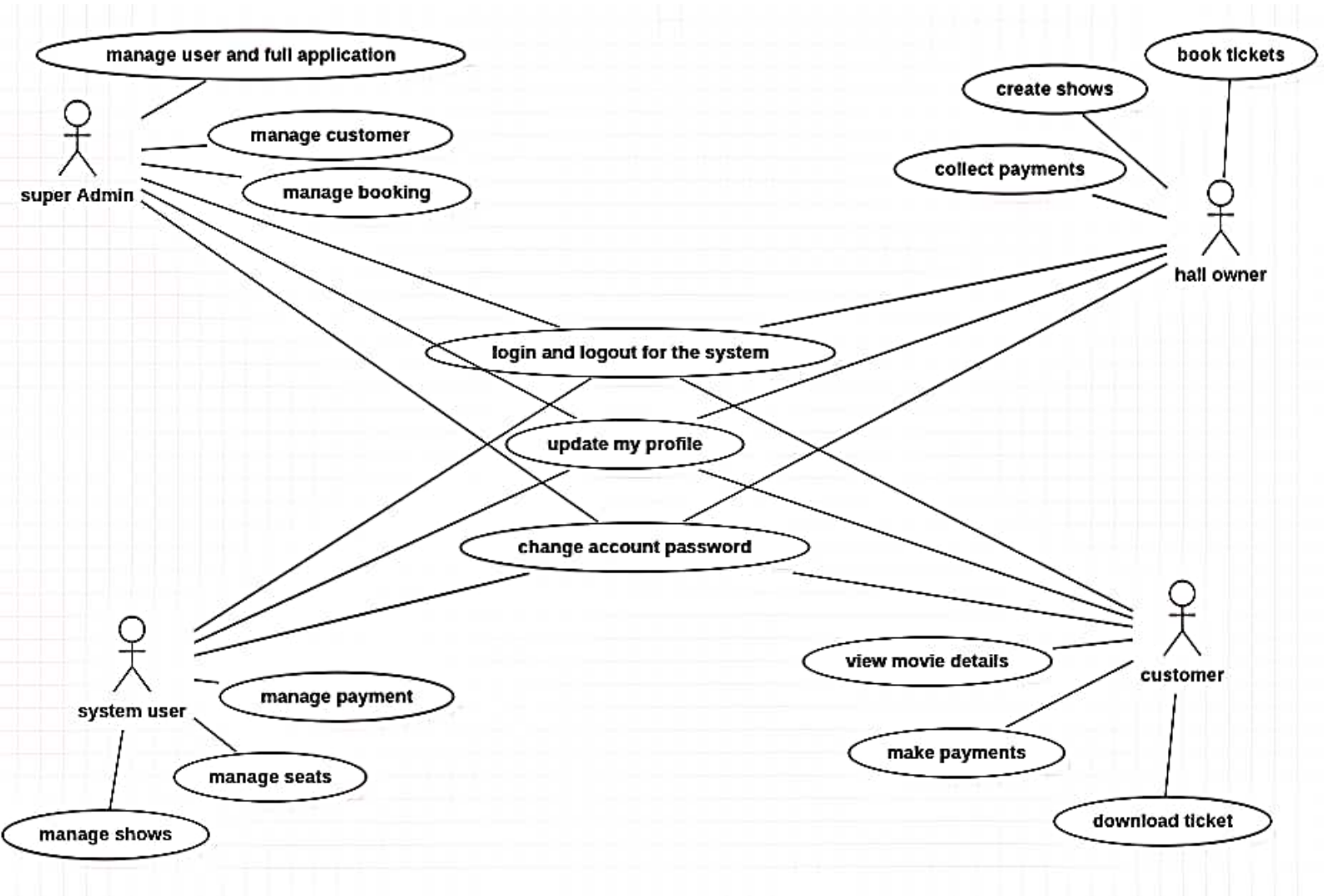
odel Tools View Window Debug Help

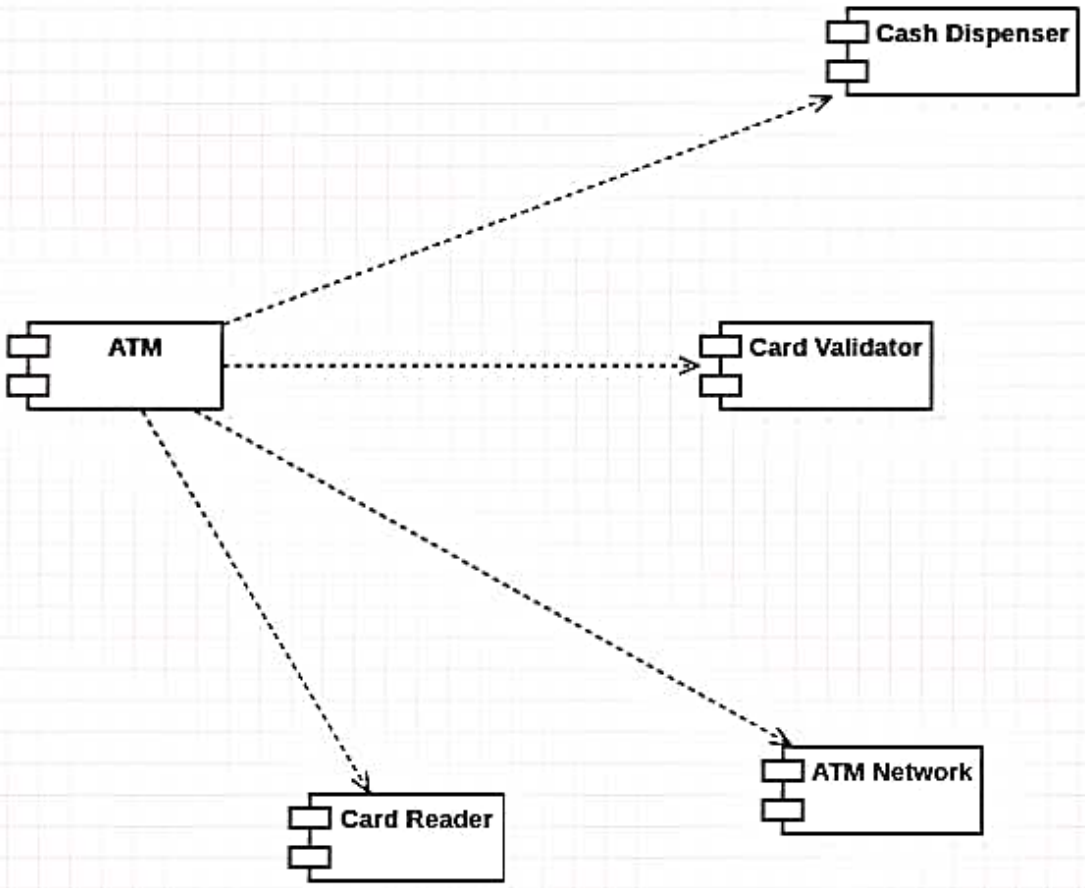


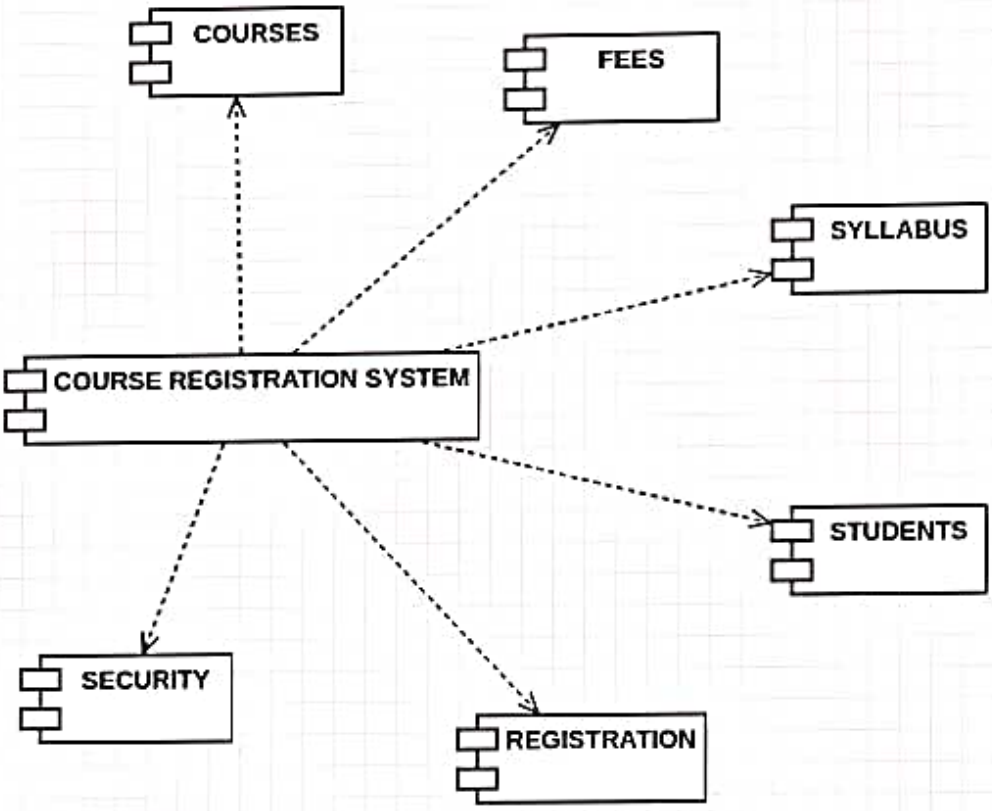

Movie
+MovieName
+MovieShow
+Venue
+UpdateDetails()
BookTicket
+NoOfTicketsAvailable
+MovieName
+ShowNo
+Date
+Time
+Venue
+UpdateSeatsAvailable()
Customer
+Address
+Name
+PhNo
+Id
+SignUp()
+Login()
+Logout()
+SearchForMovie()
+BookTicket()
+MakePayment()
+CancelTicket()
Administrator
+Id
+Name
+Password
+AddMovieRecords()
+UpdateMovieRecords()
+DeleteMovieRecords()
MakePayment
+Id
+Amount
+TrasactionId
+UserId
+ConfirmTransaction()
+ReturnMoneyOnCancelation()

