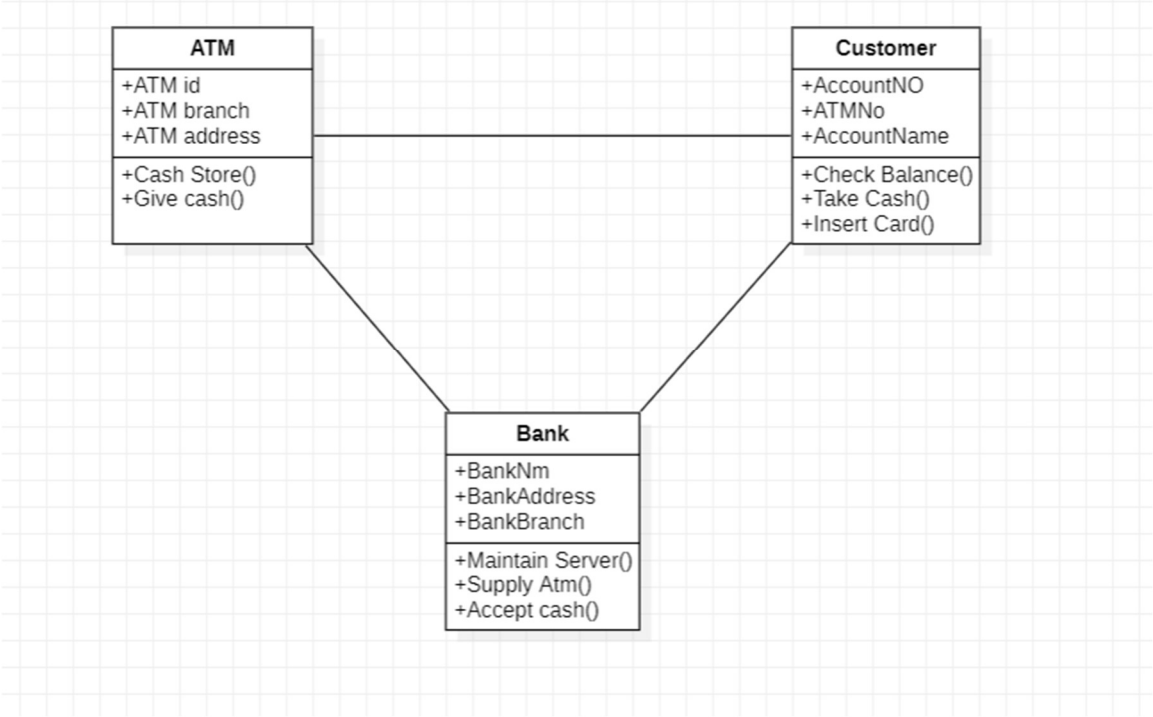
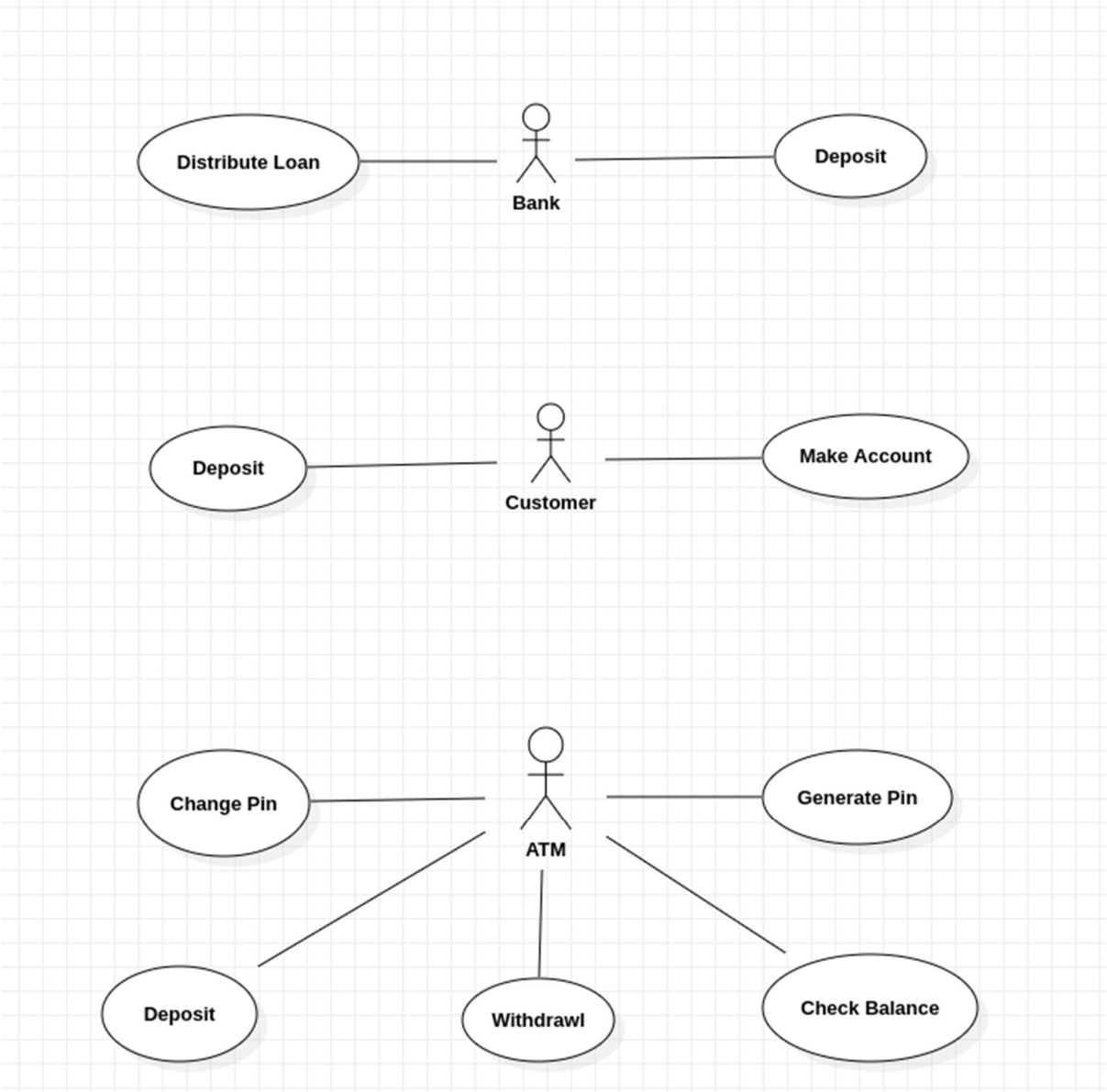
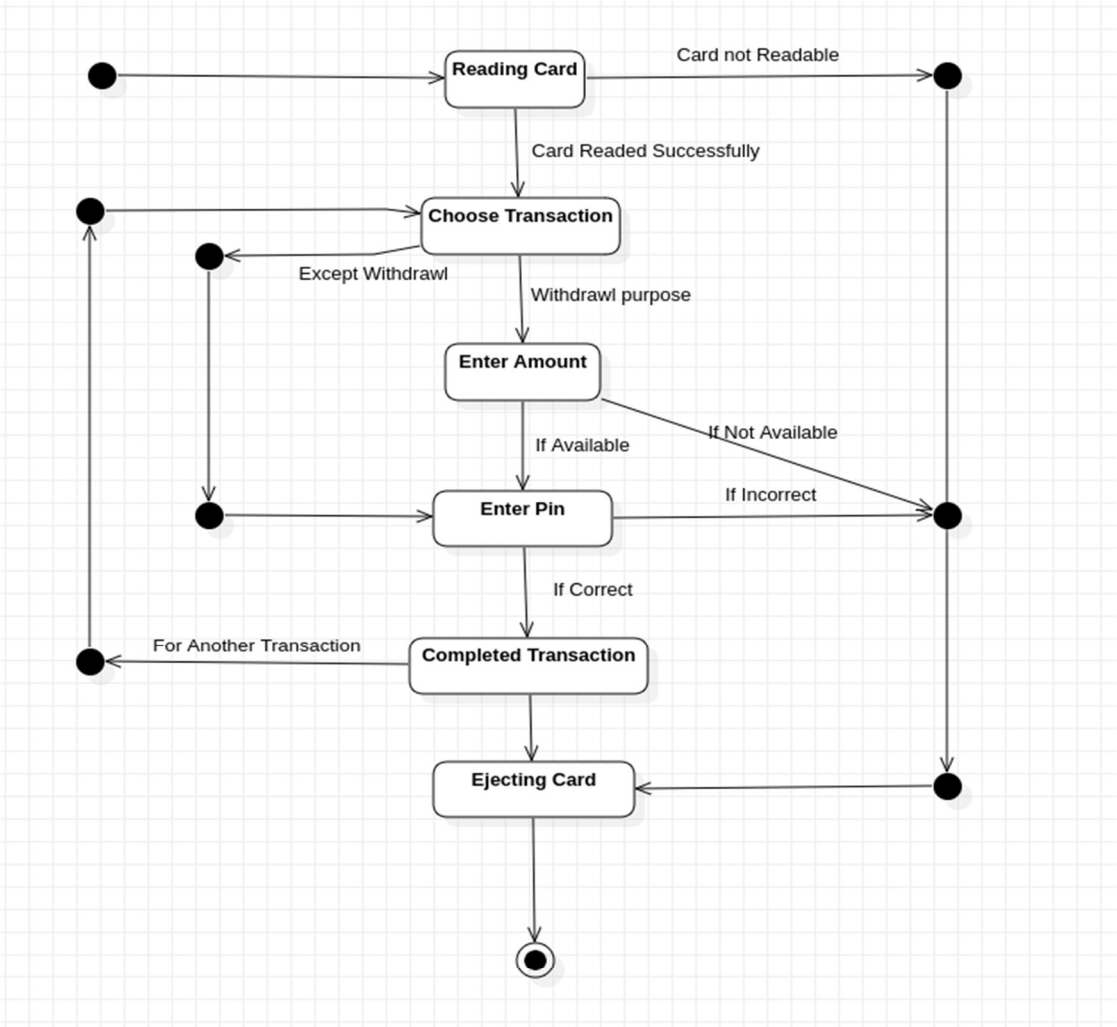
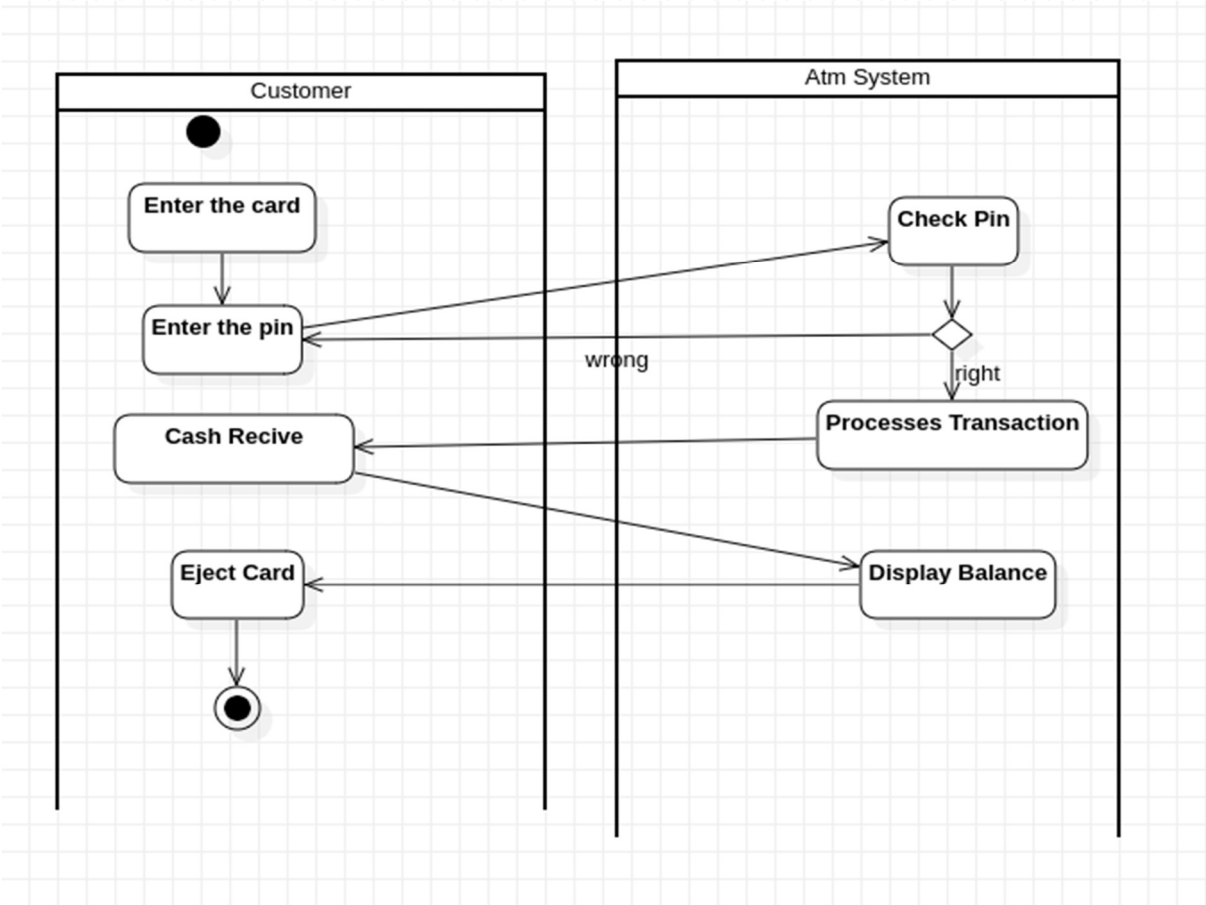
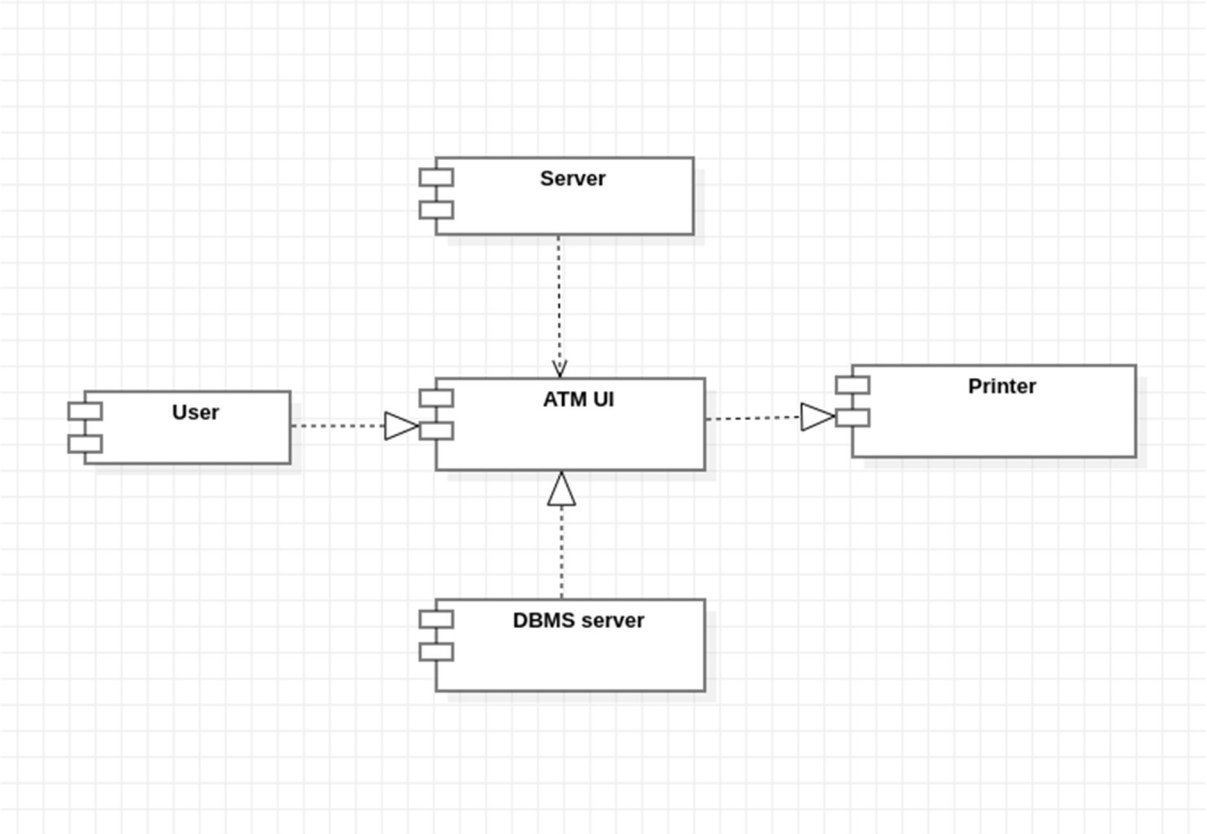
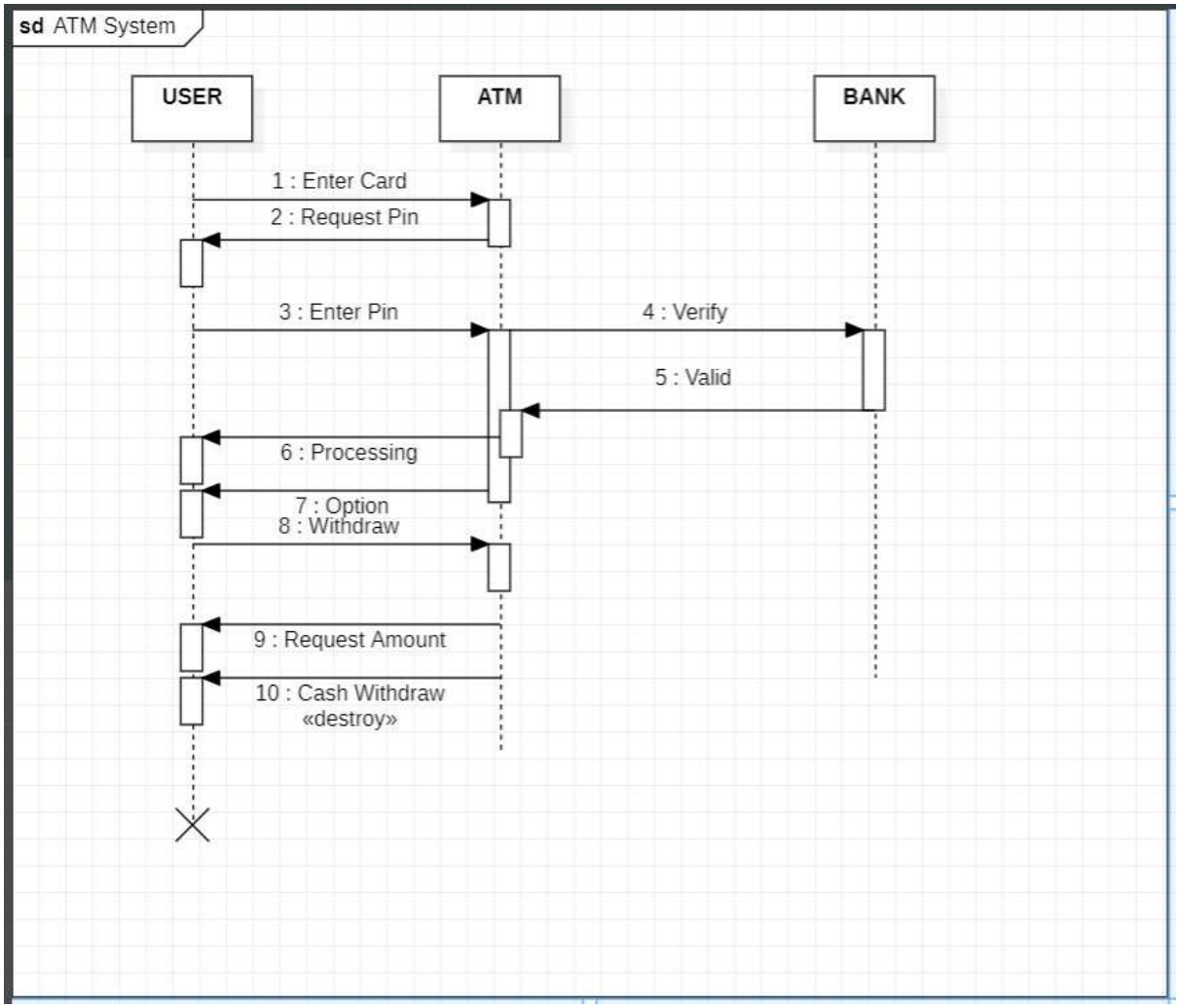