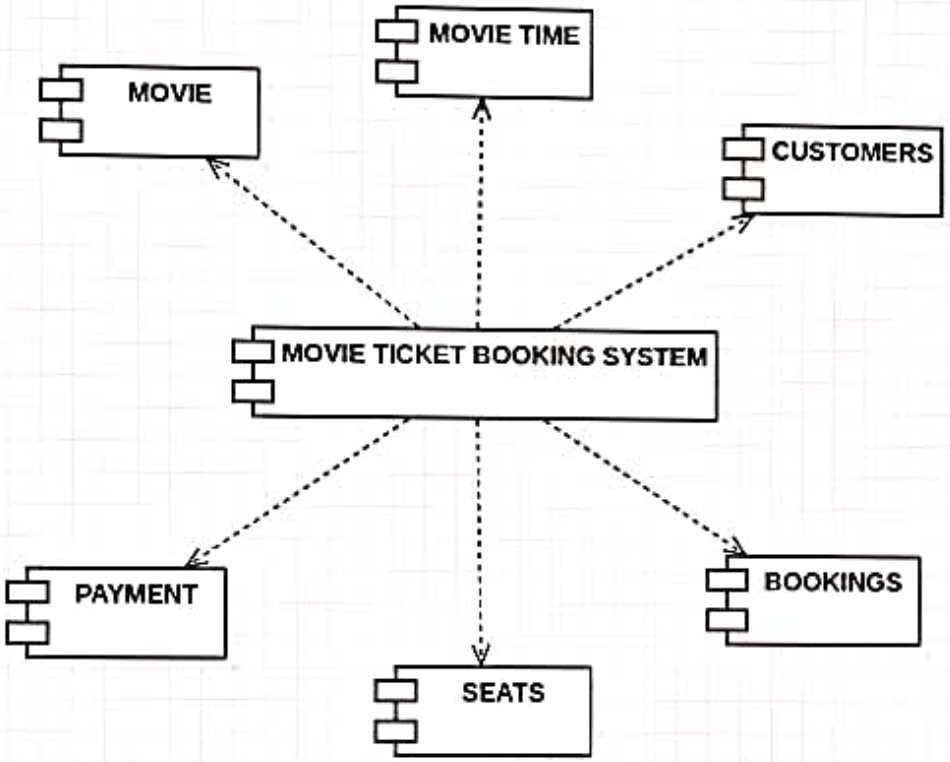

enter login details
search for movie
check tickets avalability
no
logout
yes
book tickets
fill details
submit details
make payment
logout


INFORMATION ABOUT COURSE
+NAME
+TYPE
+DURATION
+AGE
+VIEW DETAIL()
STUDENT
+NAME
+CONTACT NO.
+AGE
+EDUCATION
+ADDSTUDENT()
+SRARCHSTUDENT()
+DELETESTUDENT()
+Operation1()
REGISTRATION
+ID
+STUDENT
+TYPE
+NAME
+DATE
+NUMBER
+ADD()
+EDIT()
+SEARCH()
+DELETE()
LOGIN
+USER ID
+PASSWORD


manage user and full application
super Admin
manage customer
manage booking
book tickets
create shows
collect payments
hall owner
login and logout for the system
update my profile
change account password
system user
manage payment
manage seats
manage shows
view movie details
customer
make payments
download ticket