ATM
+ATM id
+ATM branch
+ATM address
+Cash Store()
+Give cash()
Customer
+AccountNO
+ATMNo
+AccountName
+Check Balance()
+Take Cash()
+Insert Card()
Bank
+BankNm
+BankAddress
+BankBranch
+Maintain Server()
+Supply Atm()
+Accept cash()

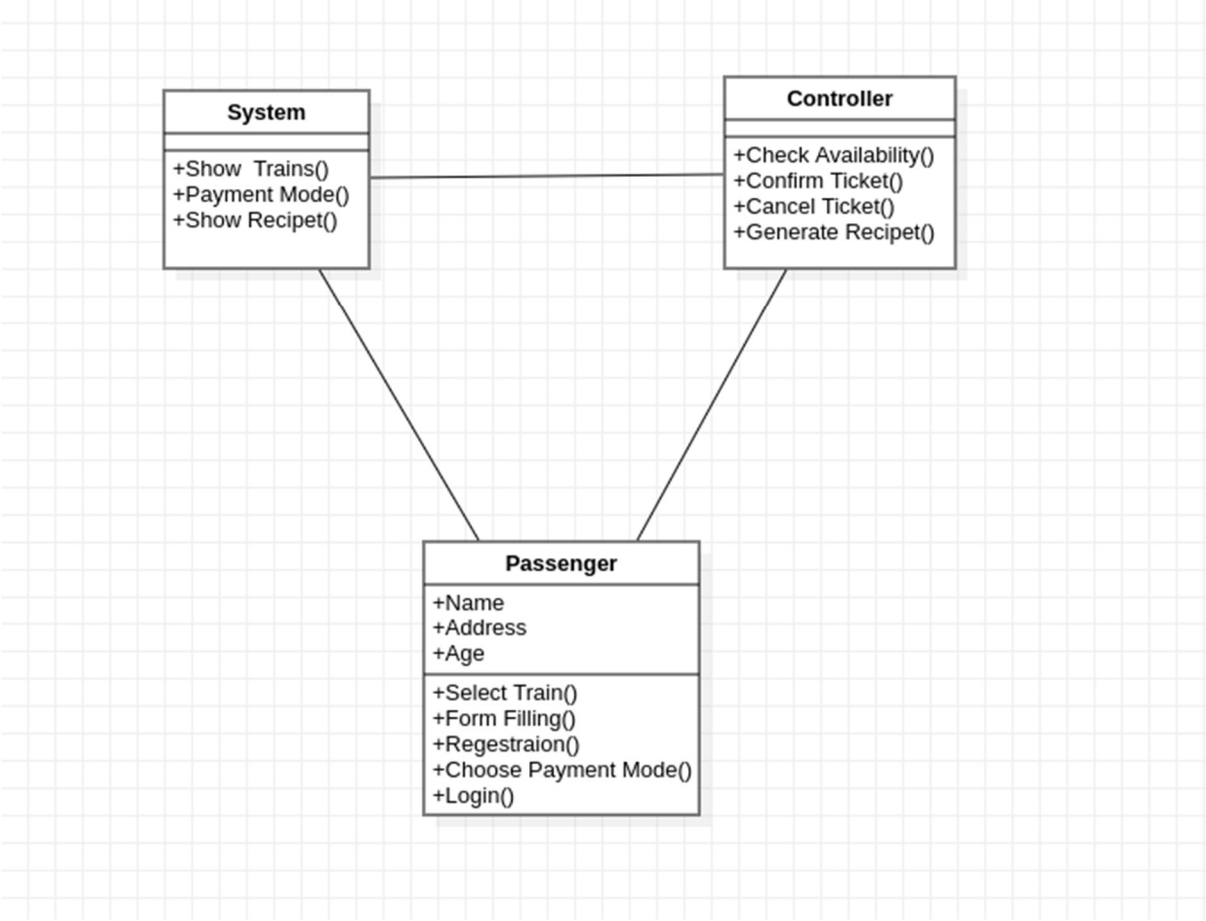

Distribute Loan
Bank
Deposit
Deposit
Customer
Make Account
Change Pin
ATM
Generate Pin
Deposit
Withdrawl
Check Balance

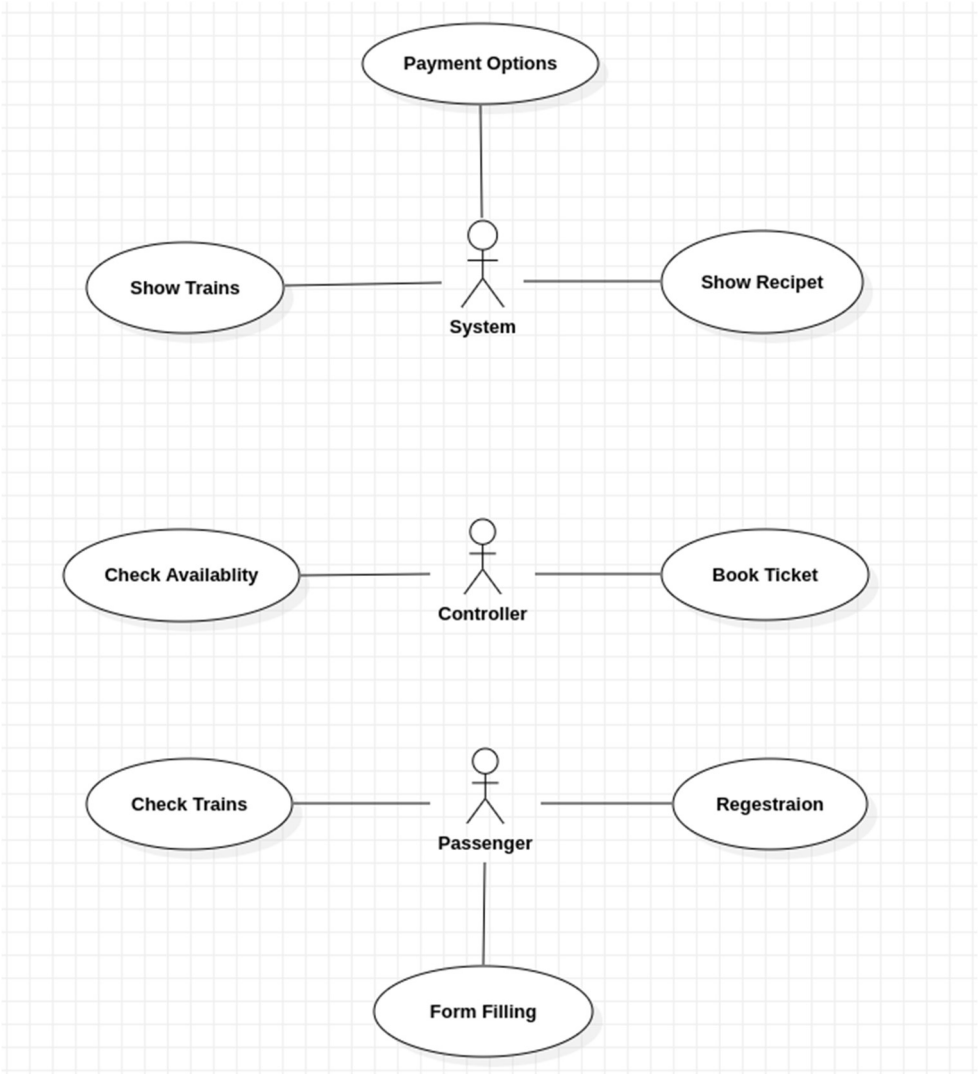

Reading Card
Card not Readable
Card Readed Successfully
Choose Transaction
Except Withdrawl
Withdrawl purpose
Enter Amount
If Not Available
If Available
Enter Pin
If Incorrect
If Correct
For Another Transaction
Completed Transaction
Ejecting Card

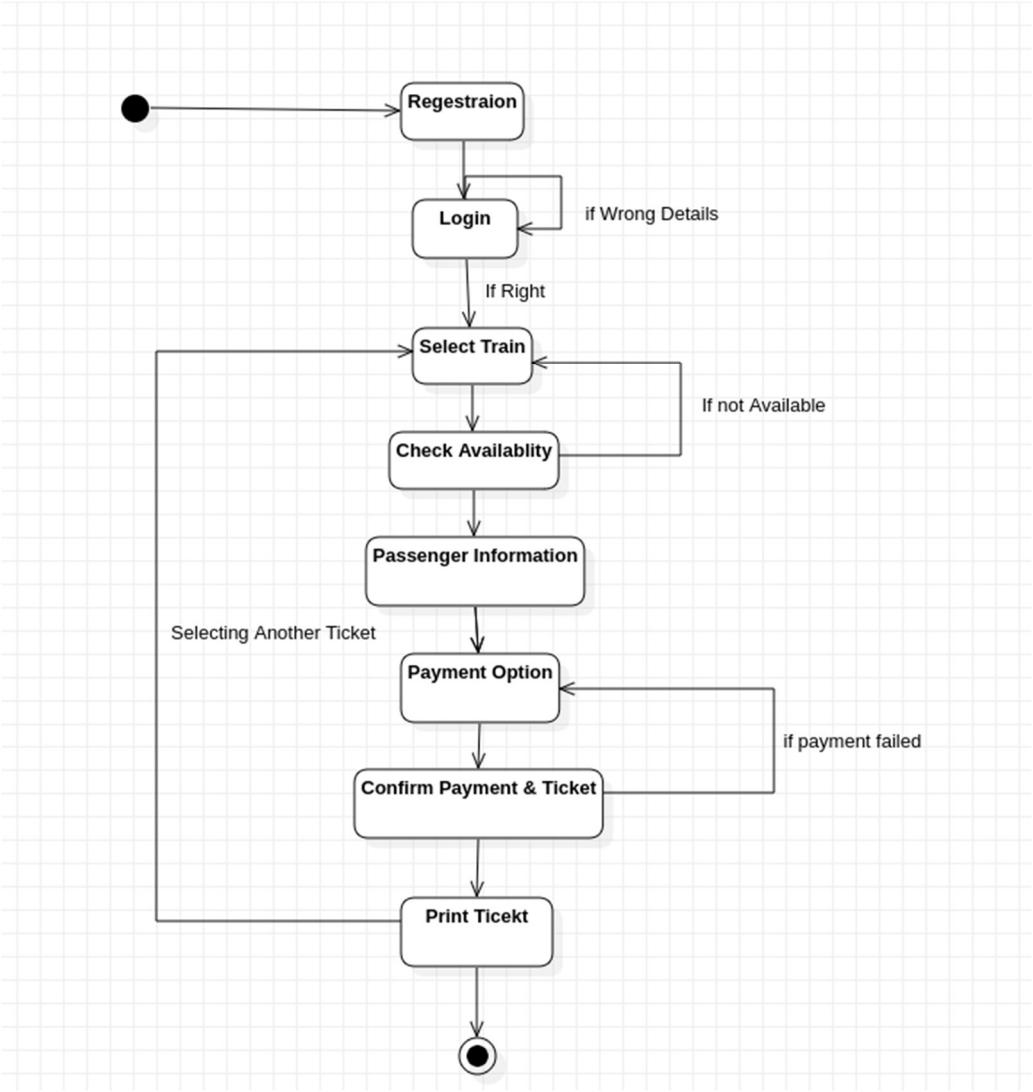

Customer
Atm System
Enter the card
Check Pin
Enter the pin
wrong
right
Processes Transaction
Cash Recive
Eject Card
Display Balance