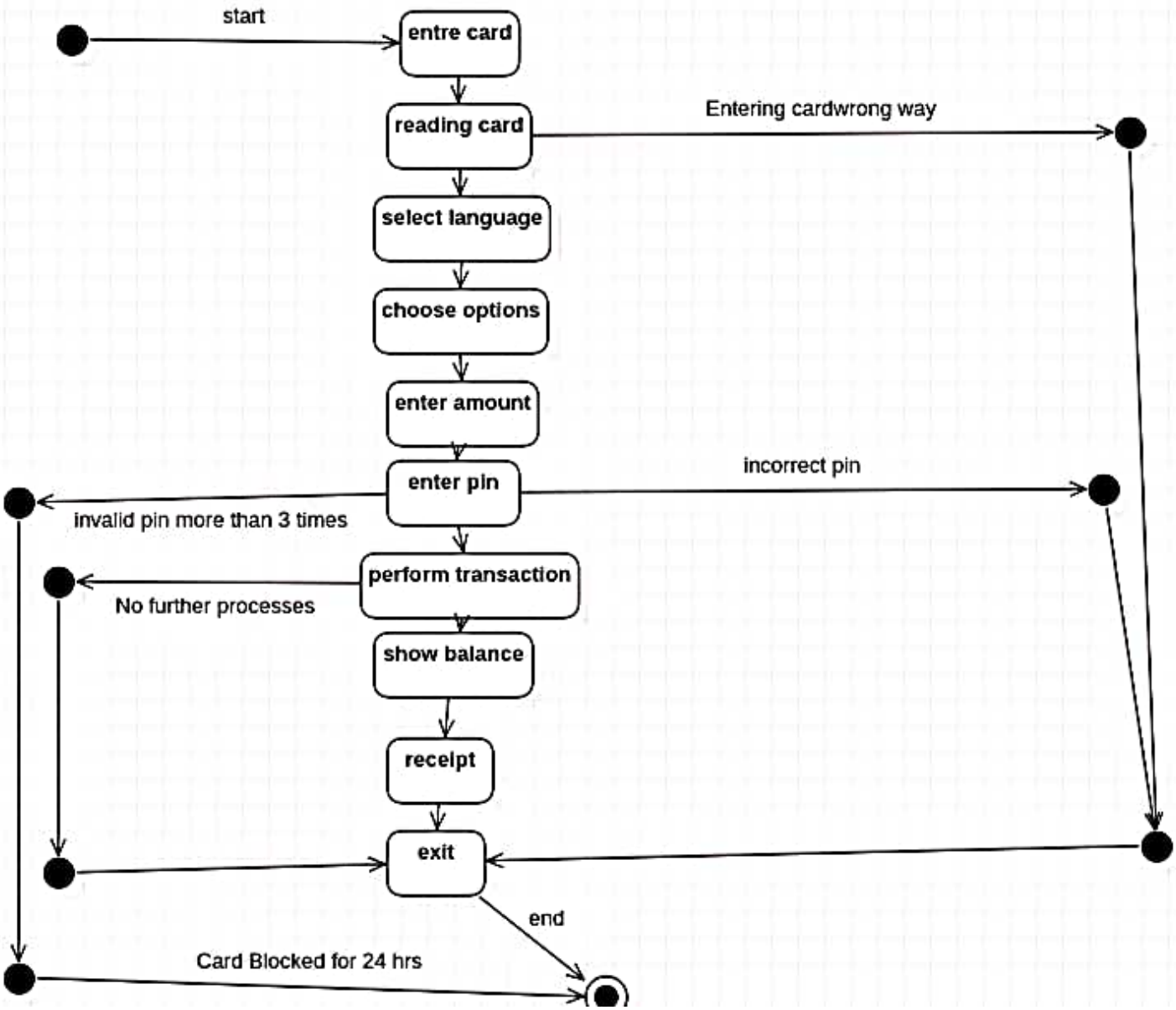

Cash Dispenser
ATM
Card Validator
ATM Network
Card Reader

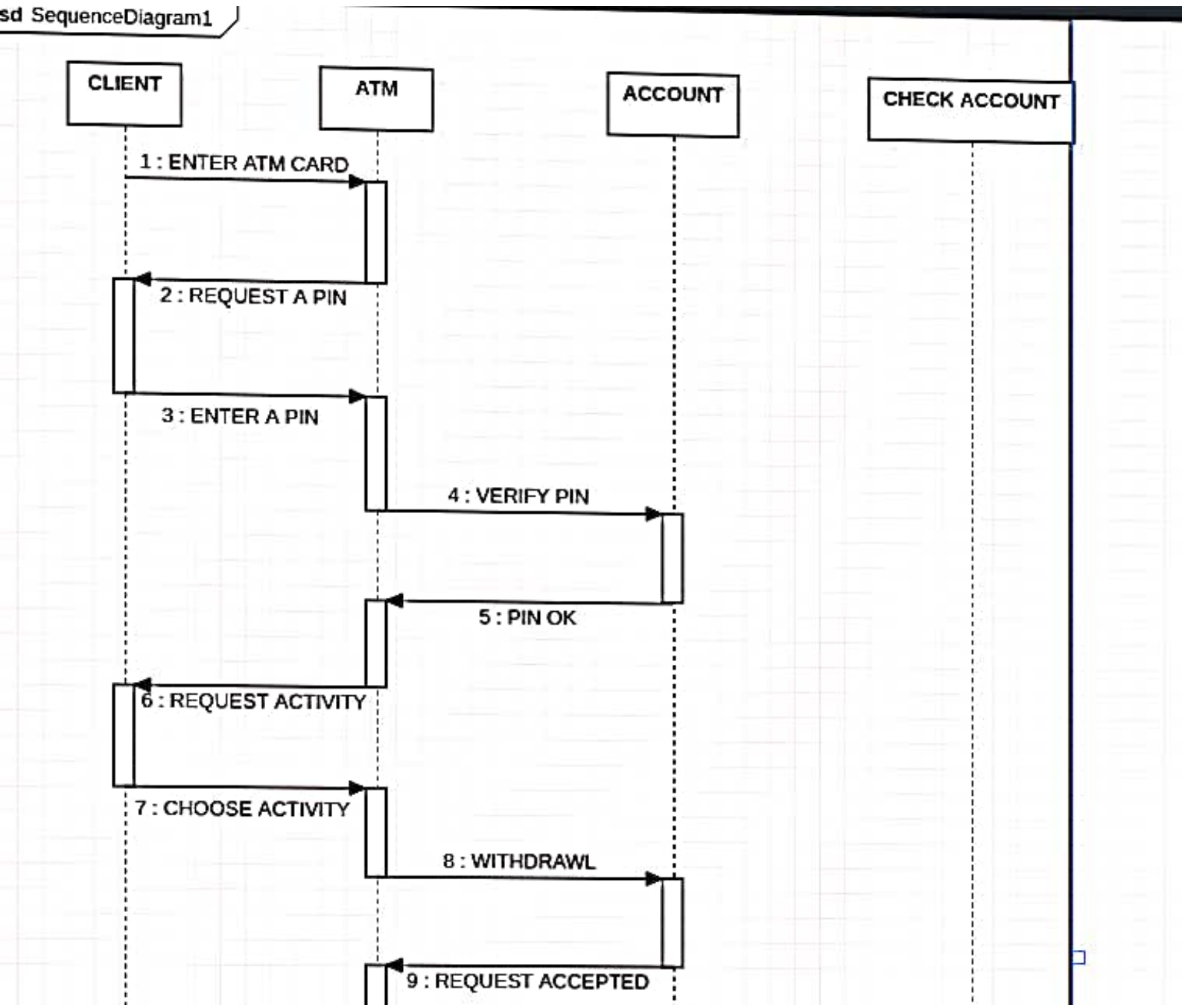

COURSES
FEES
SYLLABUS
COURSE REGISTRATION SYSTEM
STUDENTS
SECURITY
REGISTRATION

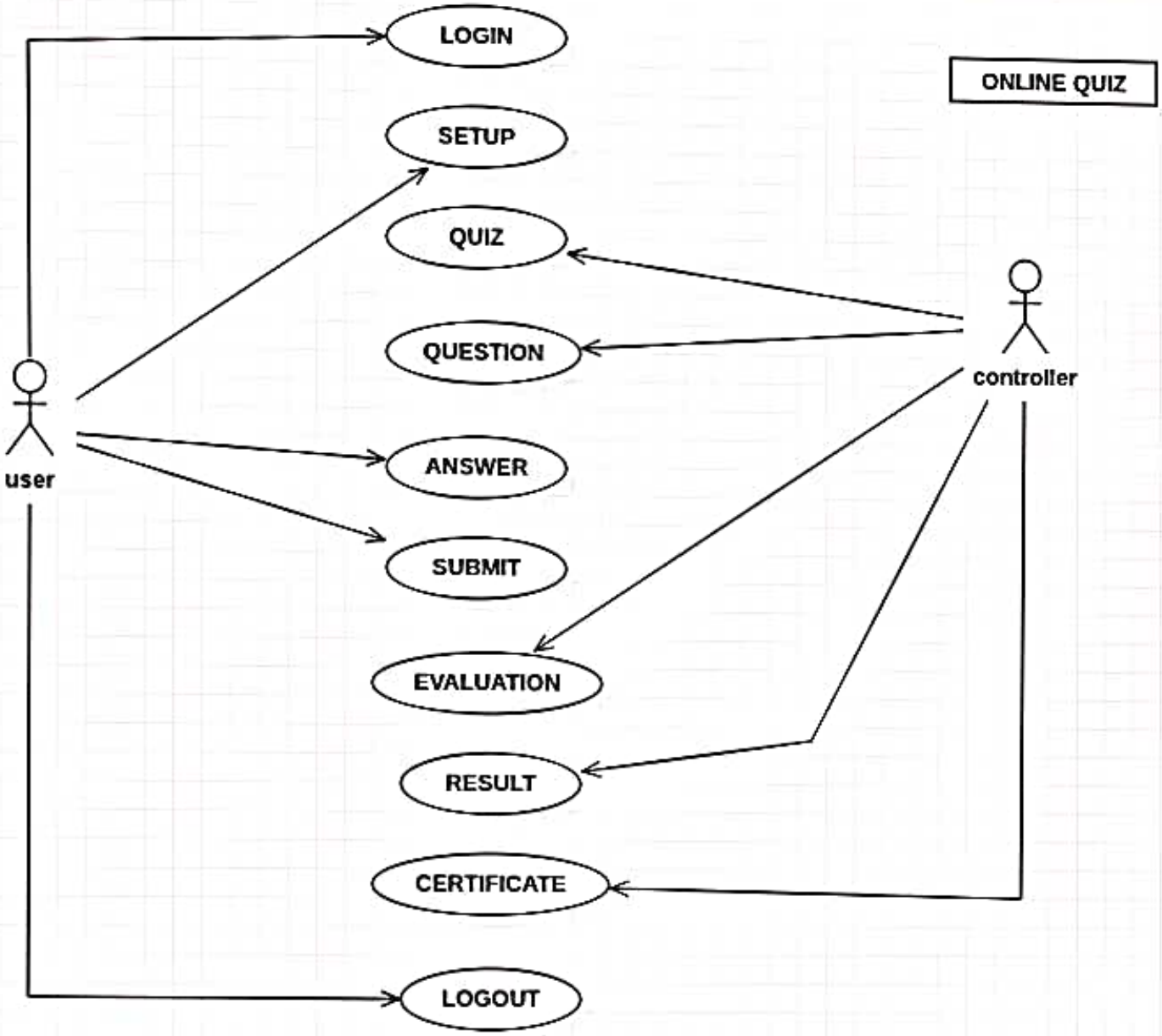

MOVIE TIME
MOVIE
CUSTOMERS
MOVIE TICKET BOOKING SYSTEM
PAYMENT
BOOKINGS
SEATS

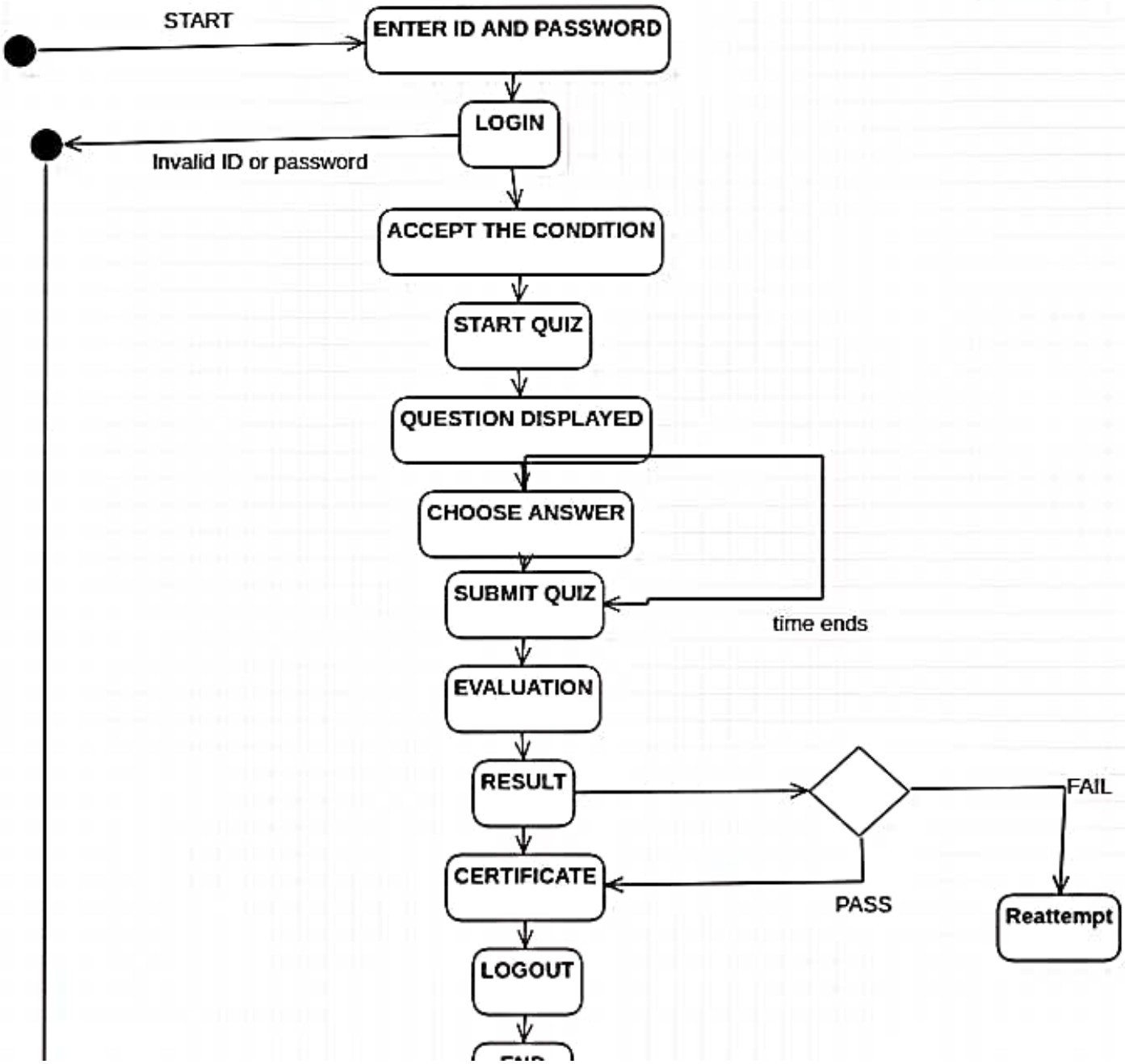
• StarUML (UNREGISTERED)

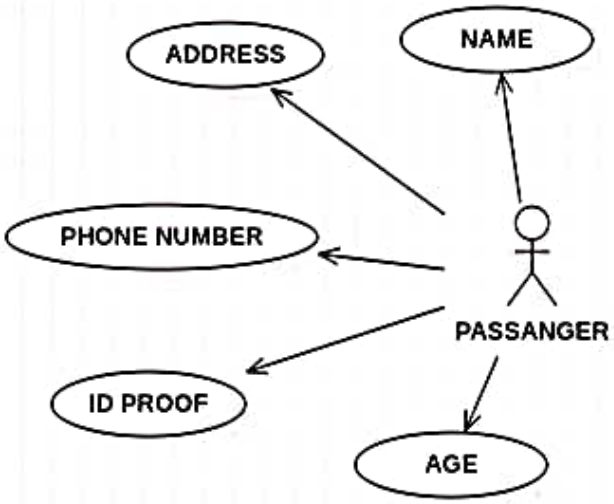
t Model Tools View Window Debug Help

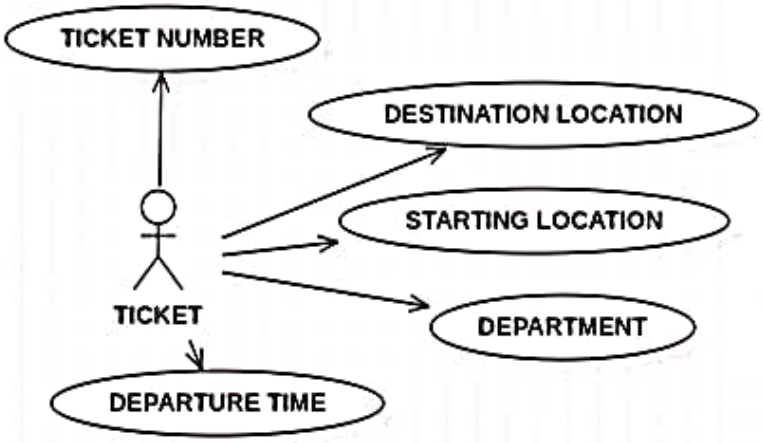


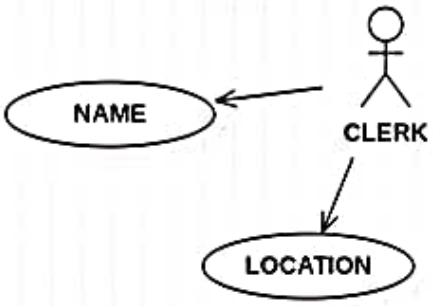

sd SequenceDiagram1
CLIENT
ATM
ACCOUNT
CHECK ACCOUNT
1 : ENTER ATM CARD
2 : REQUEST A PIN
3 : ENTER A PIN
4 : VERIFY PIN
5 : PIN OK
6 : REQUEST ACTIVITY
7 : CHOOSE ACTIVITY
8 : WITHDRAWL
9 : REQUEST ACCEPTED

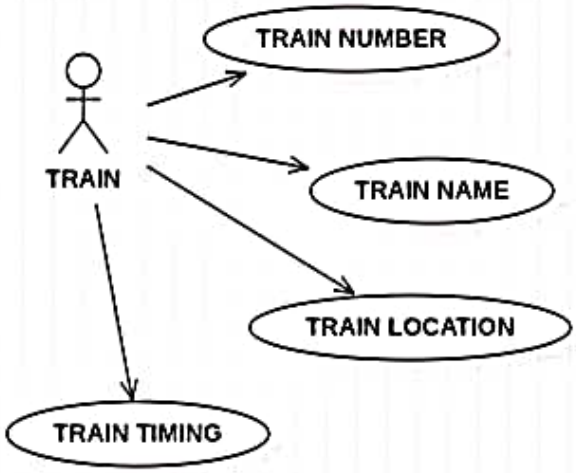

ONLINE QUIZ
LOGIN
SETUP
QUIZ
QUESTION
ANSWER
SUBMIT
EVALUATION
RESULT
CERTIFICATE
LOGOUT
user
controller

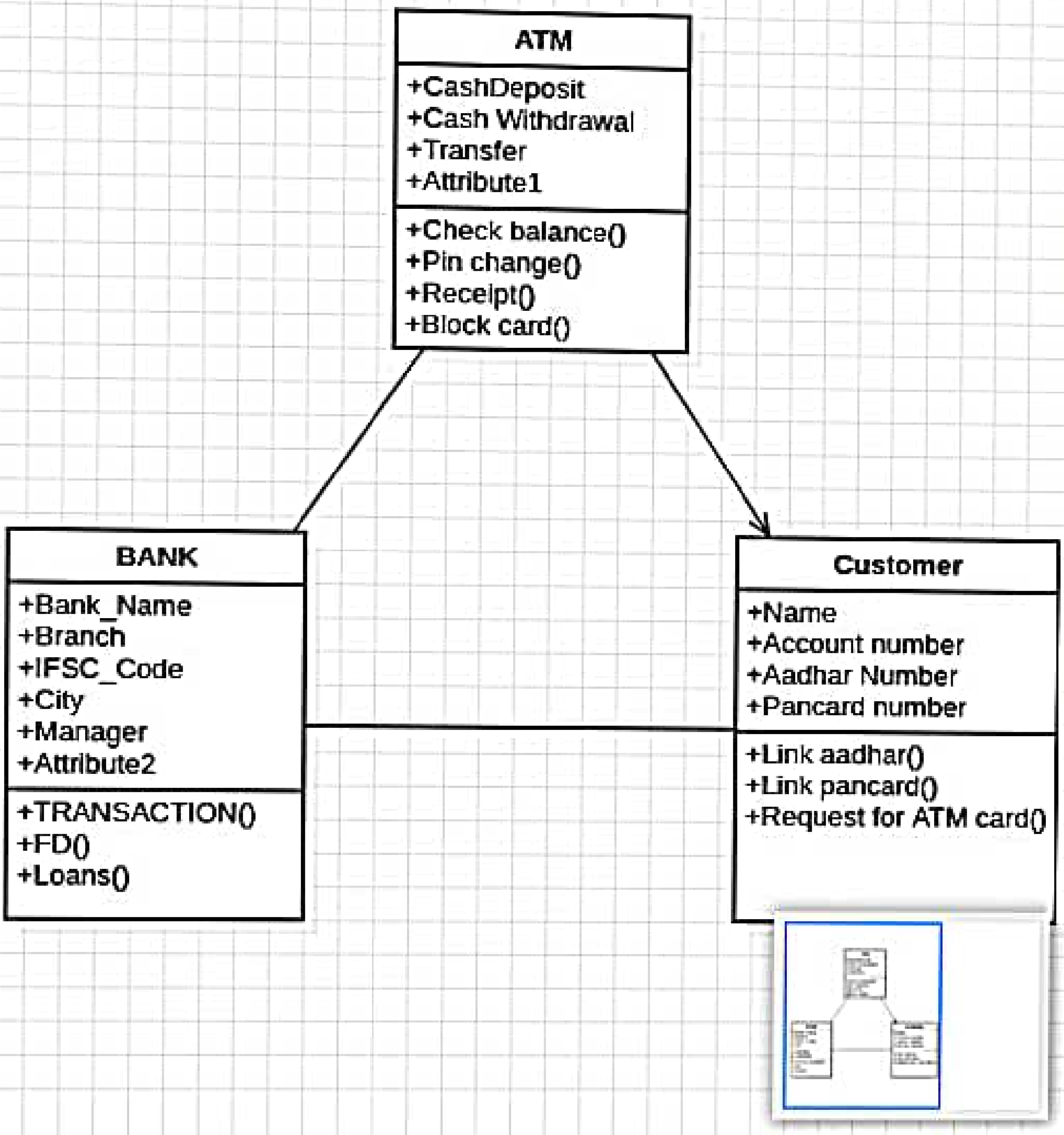

START
ENTER ID AND PASSWORD
LOGIN
Invalid ID or password
ACCEPT THE CONDITION
START QUIZ
QUESTION DISPLAYED
CHOOSE ANSWER
SUBMIT QUIZ
time ends
EVALUATION
RESULT
FAIL
CERTIFICATE
PASS
Reattempt
LOGOUT