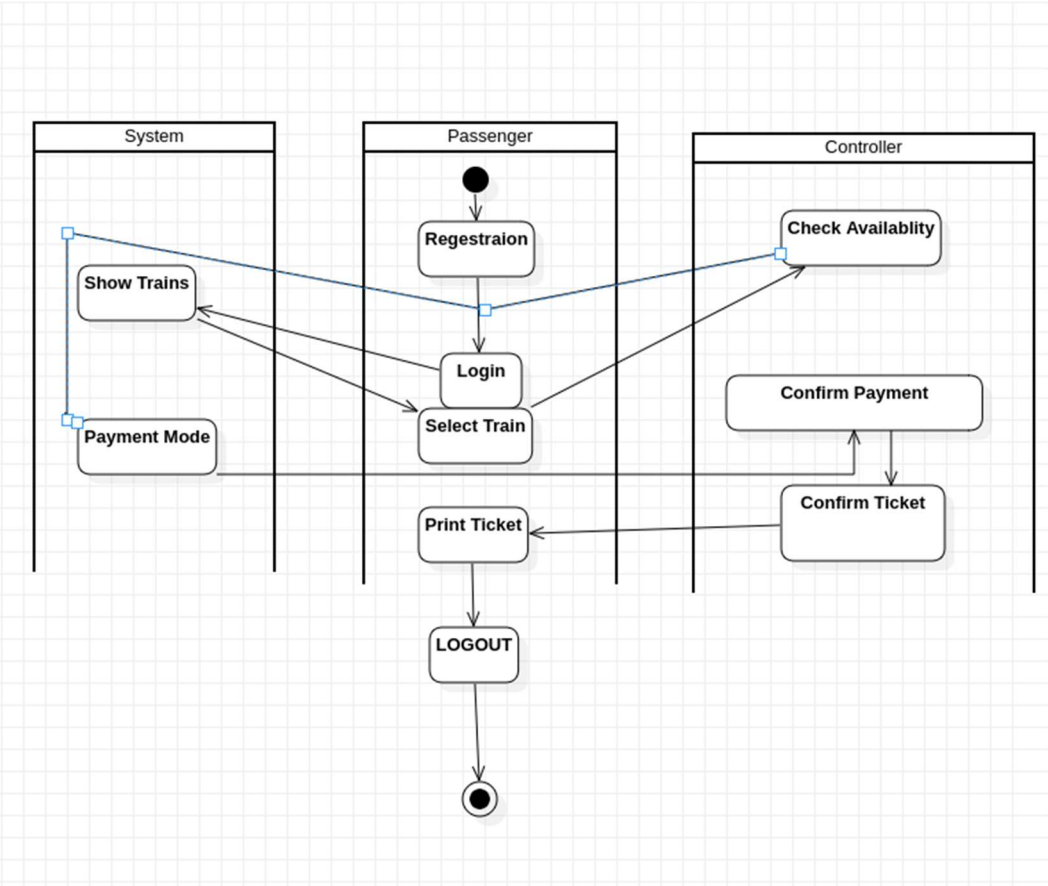

Server
User
ATM UI
Printer
DBMS server

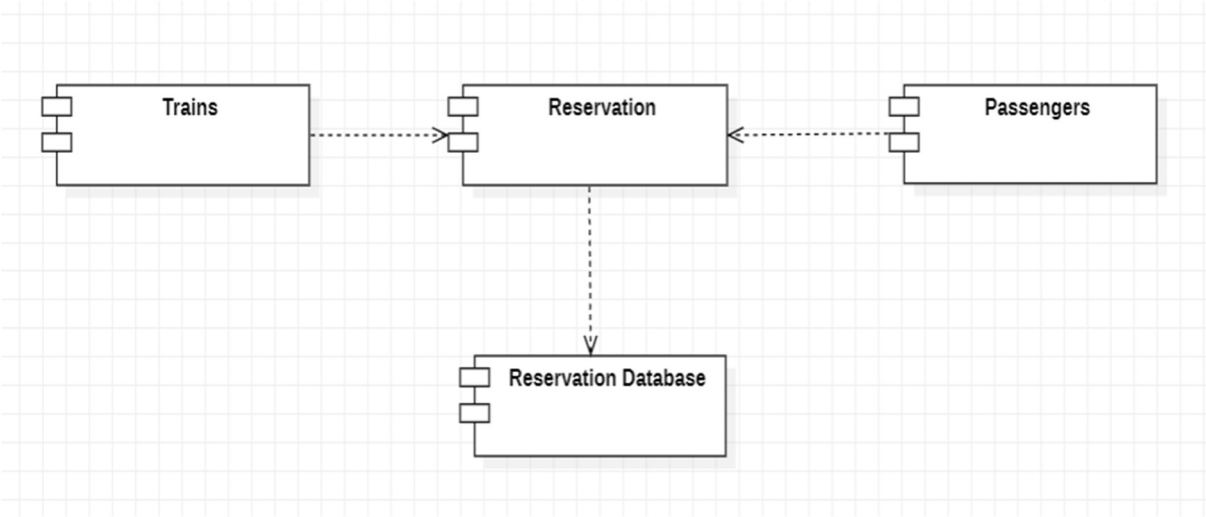

sd ATM System
USER
ATM
BANK
1 : Enter Card
2 : Request Pin
3 : Enter Pin
4 : Verify
5 : Valid
6 : Processing
7 : Option
8 : Withdraw
9 : Request Amount
10 : Cash Withdraw
«destroy»

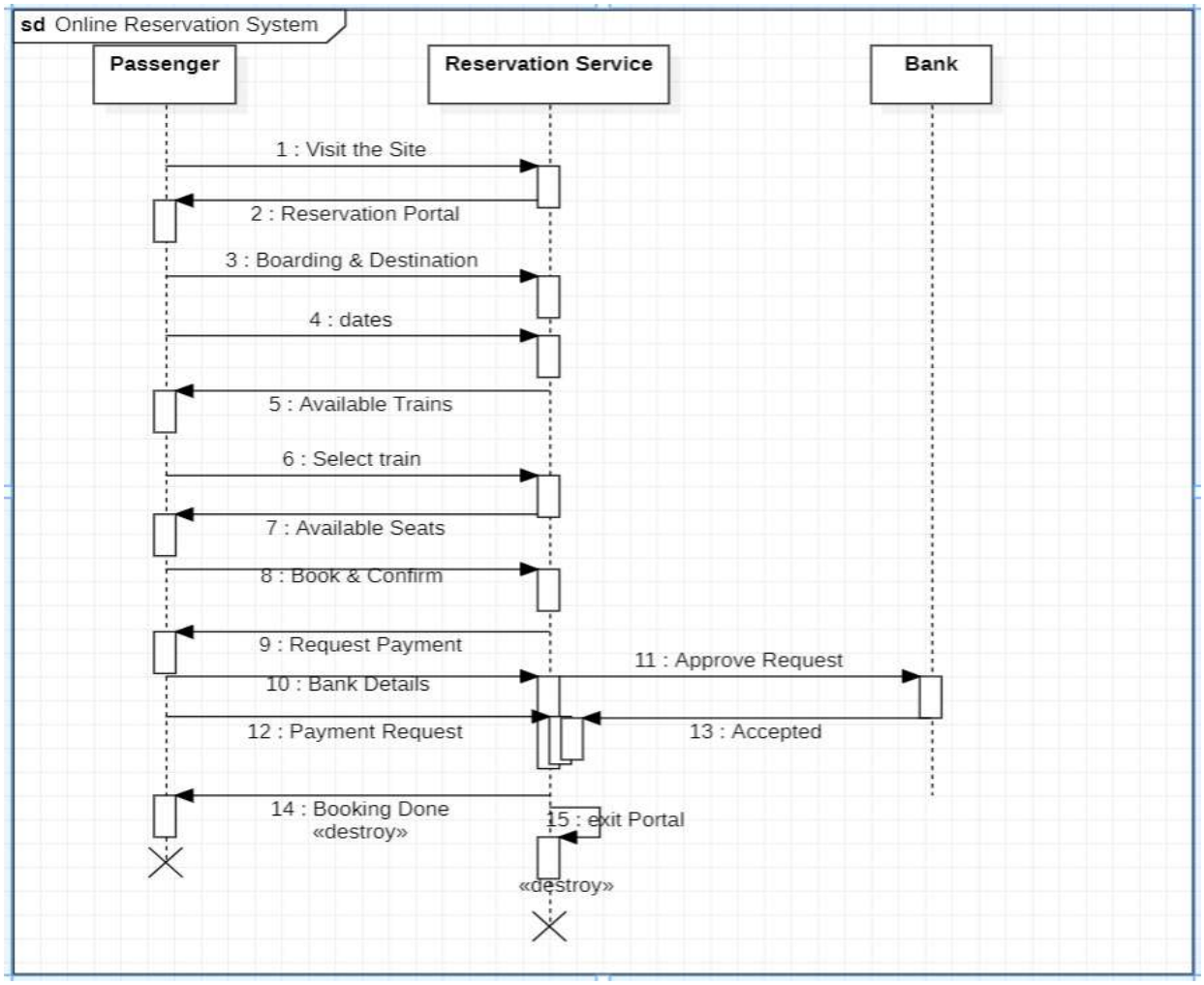

System
+Show Trains()
+Payment Mode()
+Show Recipet()
Controller
+Check Availability()
+Confirm Ticket()
+Cancel Ticket()
+Generate Recipet()
Passenger
+Name
+Address
+Age
+Select Train()
+Form Filling()
+Regestraion()
+Choose Payment Mode()
+Login()

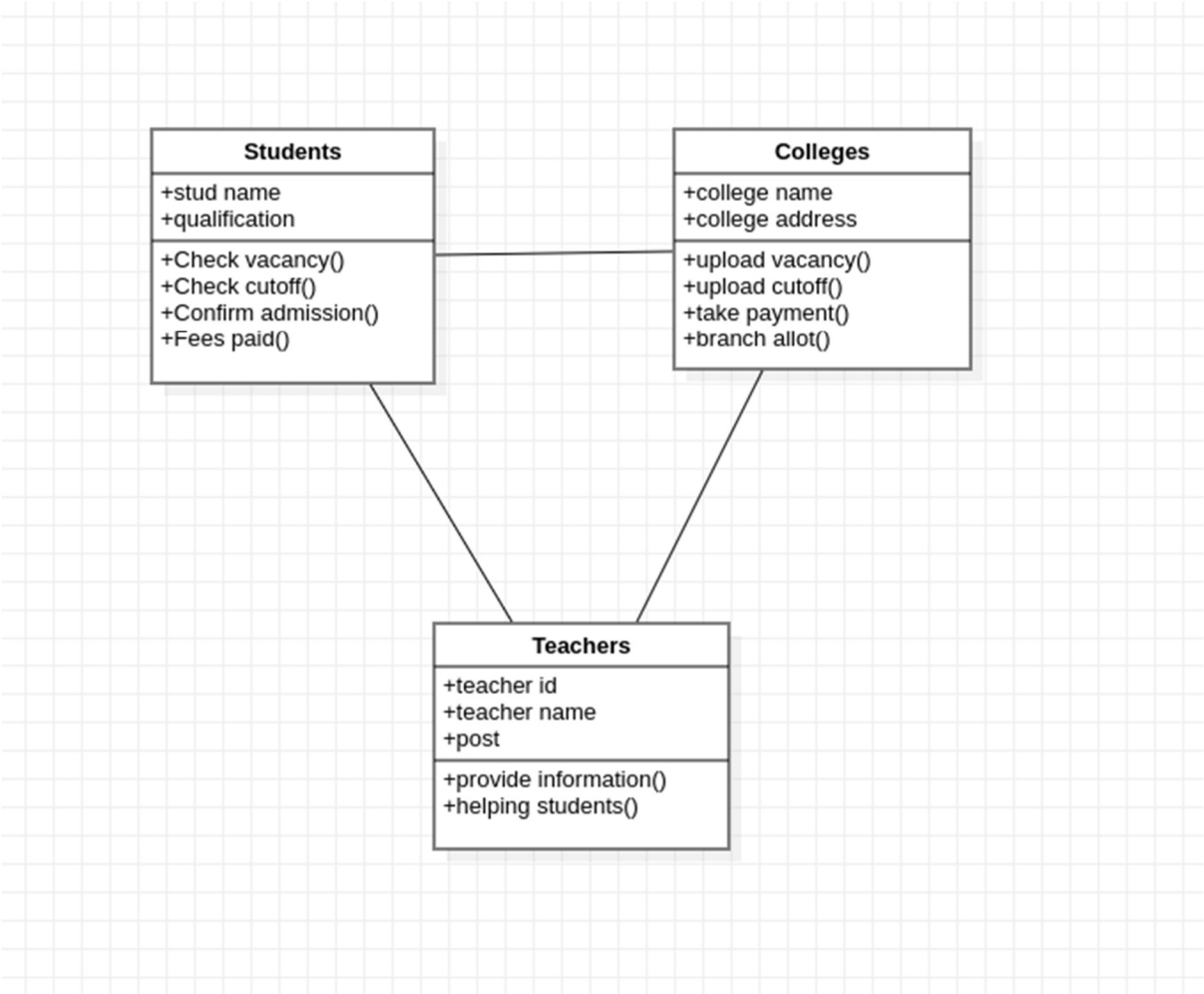

Payment Options
Show Trains
System
Show Recipet
Check Availablity
Controller
Book Ticket
Check Trains
Passenger
Regestraion
Form Filling

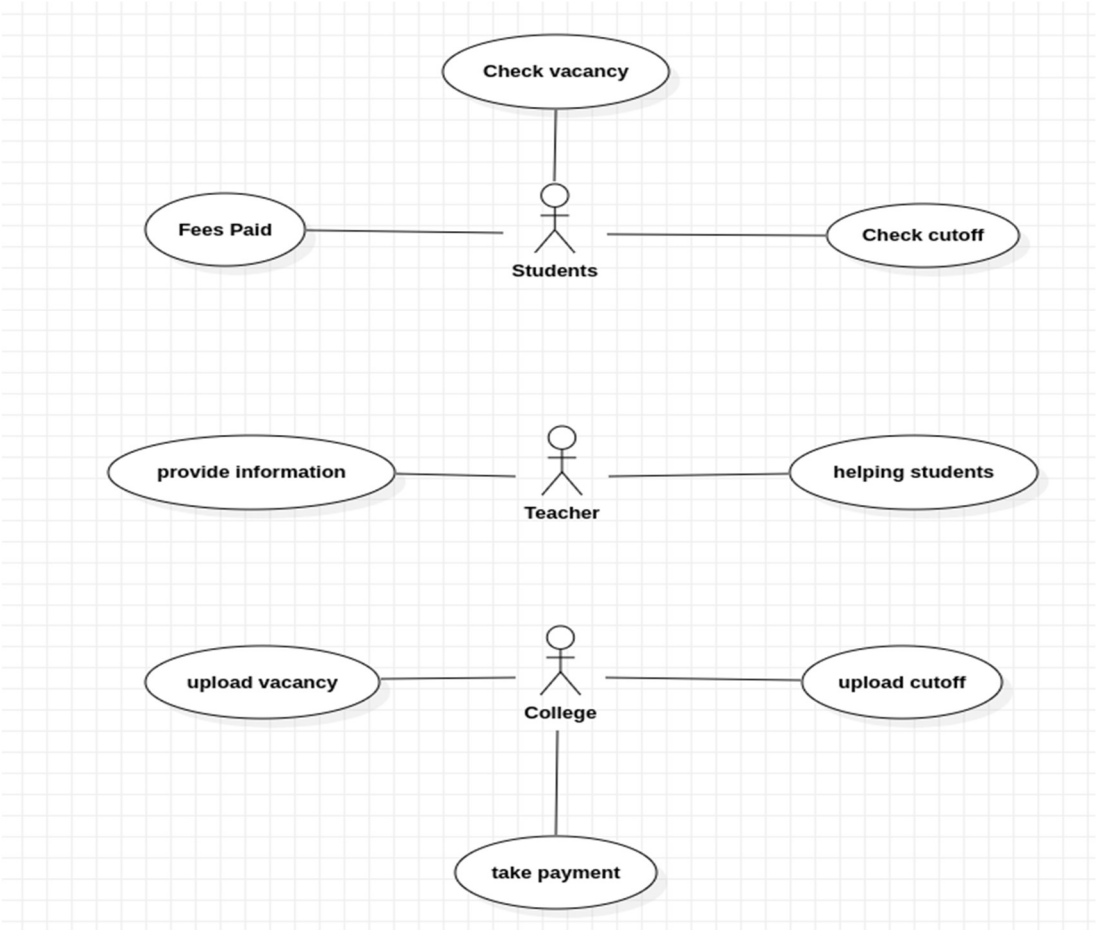

Regestraion
Login
if Wrong Details
If Right
Select Train
If not Available
Check Availablity
Passenger Information
Selecting Another Ticket
Payment Option
if payment failed
Confirm Payment & Ticket
Print Ticekt

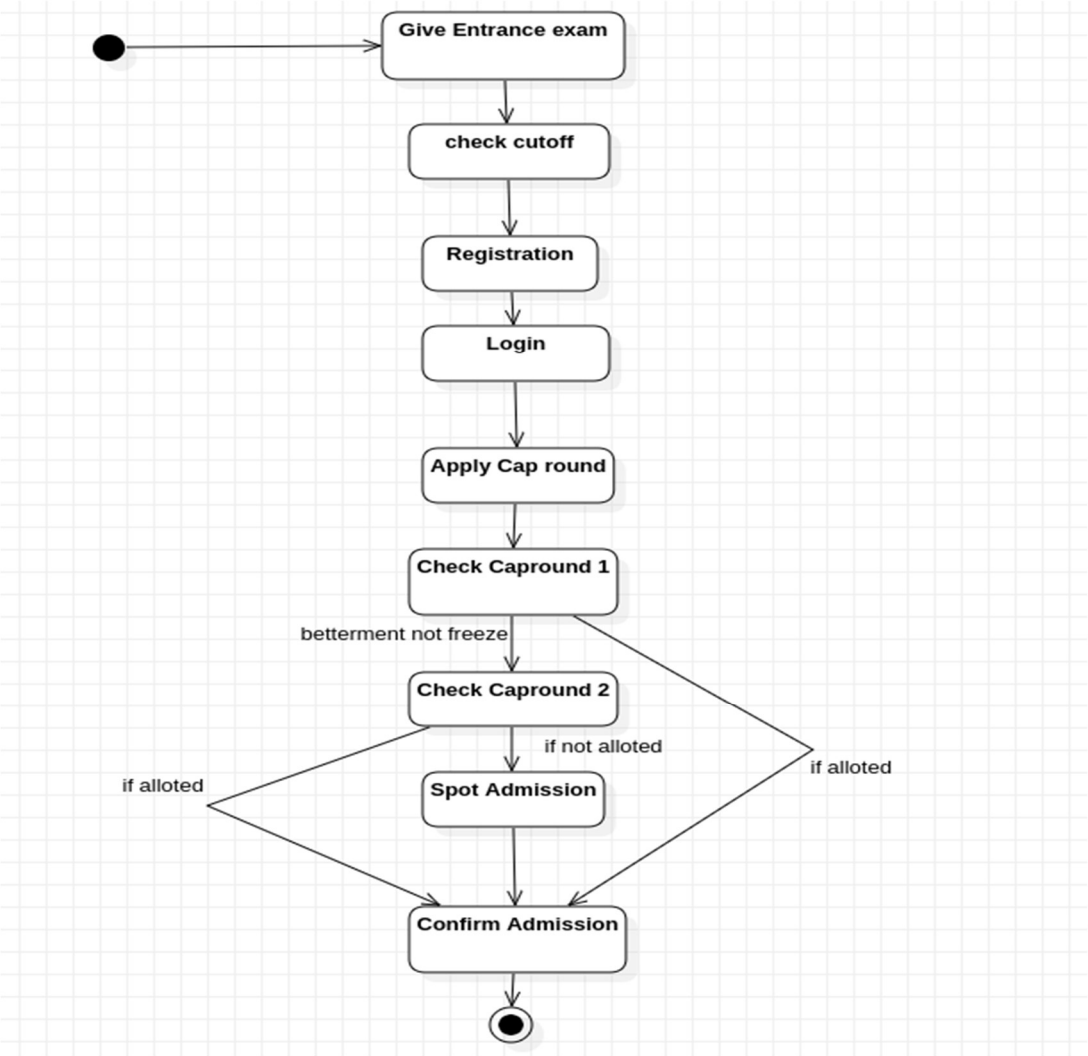

System
Passenger
Controller
Regestraion
Check Availablity
Show Trains
Login
Confirm Payment
Payment Mode
Select Train
Confirm Ticket
Print Ticket
LOGOUT