ADDRESS
NAME
PHONE NUMBER
PASSANGER
ID PROOF
AGE

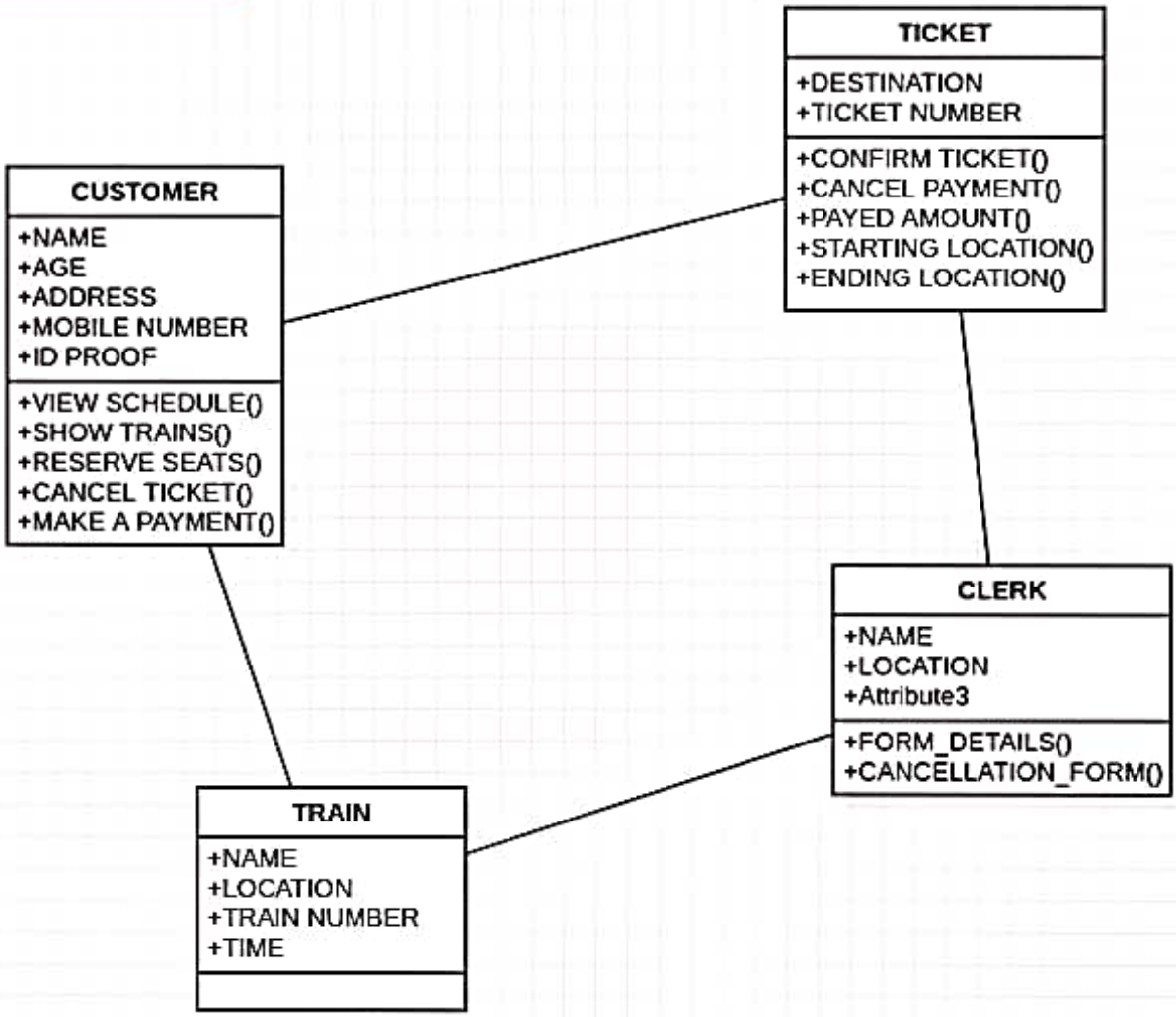

TICKET NUMBER
DESTINATION LOCATION
STARTING LOCATION
TICKET
DEPARTMENT
DEPARTURE TIME

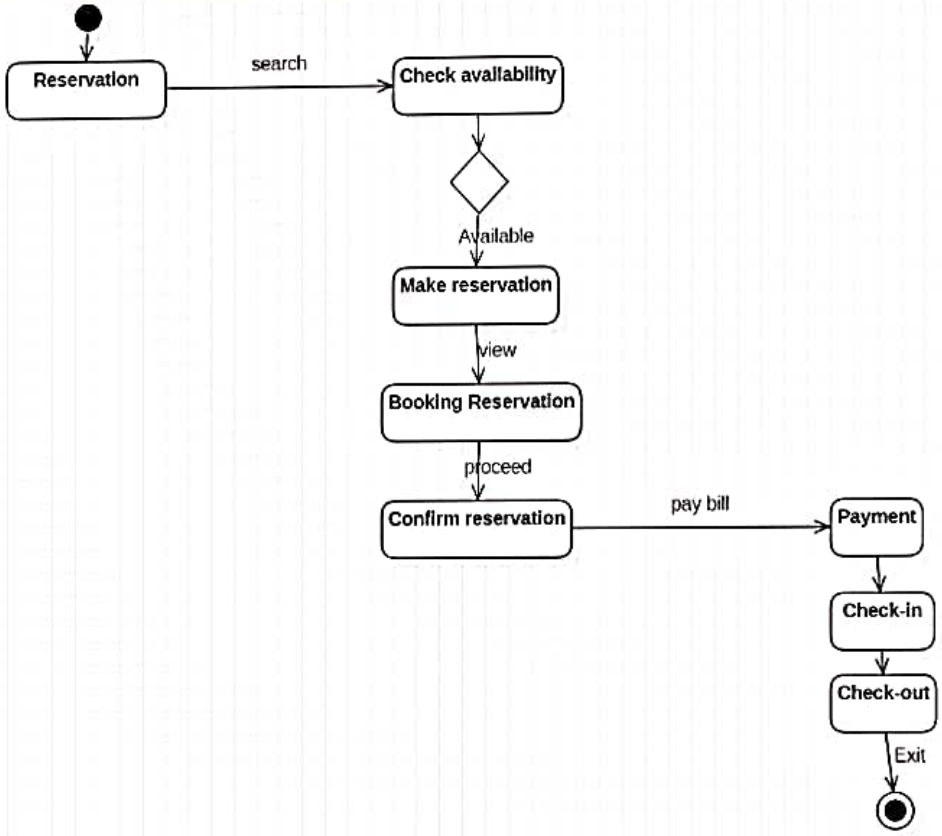

NAME
CLERK
LOCATION

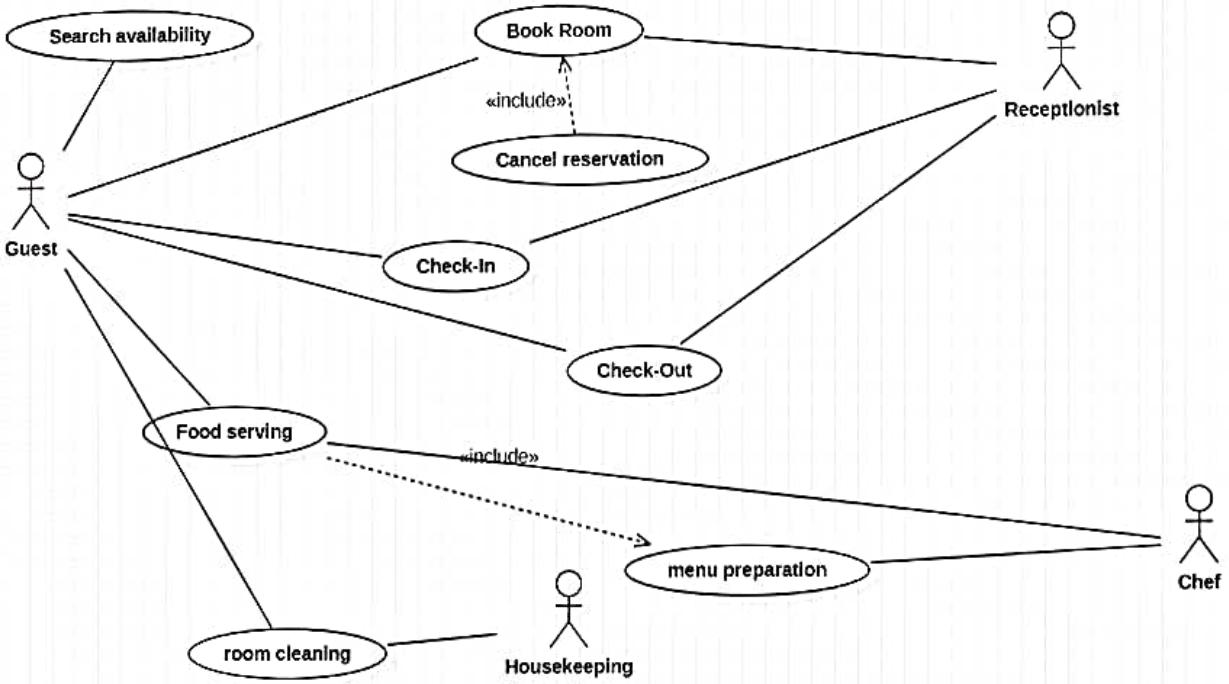

TRAIN NUMBER
TRAIN
TRAIN NAME
TRAIN LOCATION
TRAIN TIMING

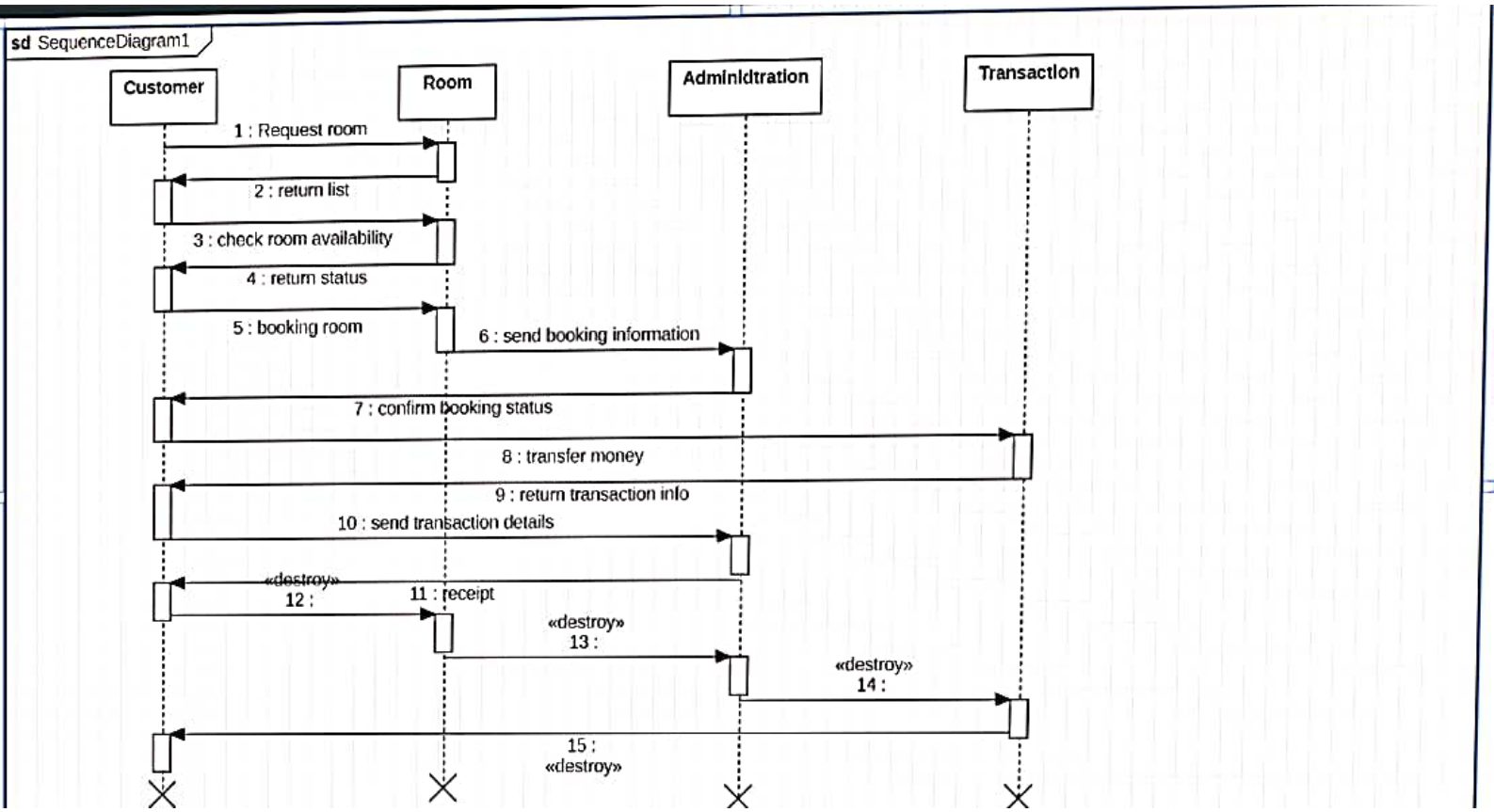

ATM
+CashDeposit
+Cash Withdrawal
+Transfer
+Attribute1
+Check balance()
+Pin change()
+Receipt()
+Block card()
BANK
+Bank_Name
+Branch
+IFSC_Code
+City
+Manager
+Attribute2
+TRANSACTION()
+FD()
+Loans()
Customer
+Name
+Account number
+Aadhar Number
+Pancard number
+Link aadhar()
+Link pancard()
+Request for ATM card()

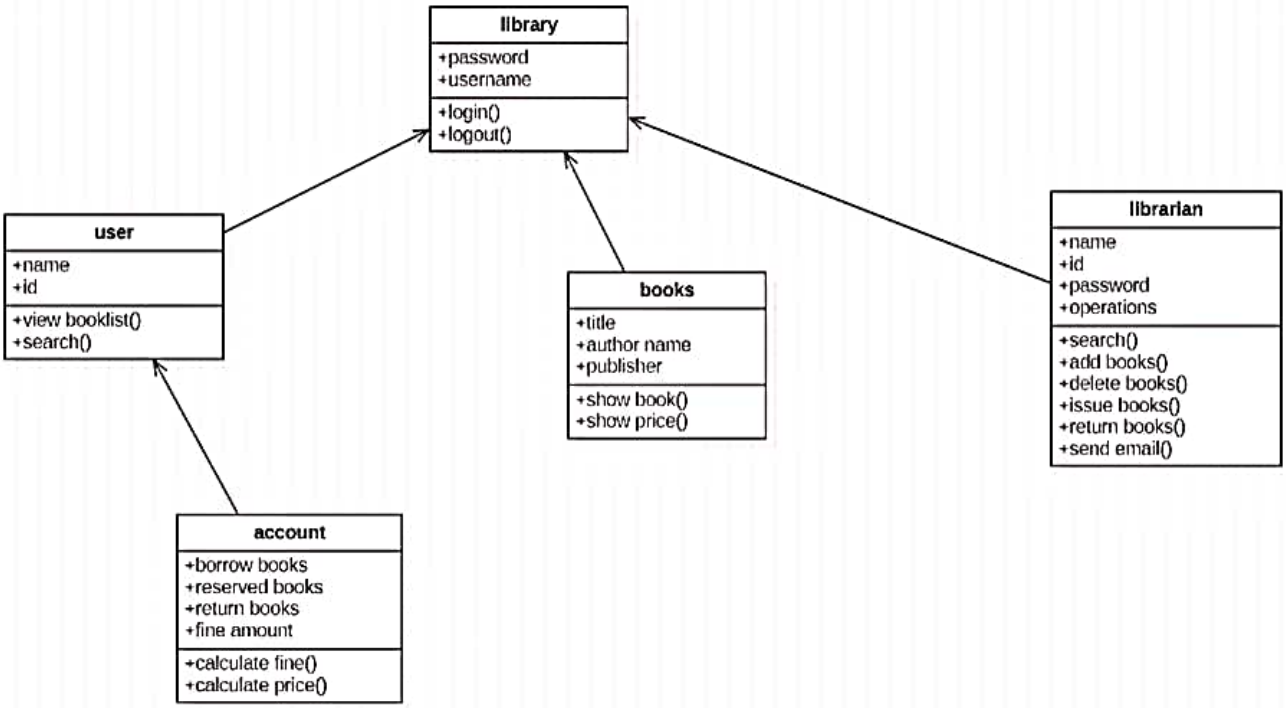
Invalid connection (UMLAssociation)

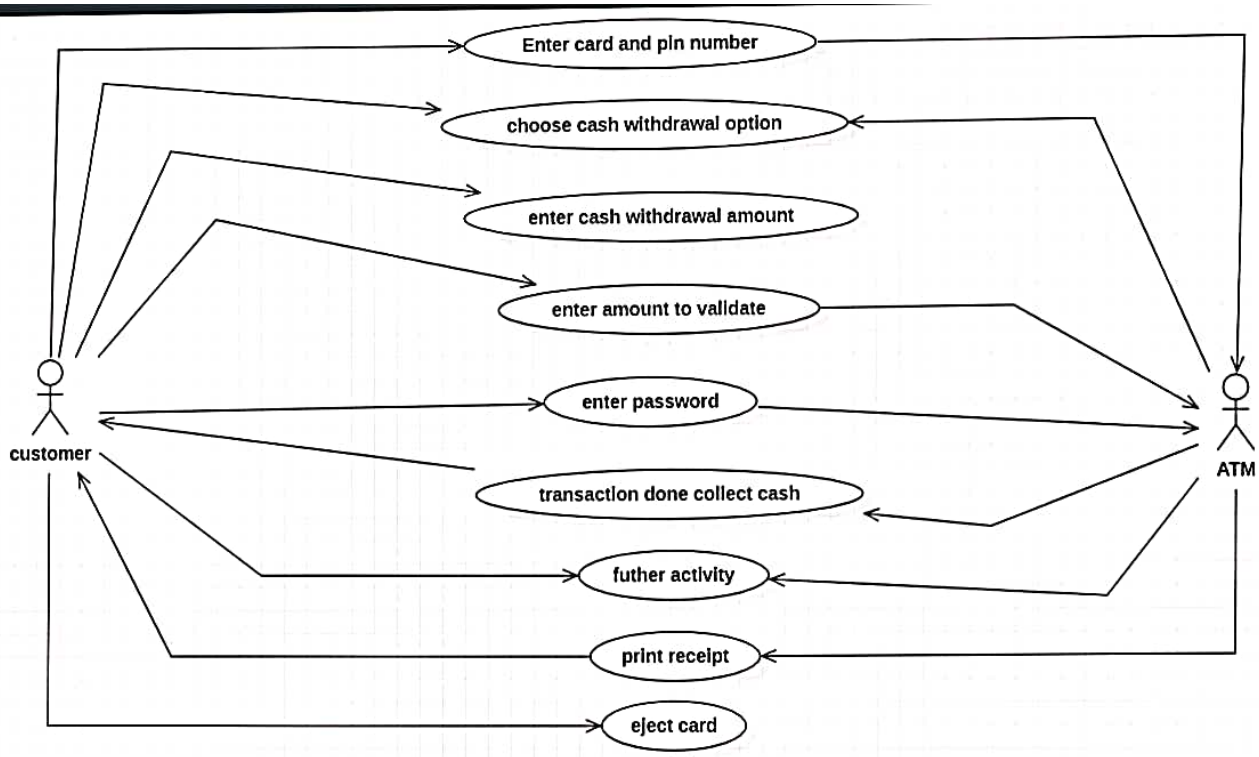


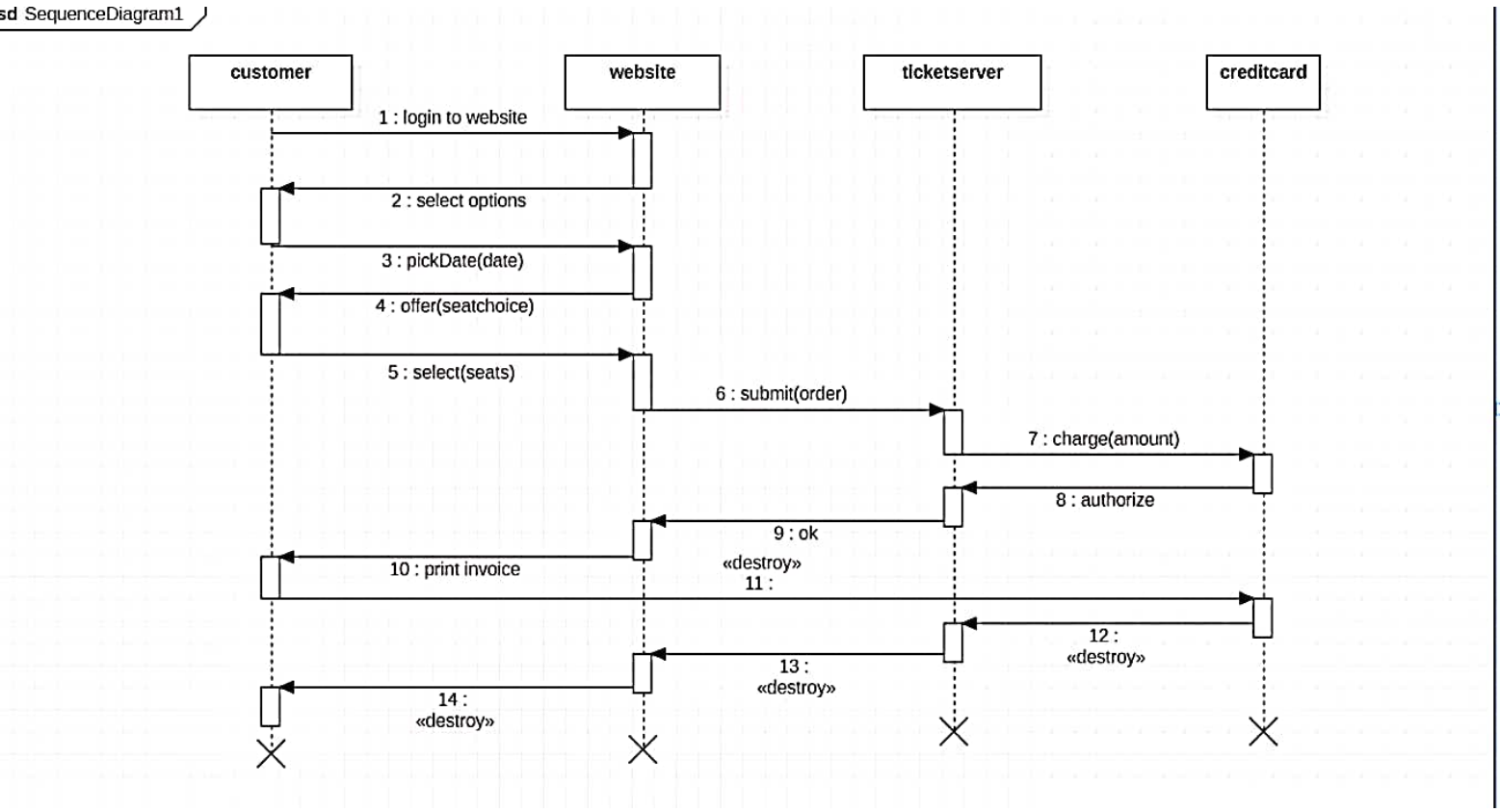

Reservation
search
Check availability
Available
Make reservation
view
Booking Reservation
proceed
Confirm reservation
pay bill
Payment
Check-in
Check-out
Exit

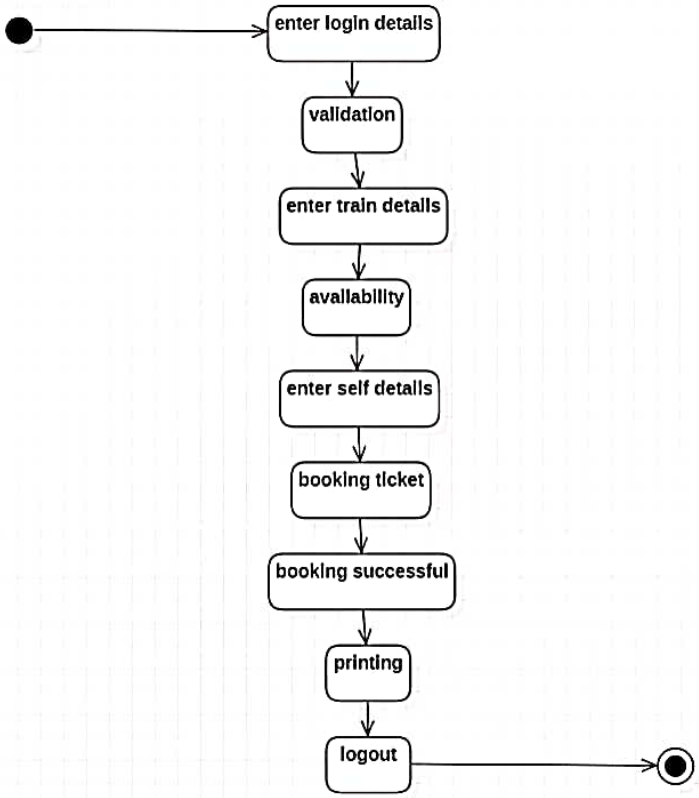

Search availability
Book Room
«include»
Cancel reservation
Receptionist
Guest
Check-In
Check-Out
Food serving
«include»
menu preparation
Chef
room cleaning
Housekeeping