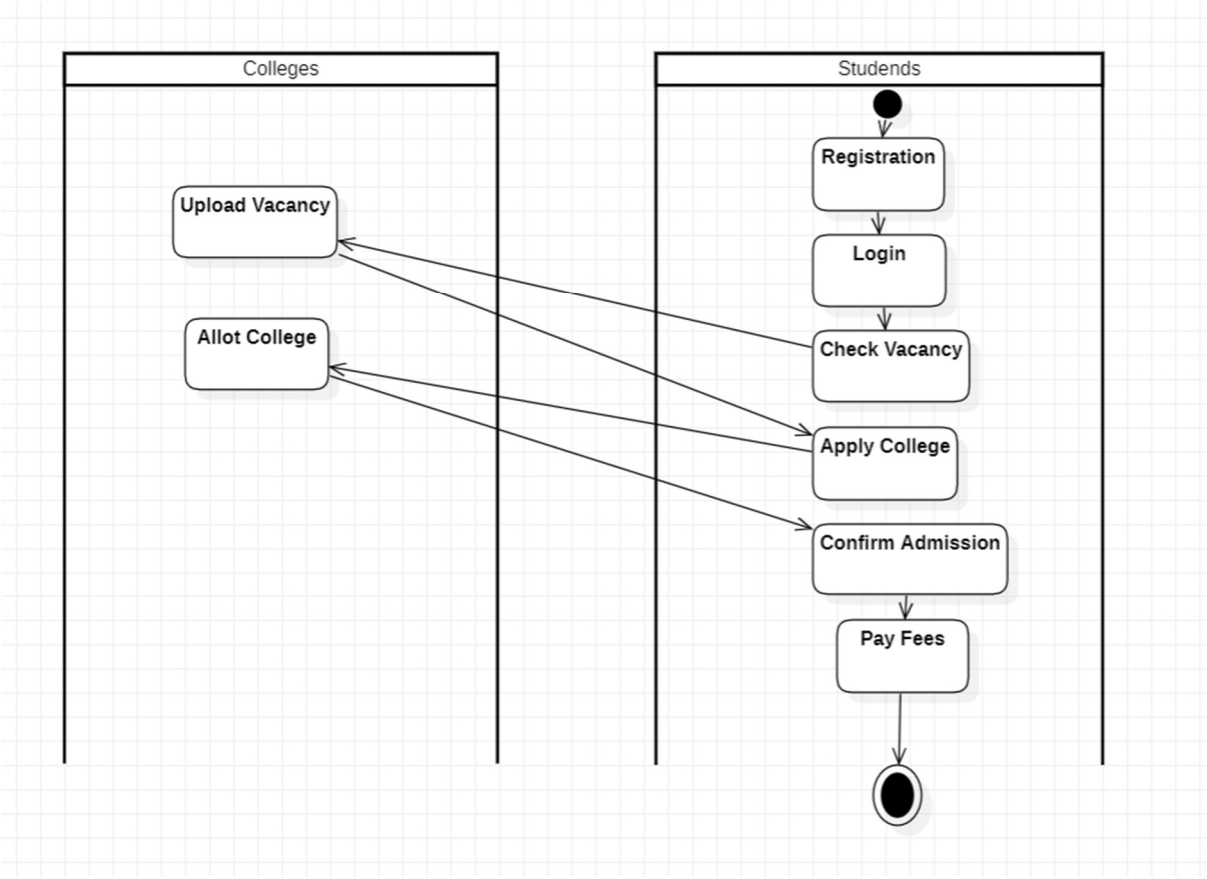

Trains
Reservation
Passengers
Reservation Database

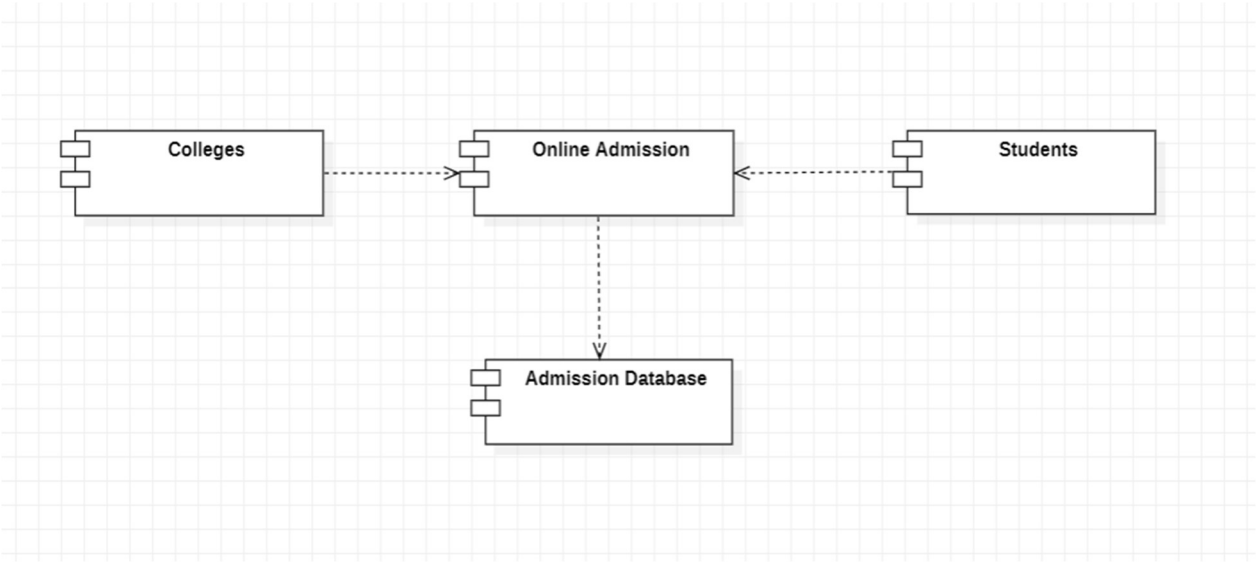

sd Online Reservation System
Passenger
Reservation Service
Bank
1 : Visit the Site
2 : Reservation Portal
3 : Boarding & Destination
4 : dates
5 : Available Trains
6 : Select train
7 : Available Seats
8 : Book & Confirm
9 : Request Payment
10 : Bank Details
11 : Approve Request
12 : Payment Request
13 : Accepted
14 : Booking Done
«destroy»
15 : exit Portal
«destroy»

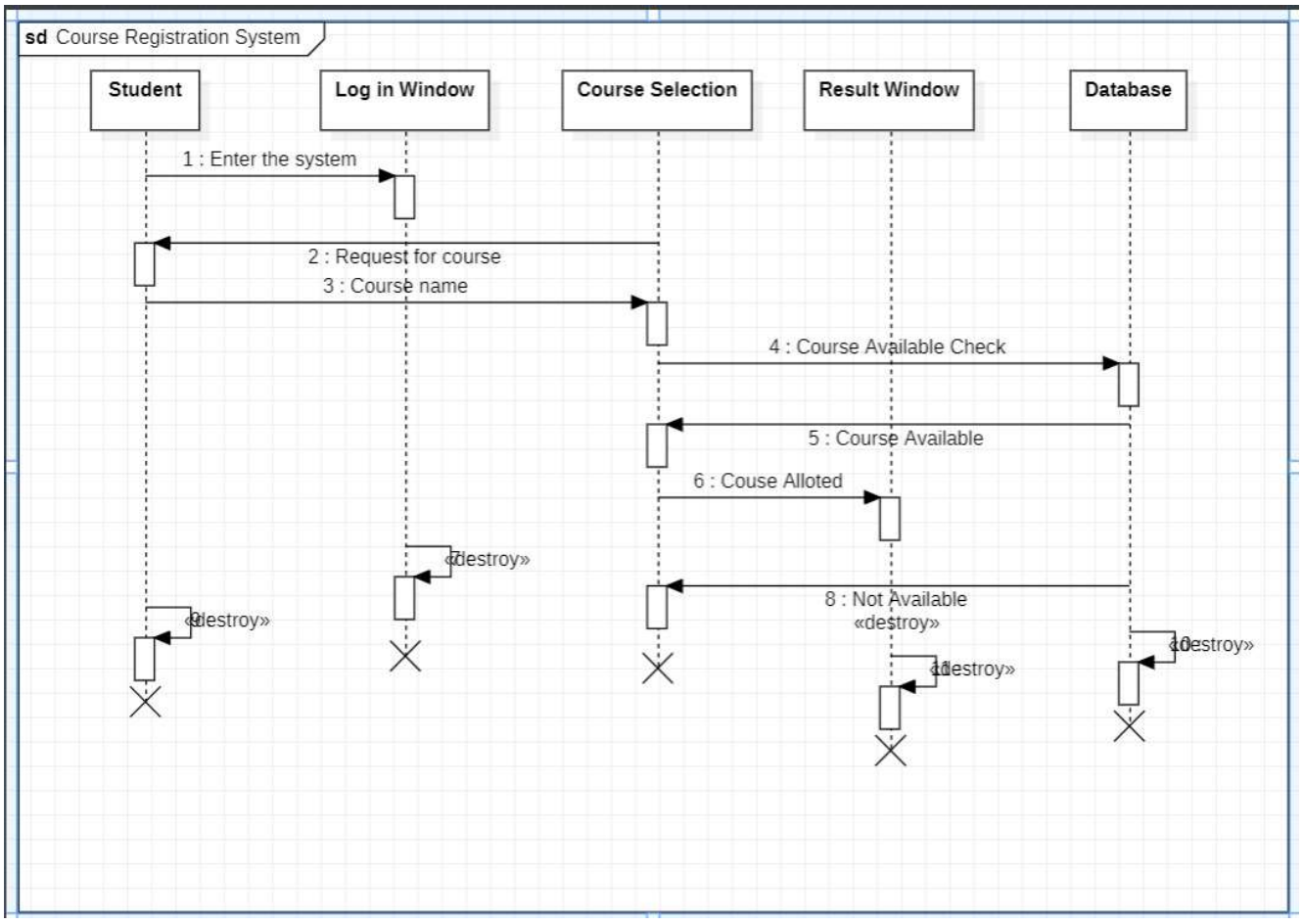

Students
+stud name
+qualification
+Check vacancy()
+Check cutoff()
+Confirm admission()
+Fees paid()
Colleges
+college name
+college address
+upload vacancy()
+upload cutoff()
+take payment()
+branch allot()
Teachers
+teacher id
+teacher name
+post
+provide information()
+helping students()

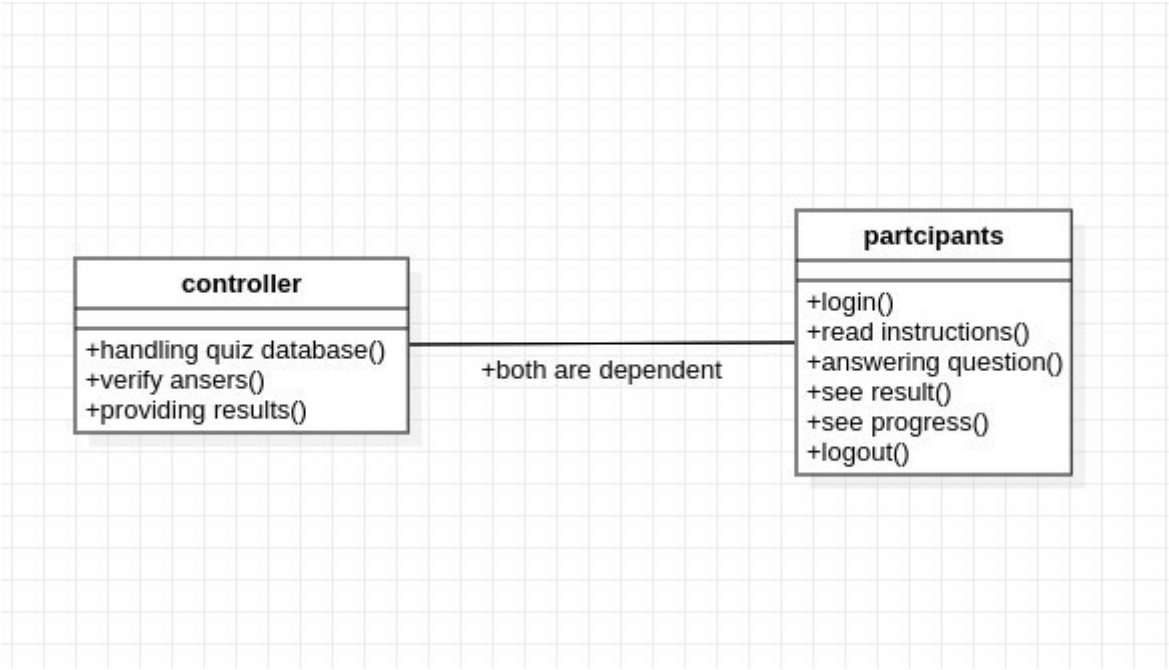

Check vacancy
Fees Paid
Students
Check cutoff
provide information
Teacher
helping students
upload vacancy
College
upload cutoff
take payment

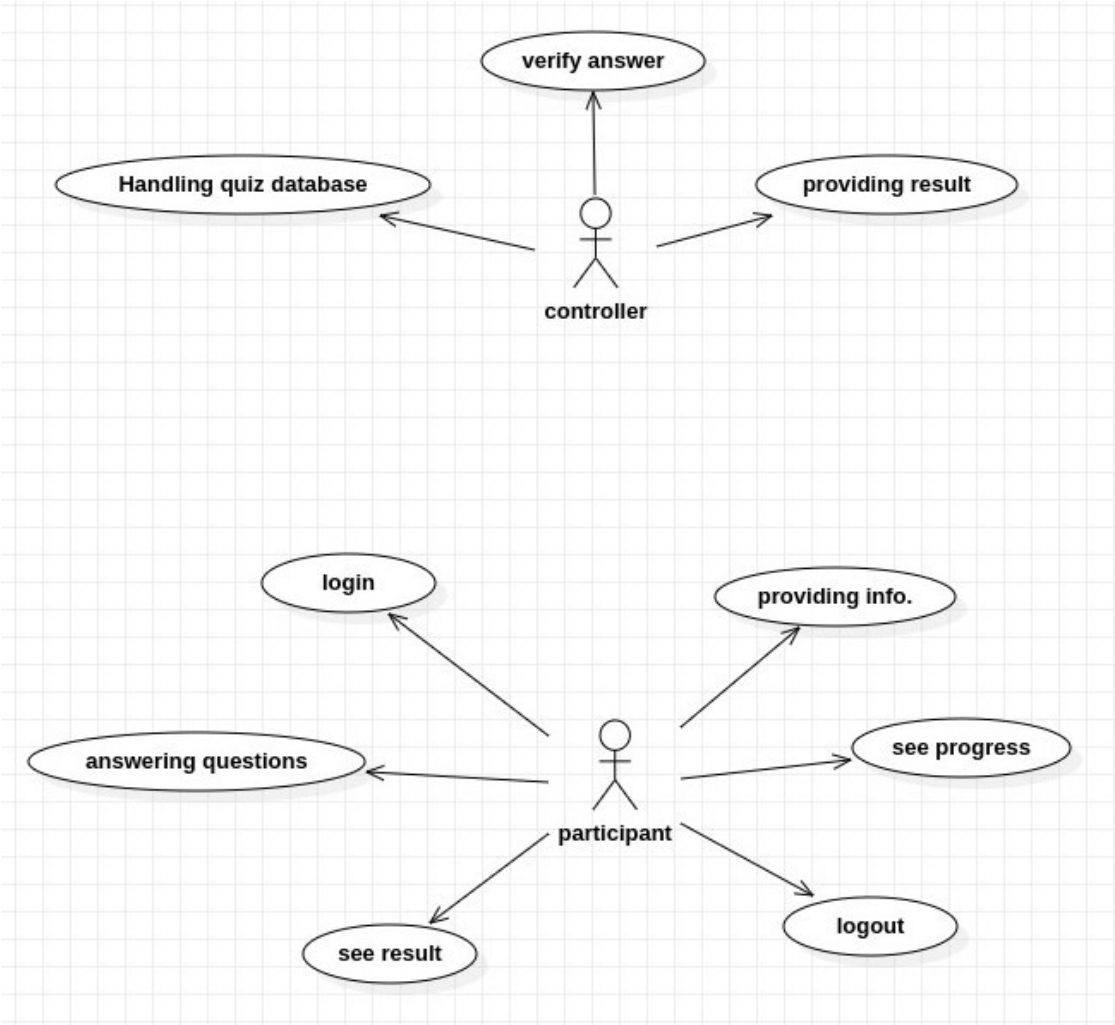

Give Entrance exam
check cutoff
Registration
Login
Apply Cap round
Check Capround 1
betterment not freeze
Check Capround 2
if not alloted
if alloted
if alloted
Spot Admission
Confirm Admission