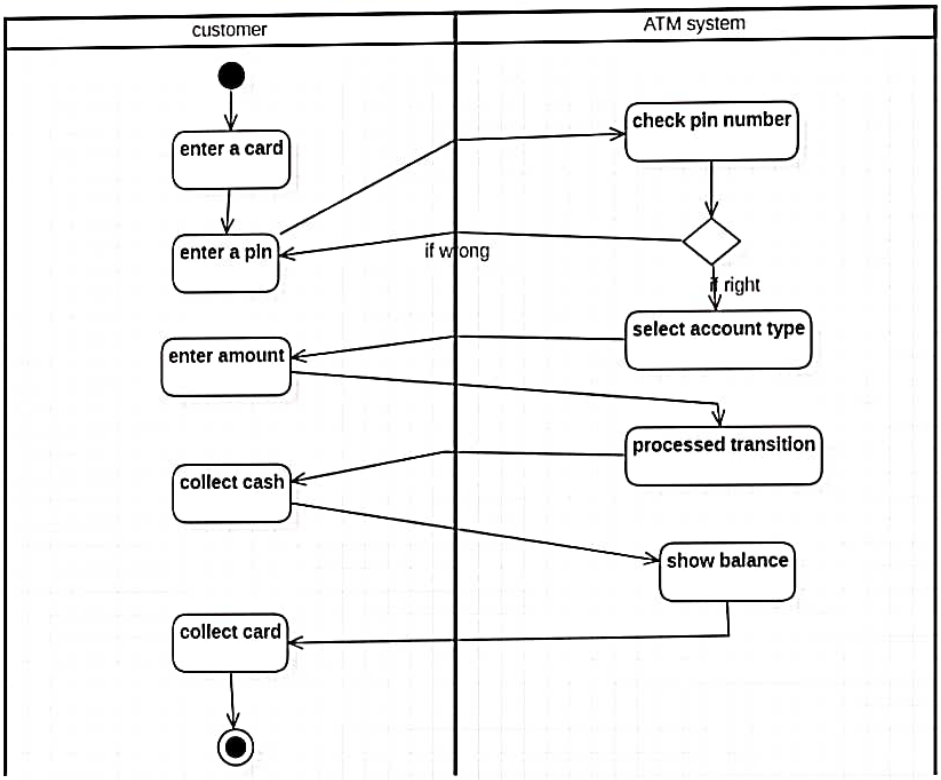

sd SequenceDiagram1
Customer
Room
Administration
Transaction
1 : Request room
2 : return list
3 : check room availability
4 : return status
5 : booking room
6 : send booking information
7 : confirm booking status
8 : transfer money
9 : return transaction info
10 : send transaction details
«destroy»
12 :
11 : receipt
«destroy»
13 :
«destroy»
14 :
15 :
«destroy»

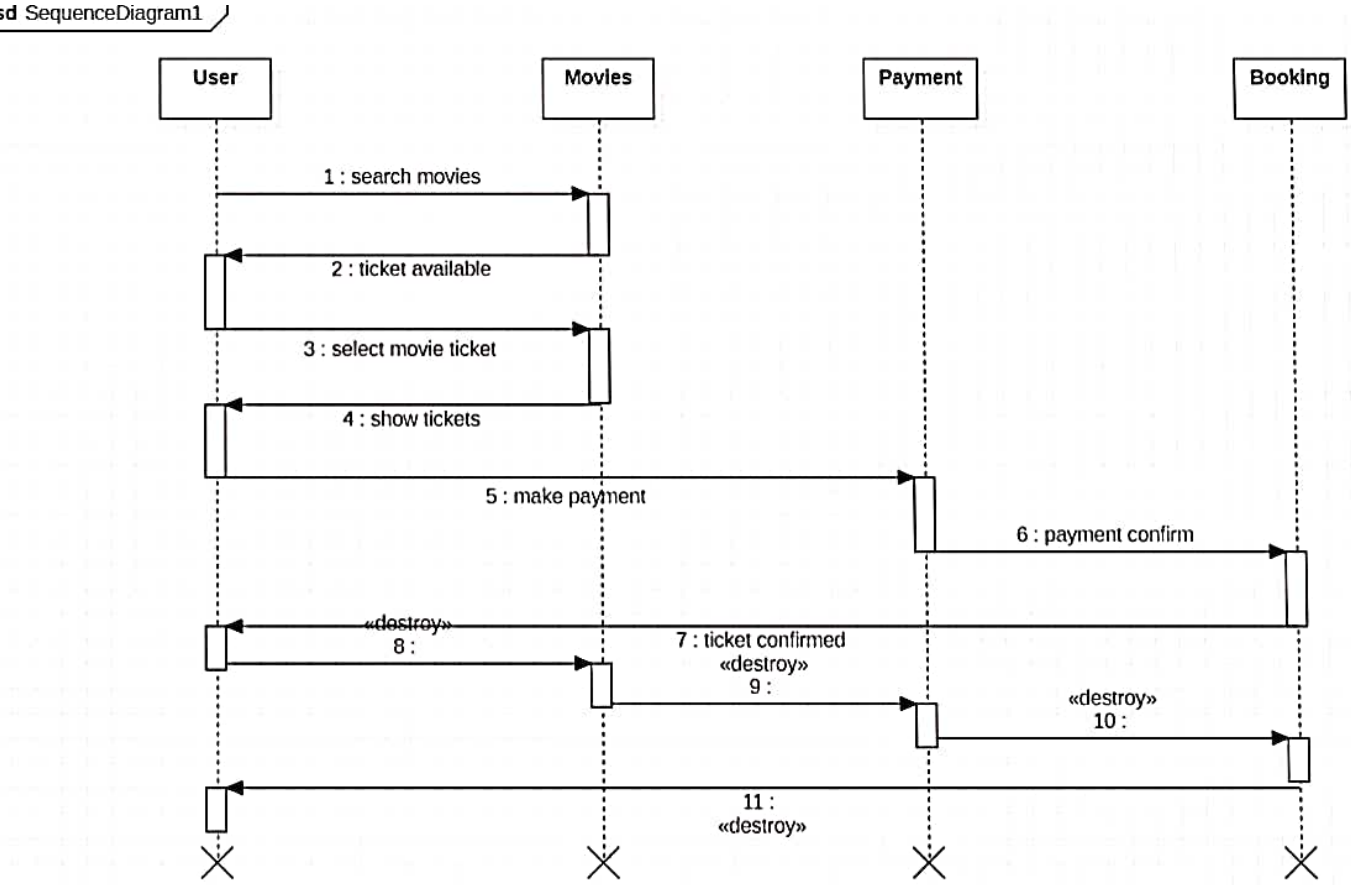

library
+password
+username
+login()
+logout()
user
+name
+id
+view booklist()
+search()
books
+title
+author name
+publisher
+show book()
+show price()
librarian
+name
+id
+password
+operations
+search()
+add books()
+delete books()
+issue books()
+return books()
+send email()
account
+borrow books
+reserved books
+return books
+fine amount
+calculate fine()
+calculate price()

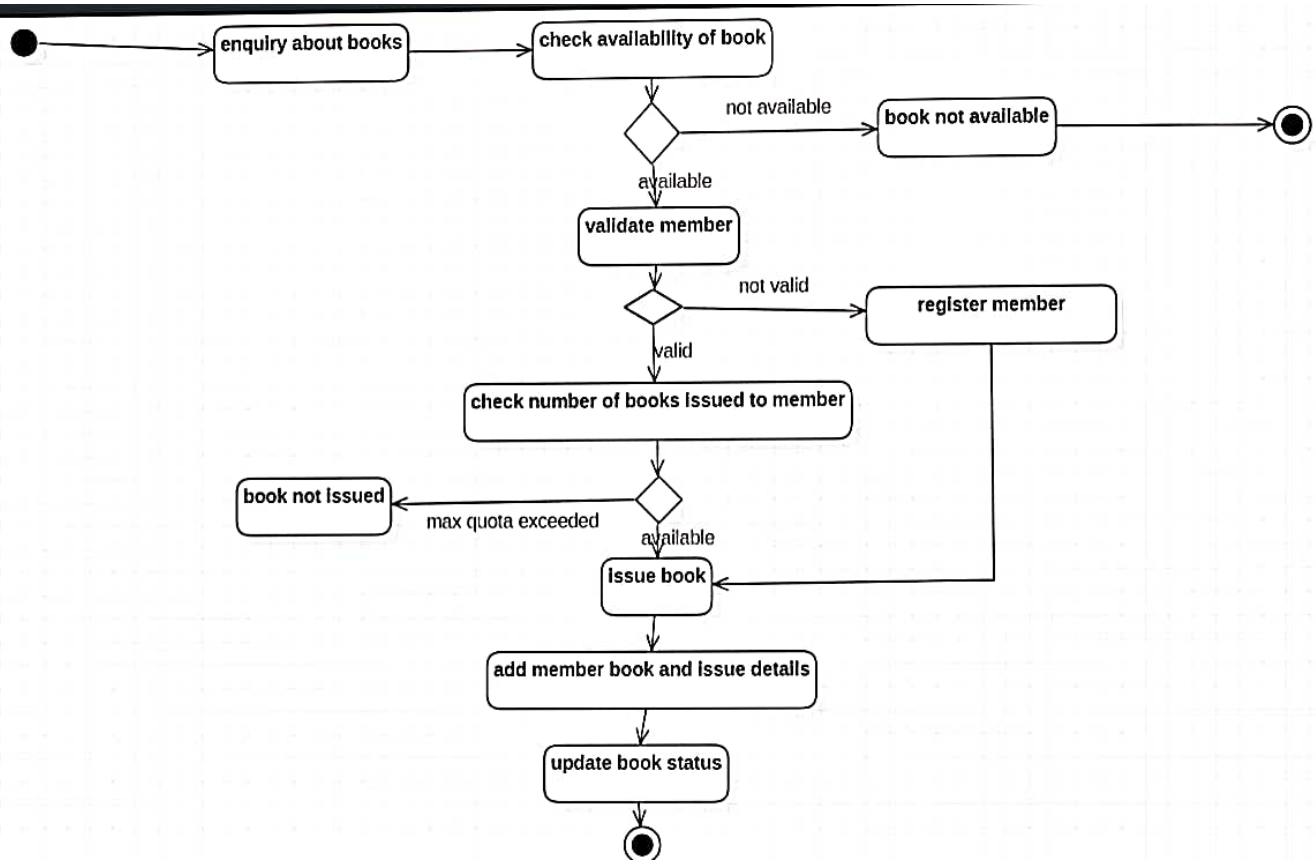

Enter card and pin number
choose cash withdrawal option
enter cash withdrawal amount
enter amount to validate
enter password
transaction done collect cash
futher activity
print receipt
eject card
customer
ATM