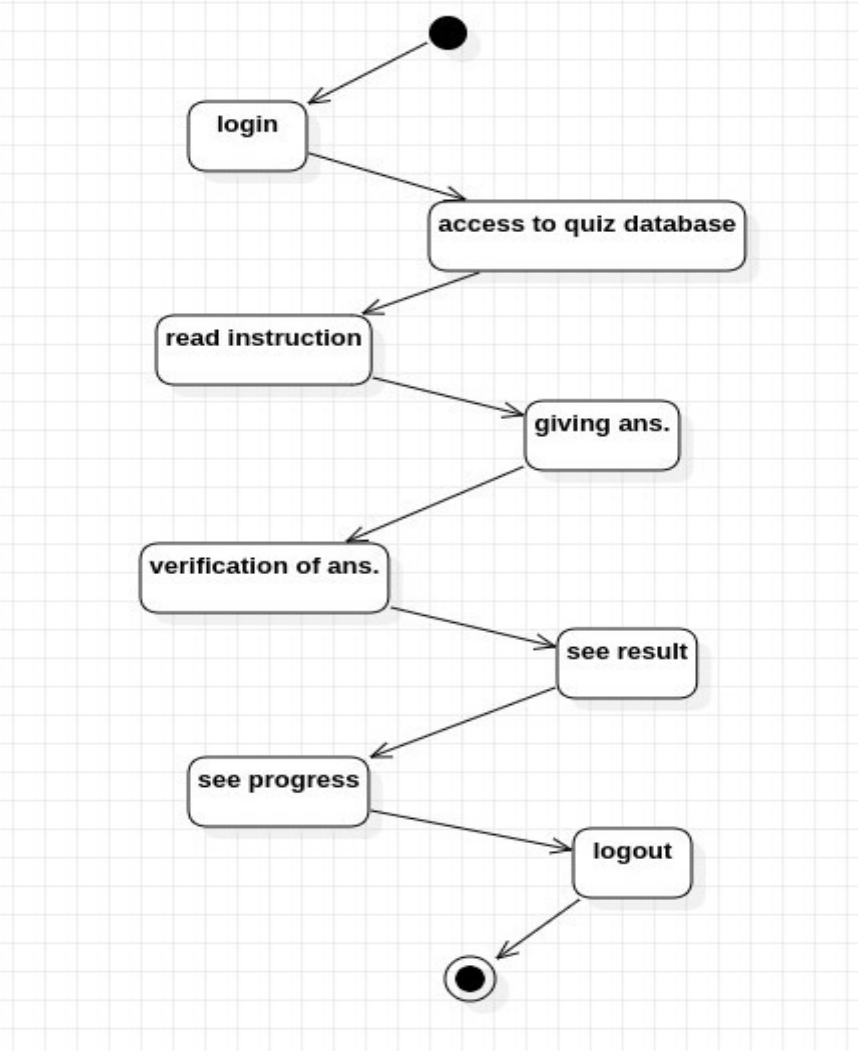

Colleges
Studends
Upload Vacancy
Allot College
Registration
Login
Check Vacancy
Apply College
Confirm Admission
Pay Fees

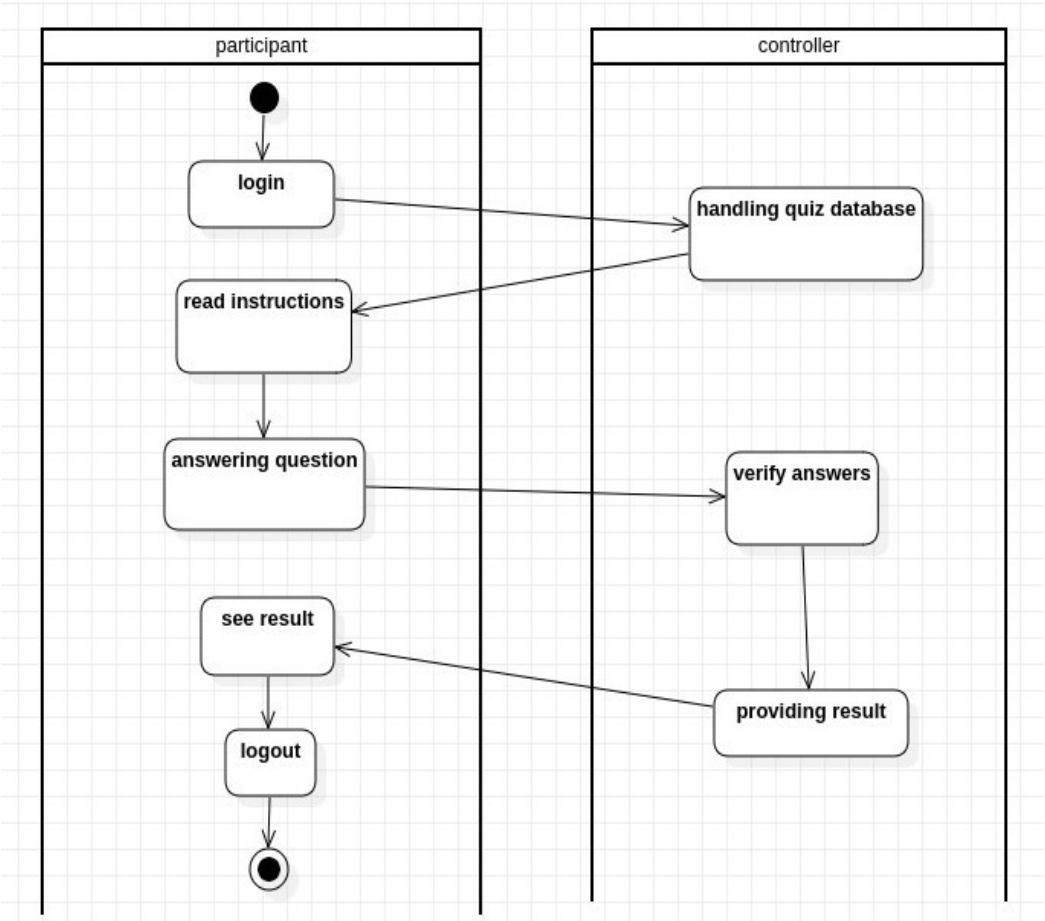

Colleges
Online Admission
Students
Admission Database

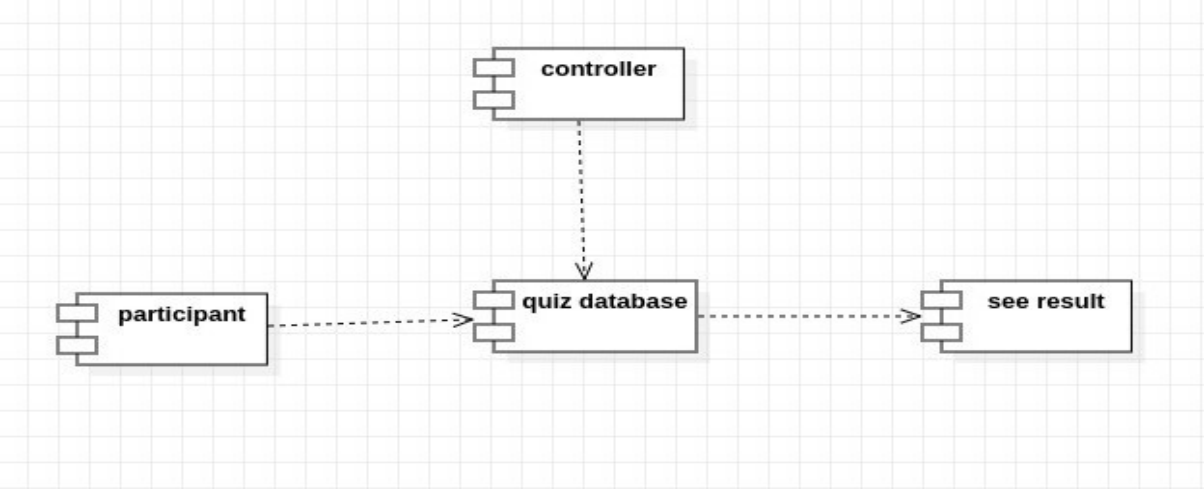

sd Course Registration System
Student
Log in Window
Course Selection
Result Window
Database
1 : Enter the system
2 : Request for course
3 : Course name
4 : Course Available Check
5 : Course Available
6 : Couse Alloted
«destroy»
8 : Not Available
«destroy»
«destroy»
«destroy»
«destroy»
«destroy»

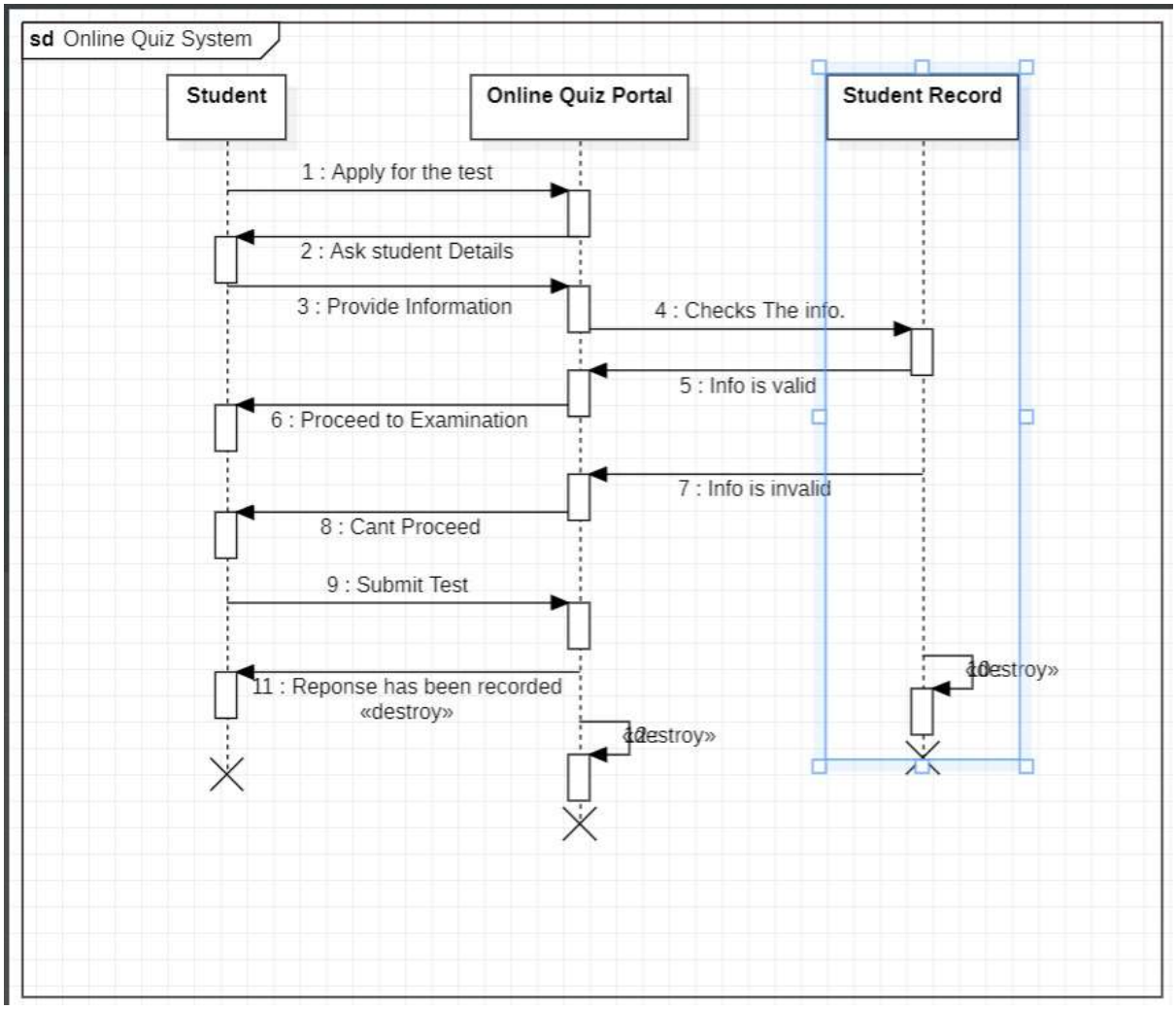

controller
+handling quiz database()
+verify ansers()
+providing results()
+both are dependent
partcipants
+login()
+read instructions()
+answering question()
+see result()
+see progress()
+logout()

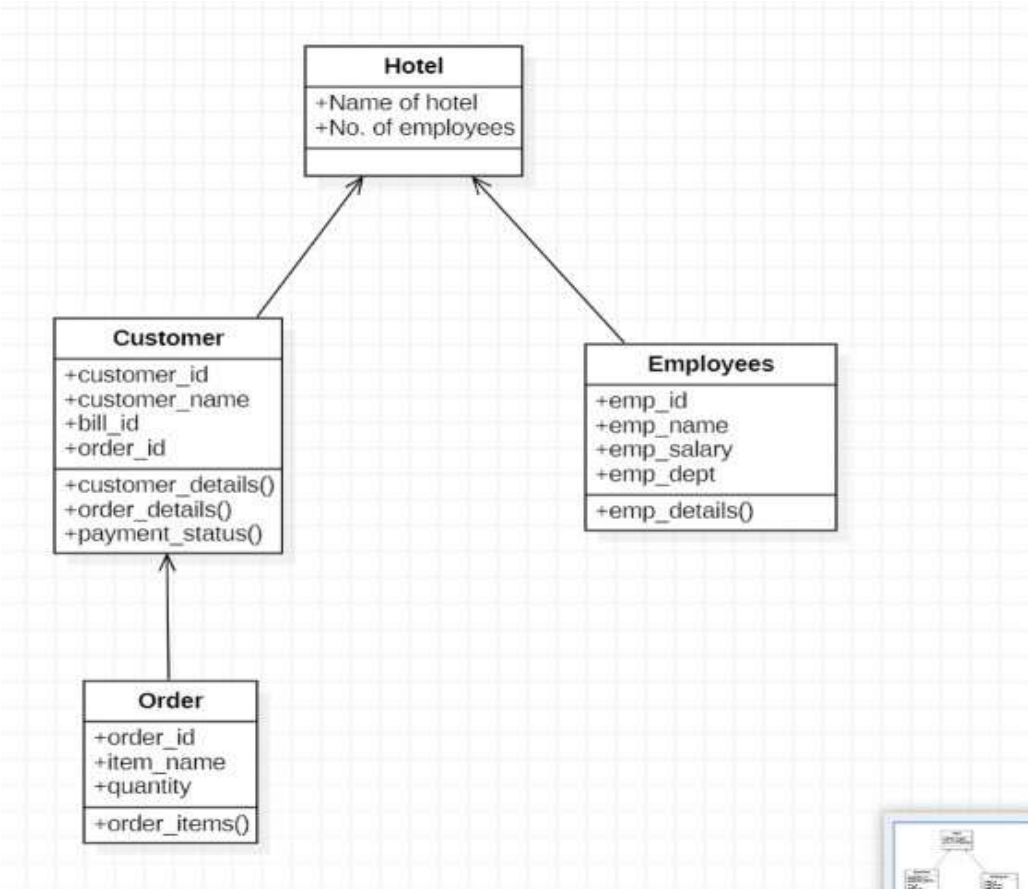

verify answer
Handling quiz database
providing result
controller
login
providing info.
answering questions
see progress
participant
see result
logout

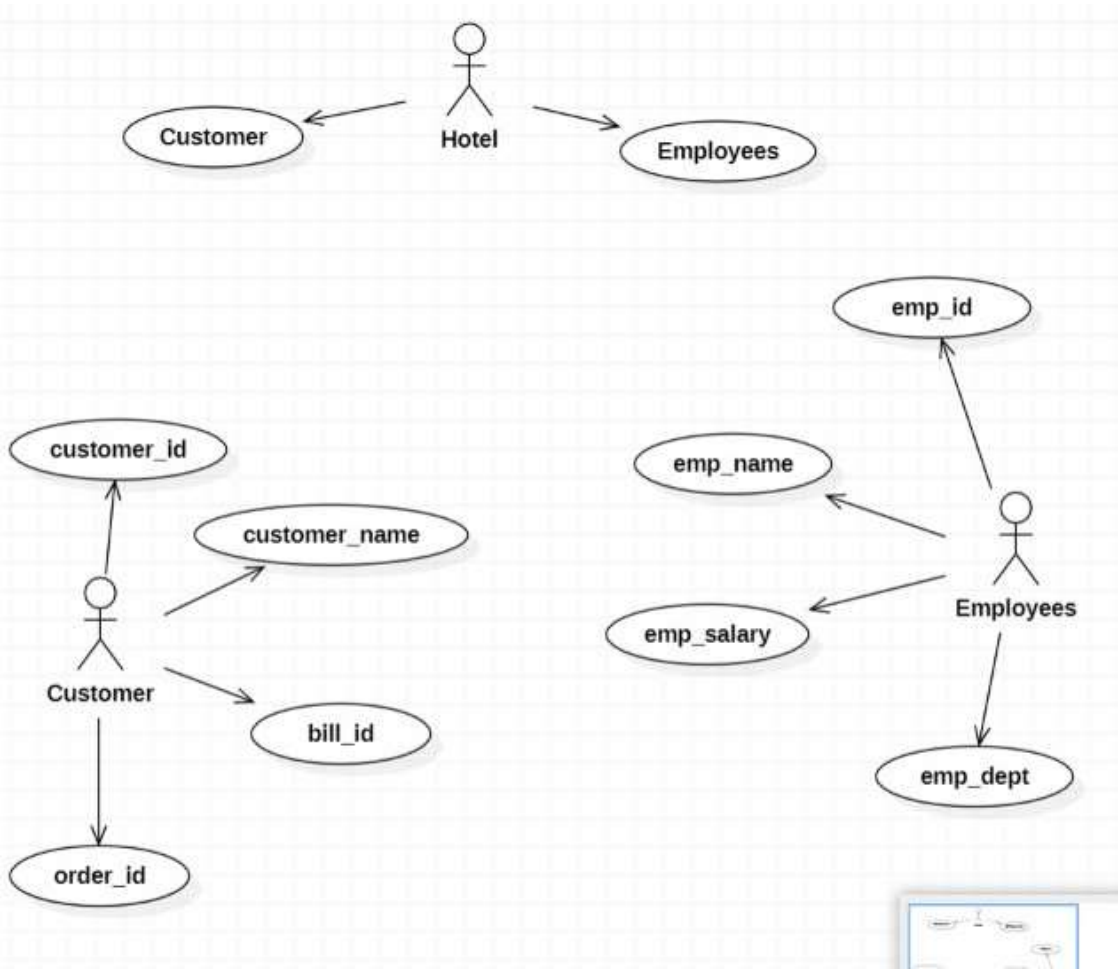

login
access to quiz database
read instruction
giving ans.
verification of ans.
see result
see progress
logout

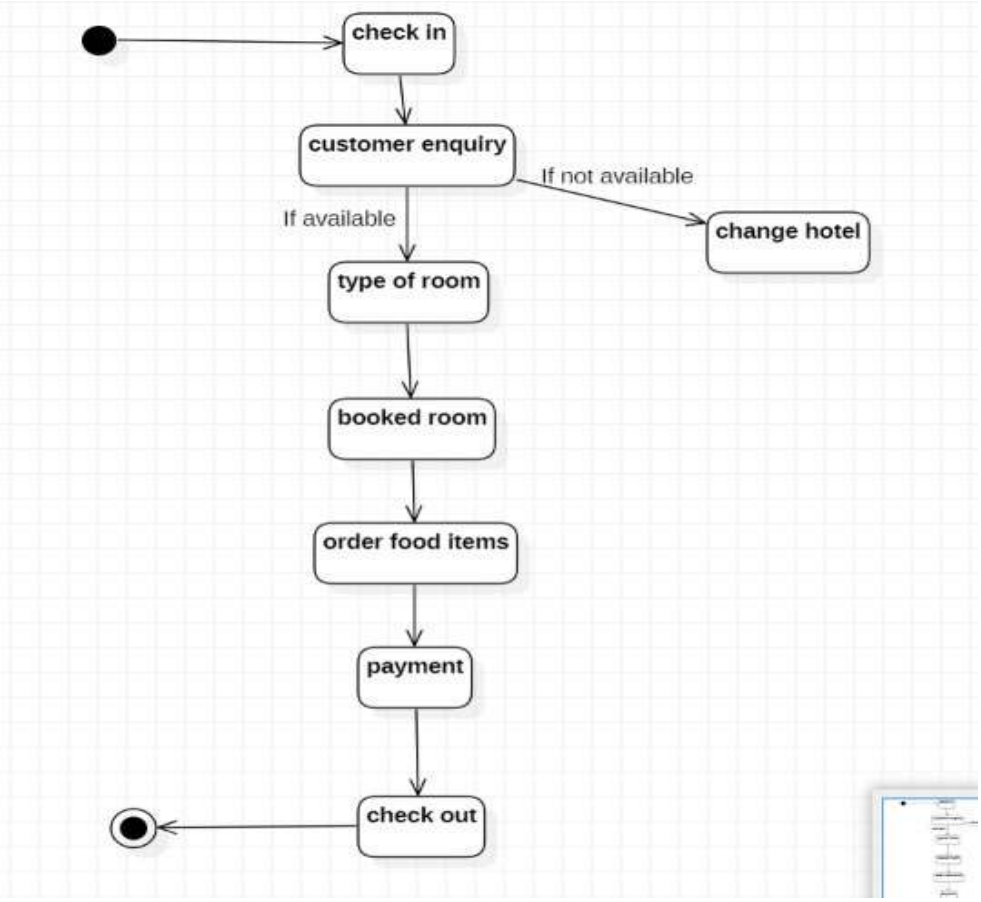

participant
controller
login
handling quiz database
read instructions
answering question
verify answers
see result
providing result
logout

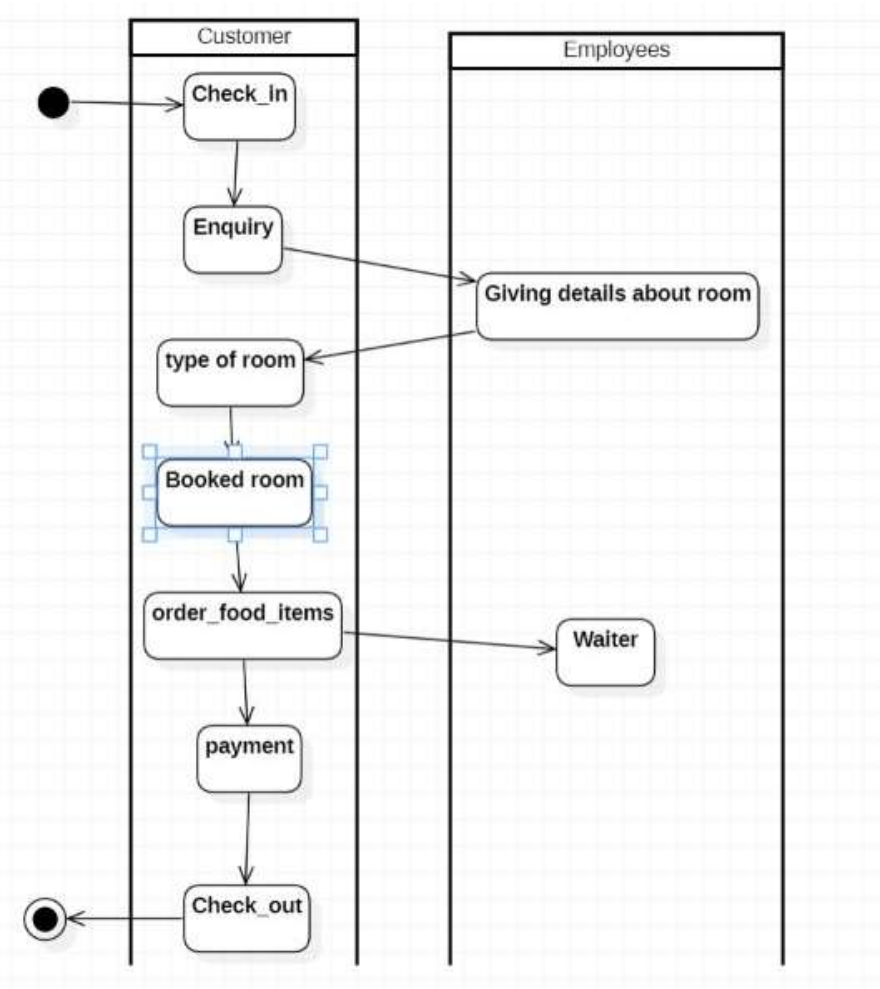

controller
participant
quiz database
see result

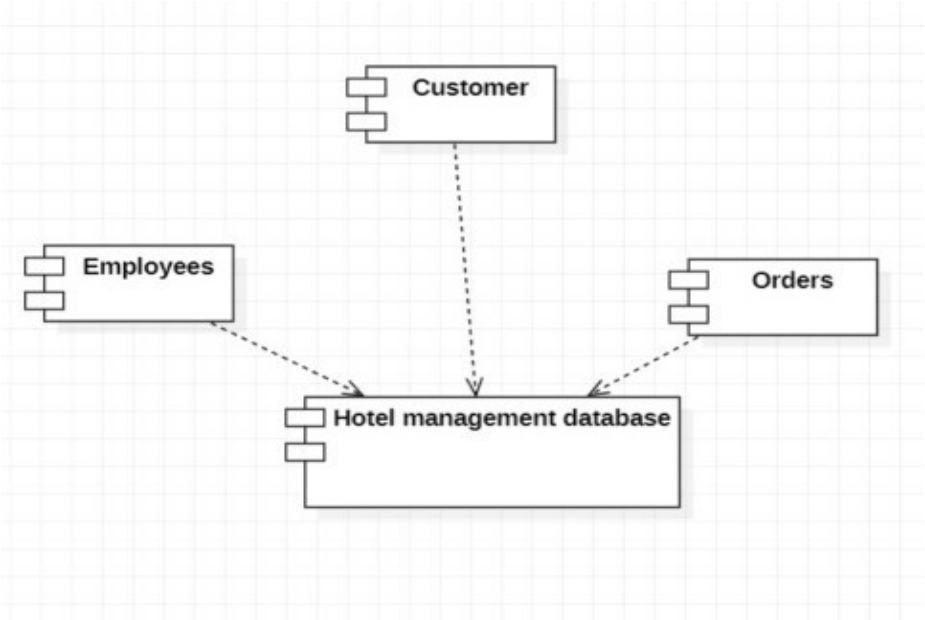

sd Online Quiz System
Student
Online Quiz Portal
Student Record
1 : Apply for the test
2 : Ask student Details
3 : Provide Information
4 : Checks The info.
5 : Info is valid
6 : Proceed to Examination
7 : Info is invalid
8 : Cant Proceed
9 : Submit Test
10 «destroy»
11 : Reponse has been recorded
«destroy»
12 «destroy»

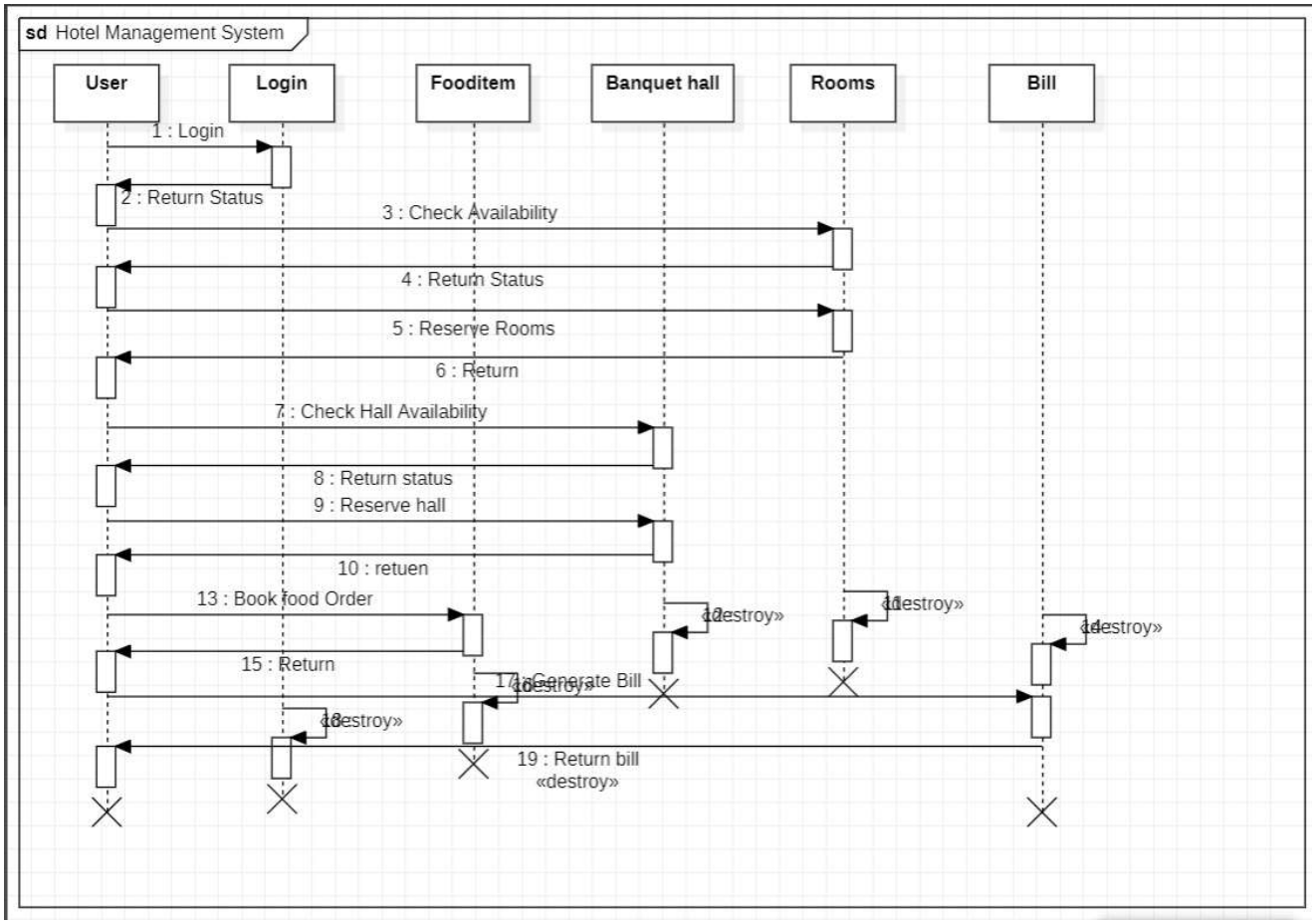

Hotel
+Name of hotel
+No. of employees
Customer
+customer_id
+customer_name
+bill_id
+order_id
+customer_details()
+order_details()
+payment_status()
Employees
+emp_id
+emp_name
+emp_salary
+emp_dept
+emp_details()
Order
+order_id
+item_name
+quantity
+order_items()

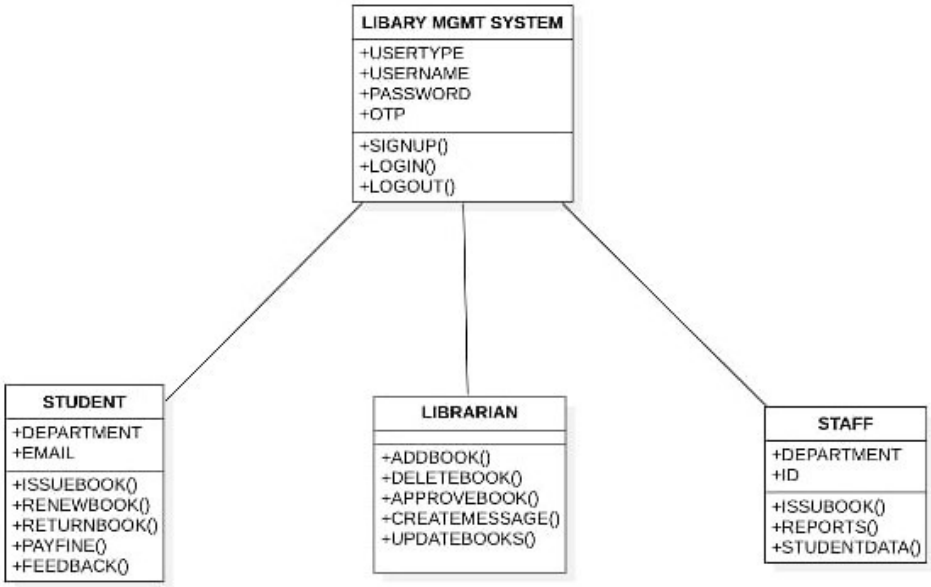

Customer
Hotel
Employees
emp_id
customer_id
emp_name
customer_name
Employees
emp_salary
Customer
bill_id
emp_dept
order_id

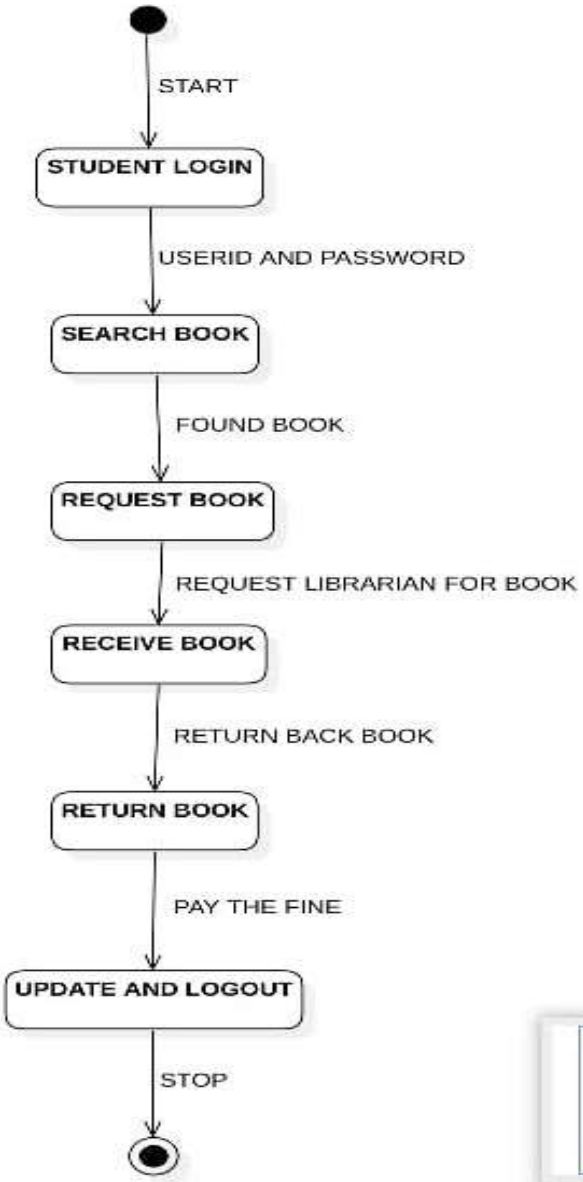

check in
customer enquiry
If not available
change hotel
If available
type of room
booked room
order food items
payment
check out