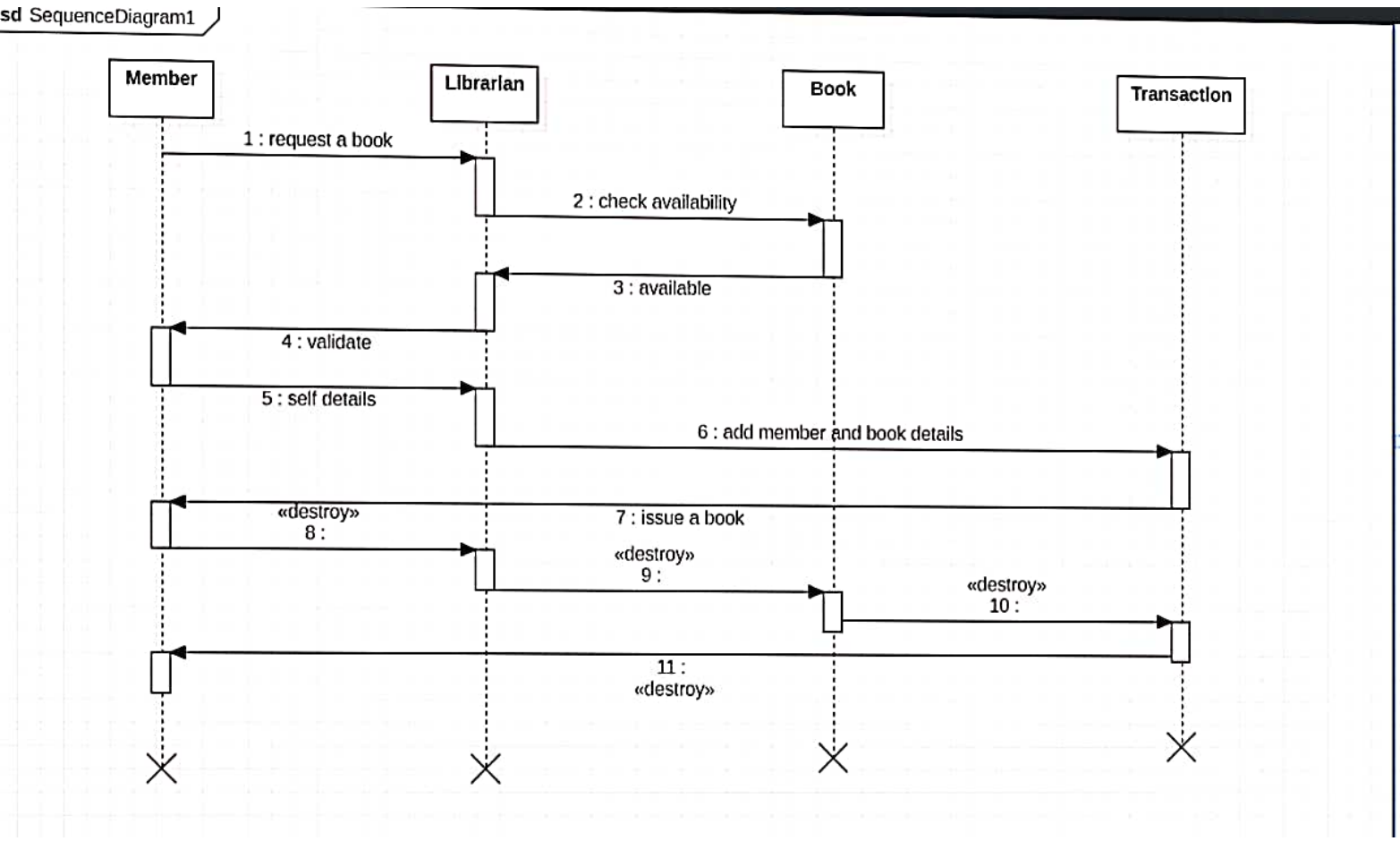

sd SequenceDiagram1
customer
website
ticketserver
creditcard
1 : login to website
2 : select options
3 : pickDate(date)
4 : offer(seatchoice)
5 : select(seats)
6 : submit(order)
7 : charge(amount)
8 : authorize
9 : ok
10 : print invoice
«destroy»
11 :
12 :
«destroy»
13 :
«destroy»
14 :
«destroy»

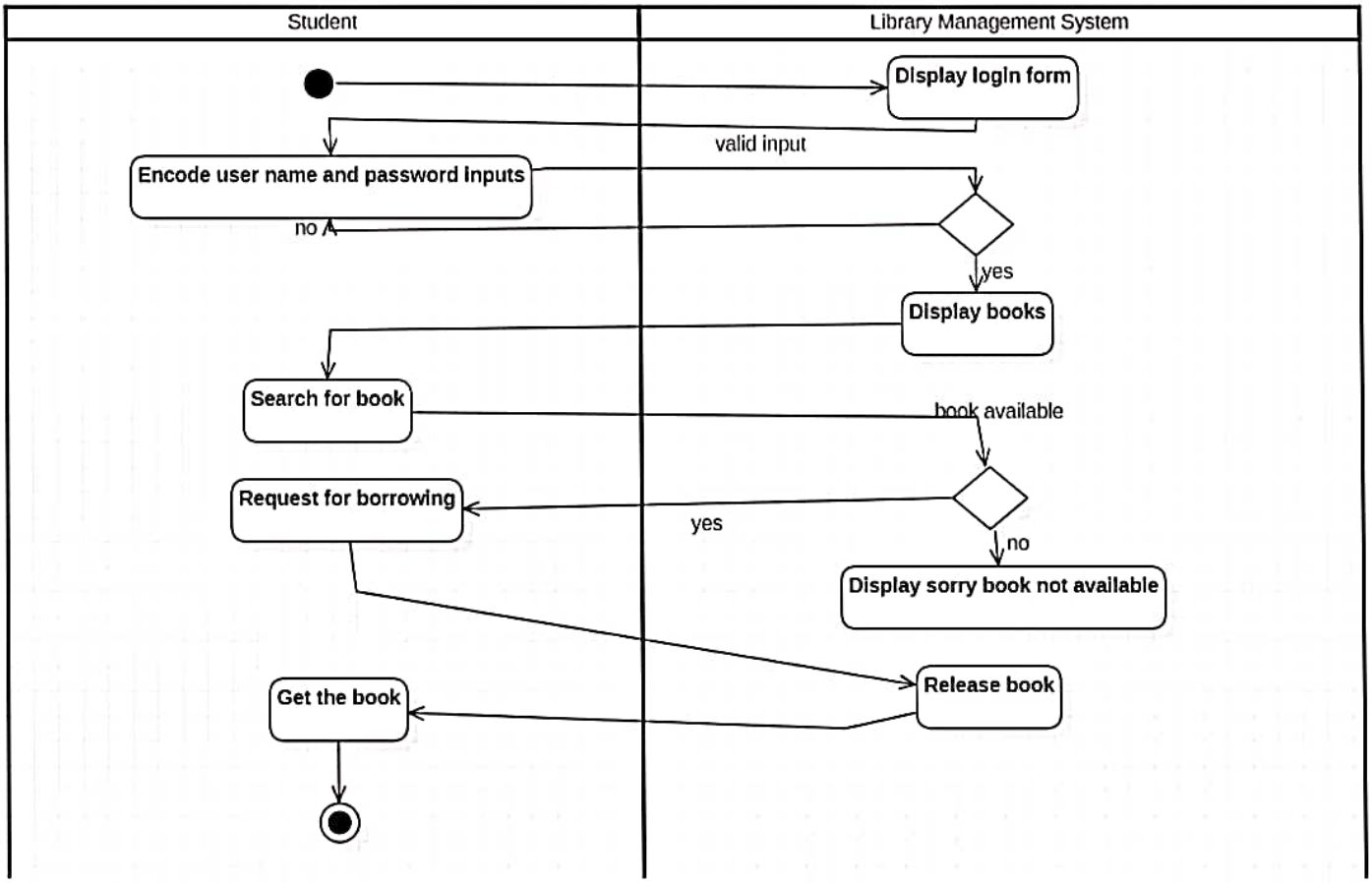

enter login details
validation
enter train details
availability
enter self details
booking ticket
booking successful
printing
logout


customer
ATM system
enter a card
check pin number
enter a pin
if wrong
if right
select account type
enter amount
processed transition
collect cash
show balance
collect card


sd SequenceDiagram1
User
Movies
Payment
Booking
1 : search movies
2 : ticket available
3 : select movie ticket
4 : show tickets
5 : make payment
6 : payment confirm
«destroy»
8 :
7 : ticket confirmed
«destroy»
9 :
«destroy»
10 :
11 :
«destroy»


enquiry about books
check availability of book
not available
book not available
available
validate member
not valid
register member
valid
check number of books issued to member
book not issued
max quota exceeded
available
issue book
add member book and issue details
update book status


sd SequenceDiagram1
Member
Librarian
Book
Transaction
1 : request a book
2 : check availability
3 : available
4 : validate
5 : self details
6 : add member and book details
7 : issue a book
«destroy»
8 :
«destroy»
9 :
«destroy»
10 :
11 :
«destroy»


Student
Library Management System
Display login form
valid input
Encode user name and password inputs
no
yes
Display books
Search for book
book available
Request for borrowing
yes
no
Display sorry book not available
Release book
Get the book