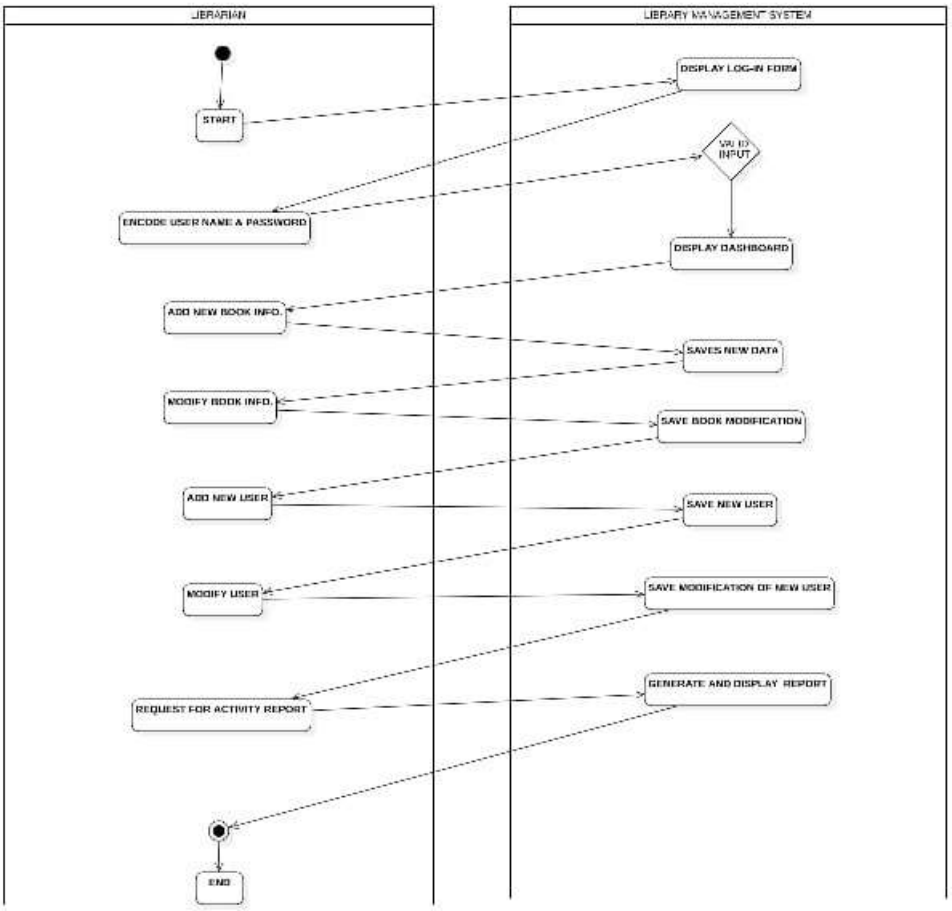

Customer
Employees
Check_in
Enquiry
Giving details about room
type of room
Booked room
order_food_items
Waiter
payment
Check_out

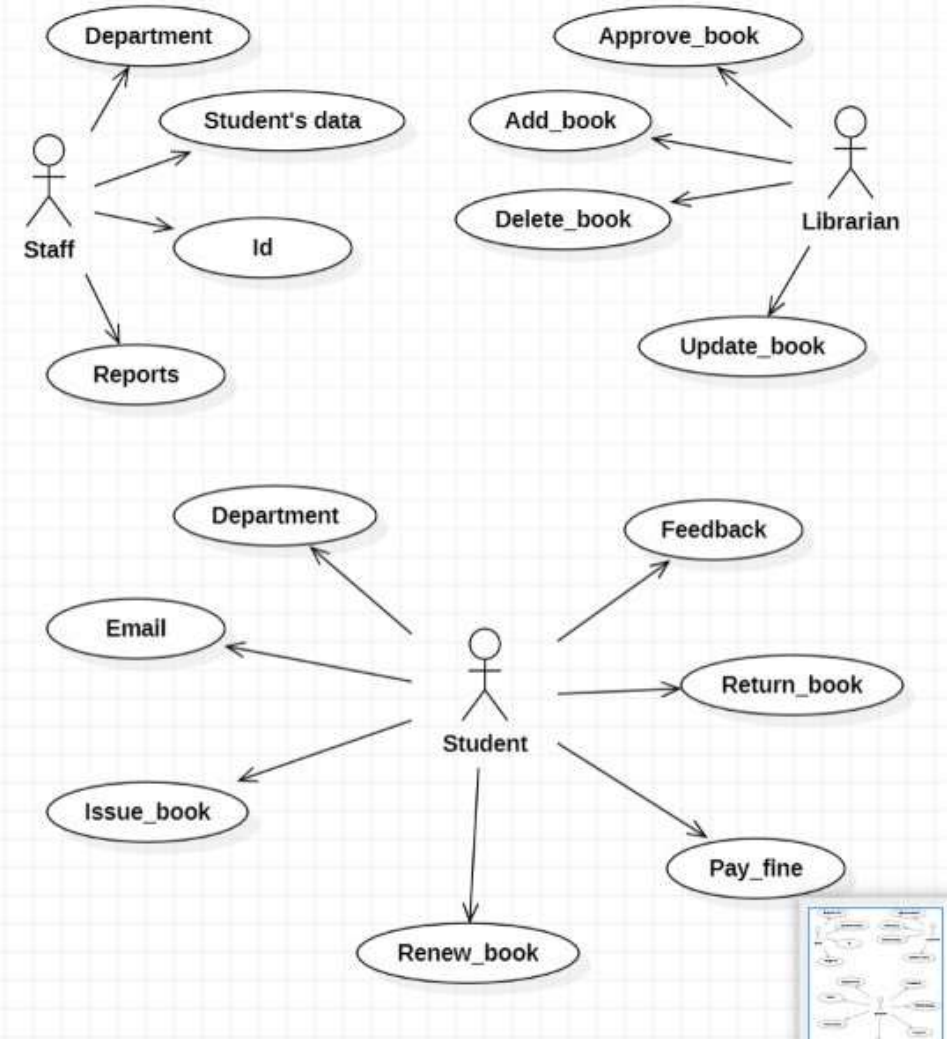

Customer
Employees
Orders
Hotel management database

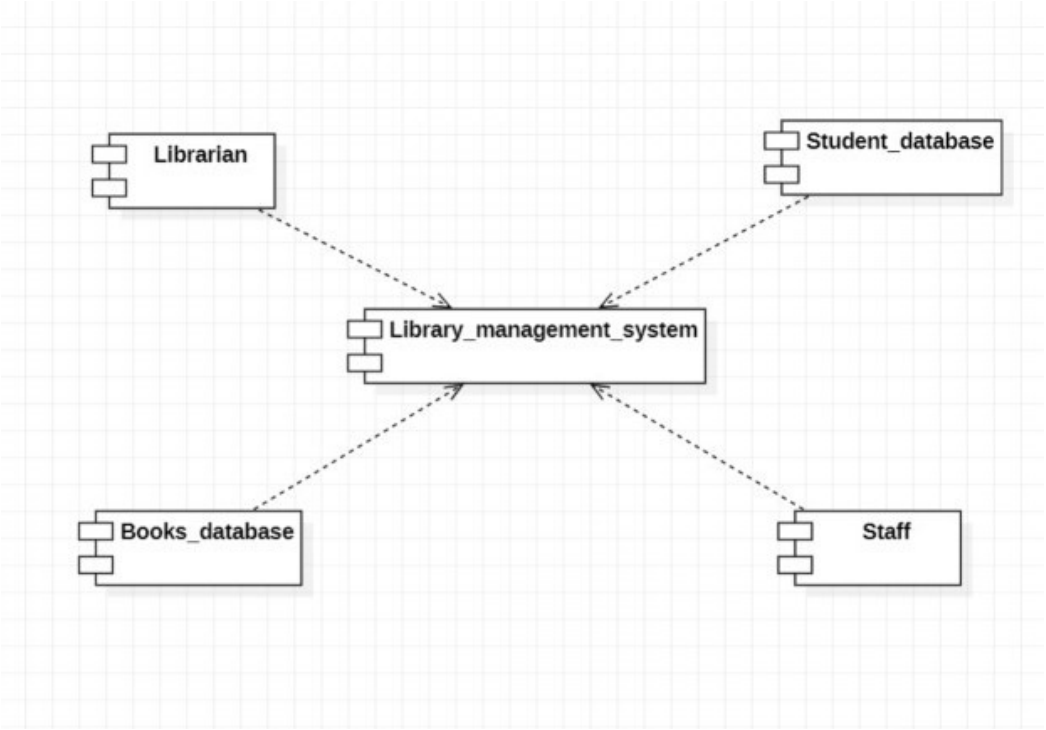

sd Hotel Management System
User
Login
Fooditem
Banquet hall
Rooms
Bill
1 : Login
2 : Return Status
3 : Check Availability
4 : Return Status
5 : Reserve Rooms
6 : Return
7 : Check Hall Availability
8 : Return status
9 : Reserve hall
10 : retuen
13 : Book food Order
15 : Return
17 : Generate Bill
19 : Return bill
«destroy»

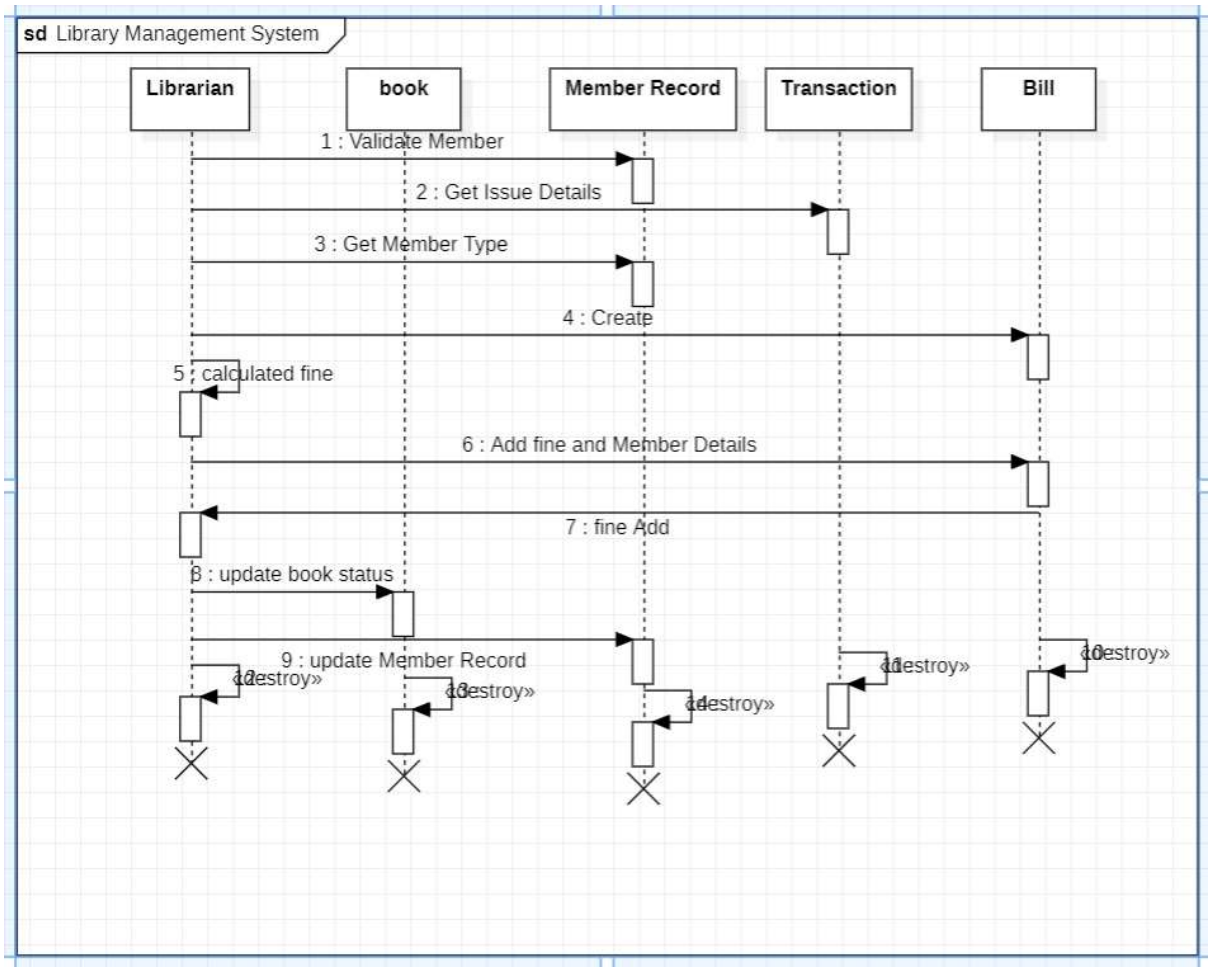

LIBARY MGMT SYSTEM
+USERTYPE
+USERNAME
+PASSWORD
+OTP
+SIGNUP()
+LOGIN()
+LOGOUT()
STUDENT
+DEPARTMENT
+EMAIL
+ISSUEBOOK()
+RENEWBOOK()
+RETURNBOOK()
+PAYFINE()
+FEEDBACK()
LIBRARIAN
+ADDBOOK()
+DELETEBOOK()
+APPROVEBOOK()
+CREATEMESSAGE()
+UPDATEBOOKS()
STAFF
+DEPARTMENT
+ID
+ISSUBOOK()
+REPORTS()
+STUDENTDATA()

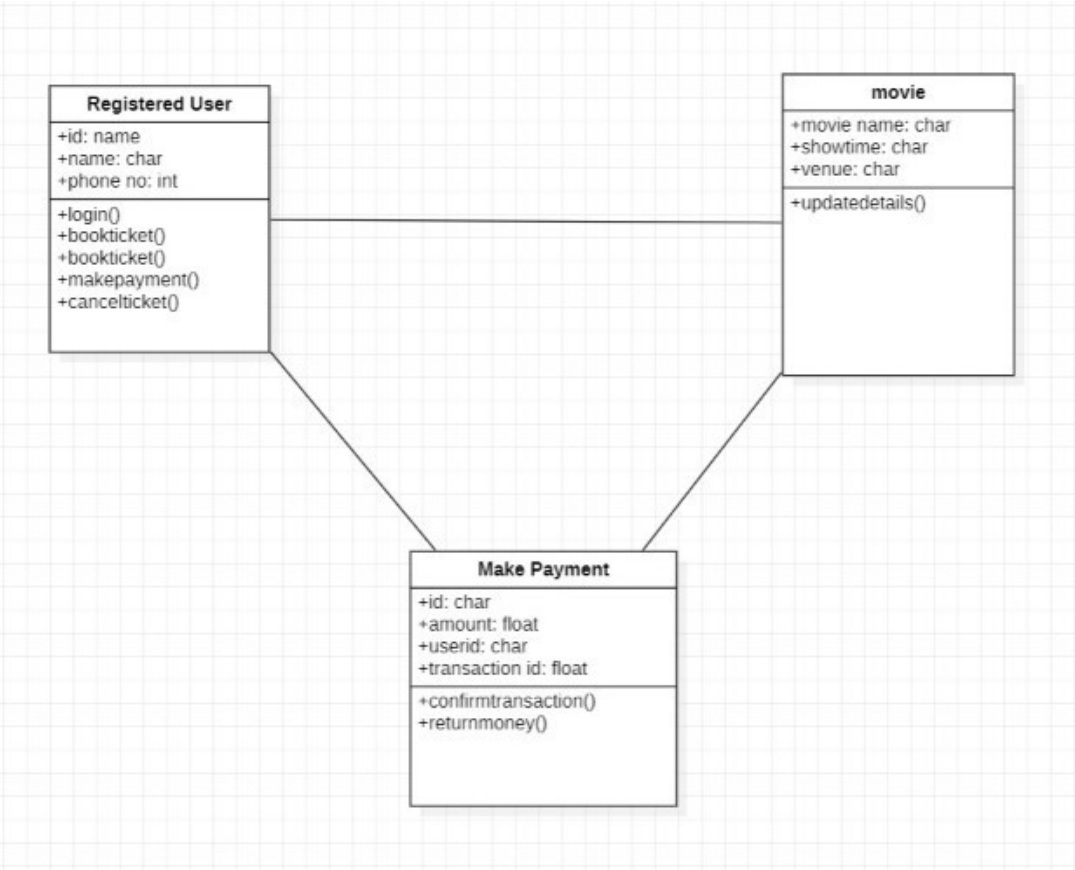

START
STUDENT LOGIN
USERID AND PASSWORD
SEARCH BOOK
FOUND BOOK
REQUEST BOOK
REQUEST LIBRARIAN FOR BOOK
RECEIVE BOOK
RETURN BACK BOOK
RETURN BOOK
PAY THE FINE
UPDATE AND LOGOUT
STOP

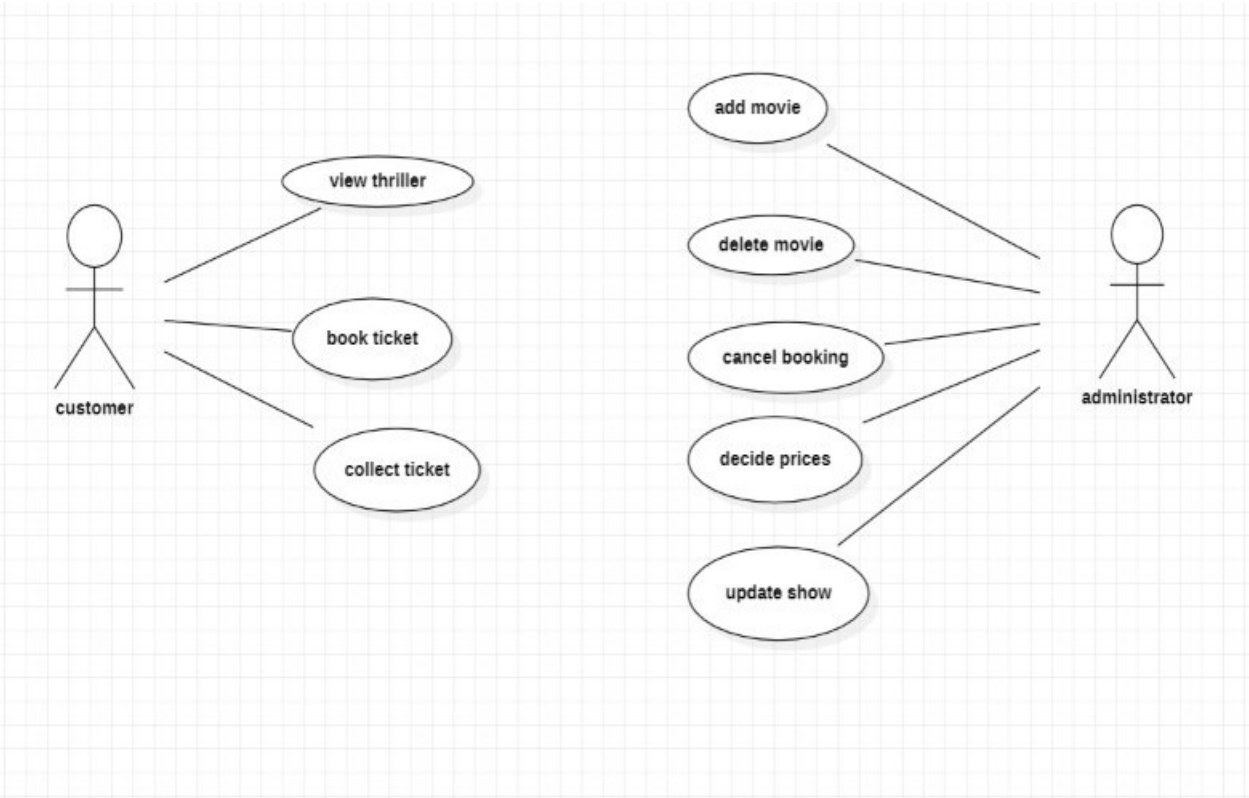

LIBRARIAN
LIBRARY MANAGEMENT SYSTEM
START
DISPLAY LOG-IN FORM
VALID INPUT
ENCODE USER NAME & PASSWORD
DISPLAY DASHBOARD
ADD NEW BOOK INFO.
SAVES NEW DATA
MODIFY BOOK INFO.
SAVE BOOK MODIFICATION
ADD NEW USER
SAVE NEW USER
MODIFY USER
SAVE MODIFICATION OF NEW USER
REQUEST FOR ACTIVITY REPORT
GENERATE AND DISPLAY REPORT
END

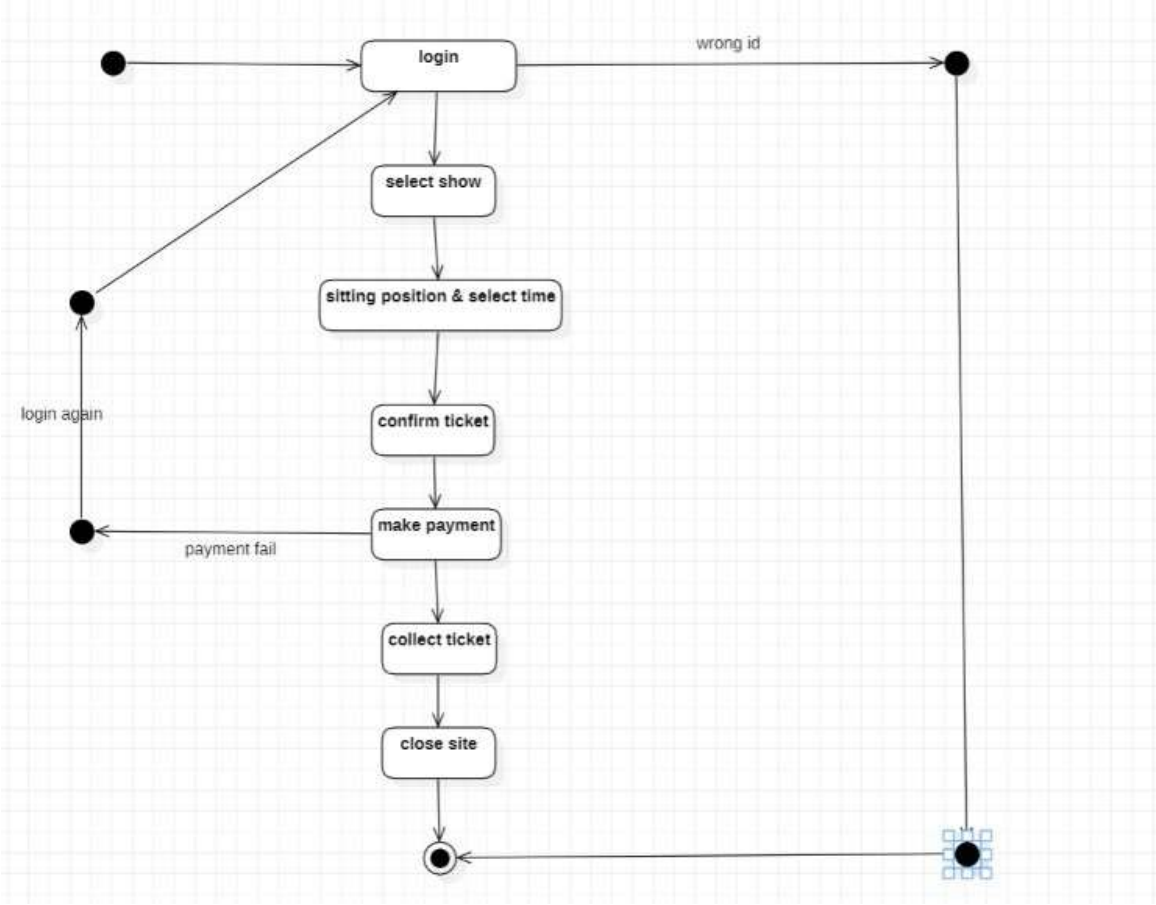

Department
Student's data
Staff
Id
Reports
Approve_book
Add_book
Delete_book
Librarian
Update_book
Department
Feedback
Email
Student
Return_book
Issue_book
Pay_fine
Renew_book

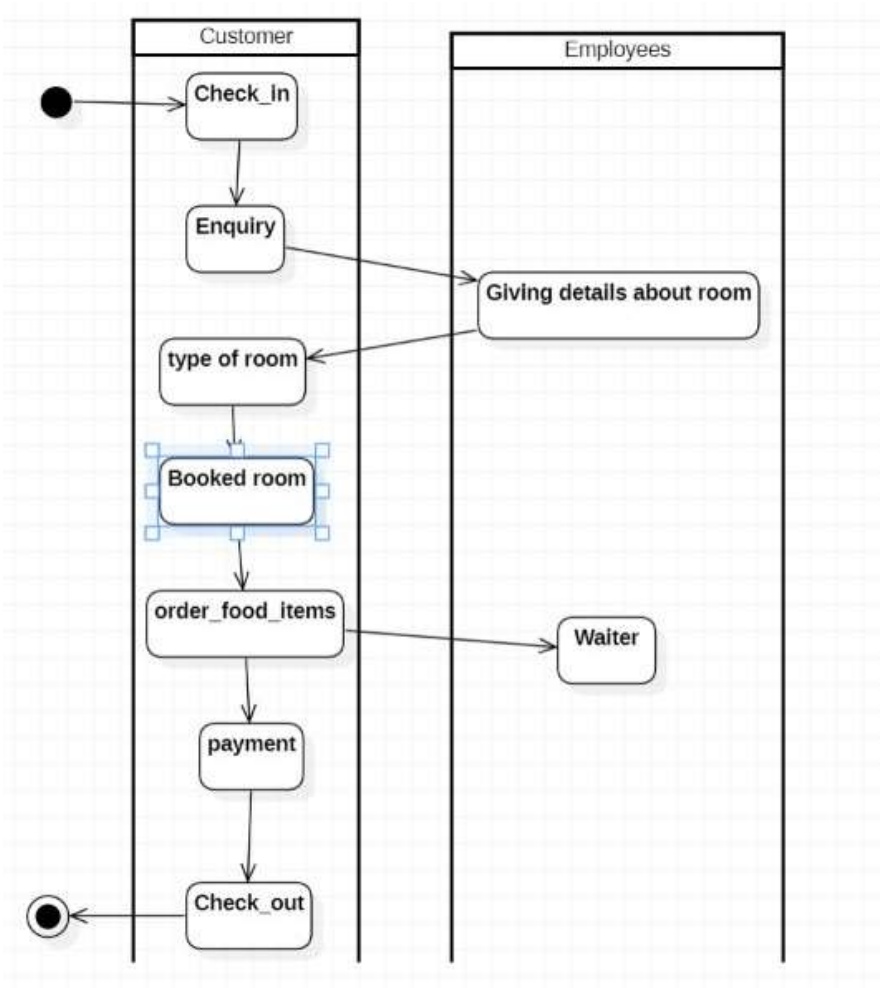

Librarian
Student_database
Library_management_system
Books_database
Staff

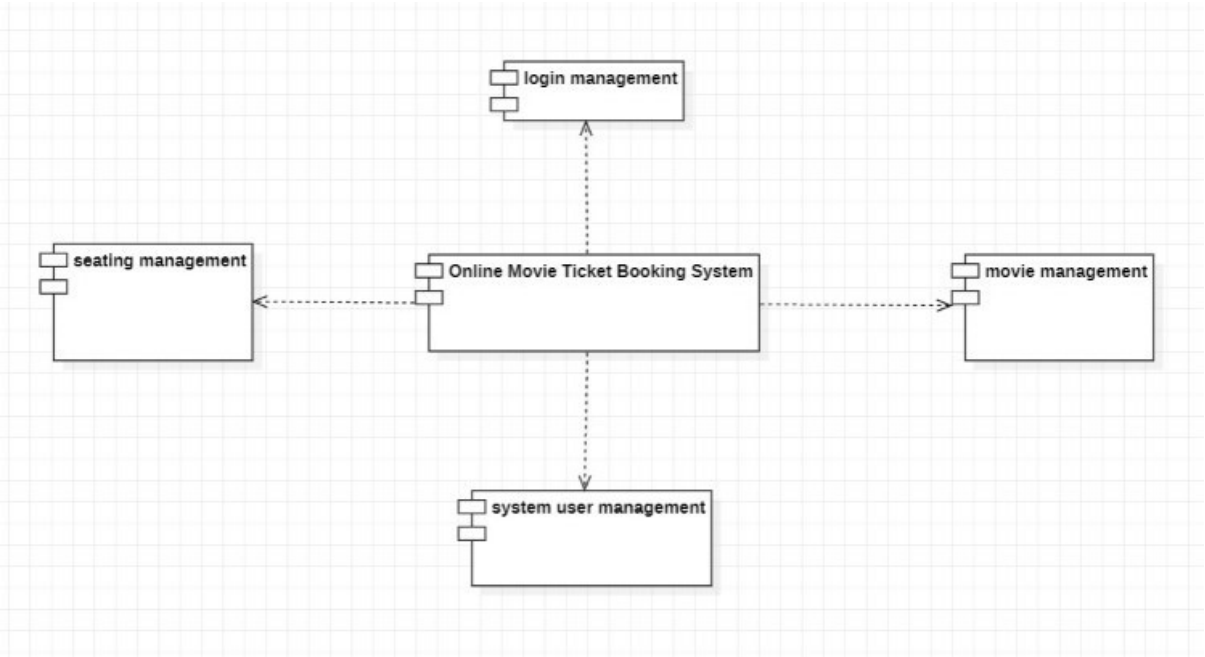

sd Library Management System
Librarian
book
Member Record
Transaction
Bill
1 : Validate Member
2 : Get Issue Details
3 : Get Member Type
4 : Create
5 : calculated fine
6 : Add fine and Member Details
7 : fine Add
8 : update book status
9 : update Member Record
«destroy»
«destroy»
«destroy»
«destroy»
«destroy»
«destroy»

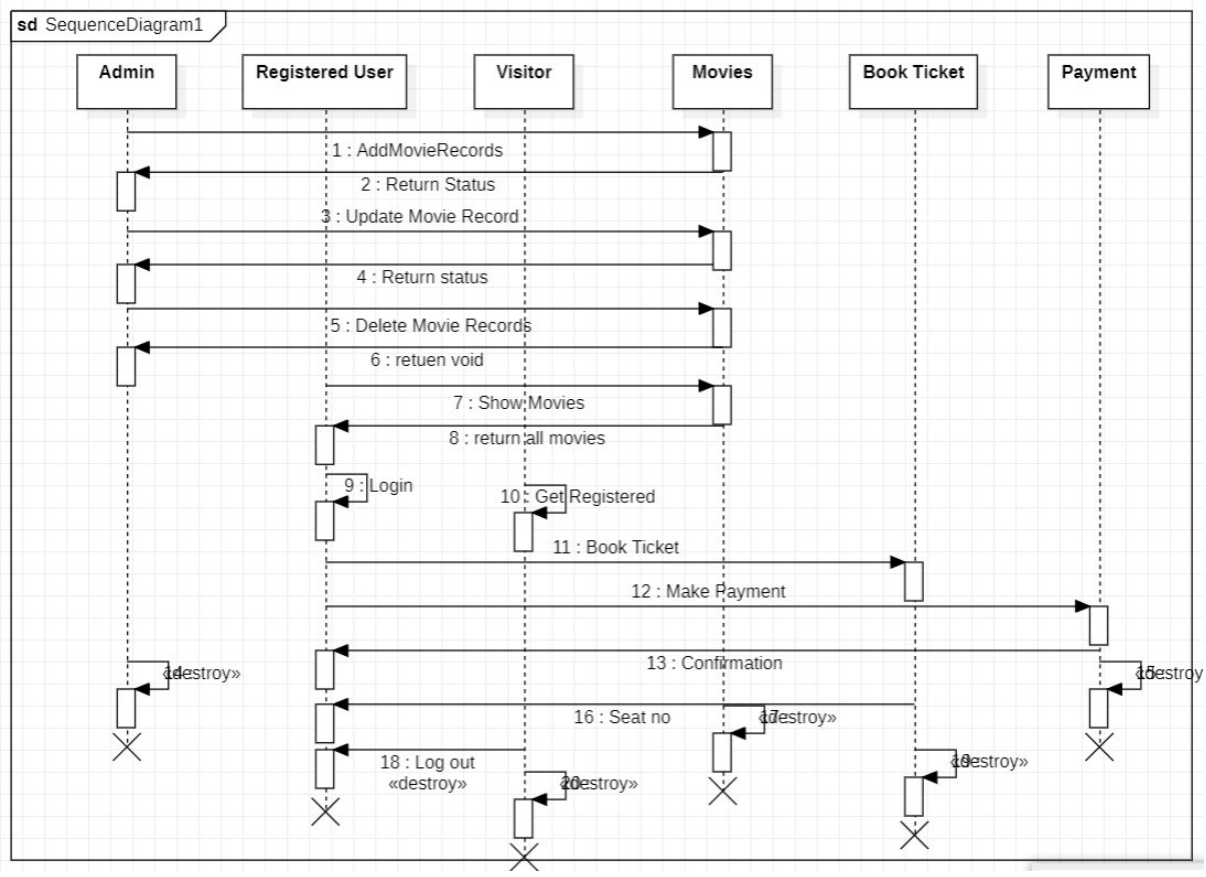

Registered User
+id: name
+name: char
+phone no: int
+login()
+bookticket()
+bookticket()
+makepayment()
+canceltickets()
movie
+movie name: char
+showtime: char
+venue: char
+updatedetails()
Make Payment
+id: char
+amount: float
+userid: char
+transaction id: float
+confirmtransaction()
+returnmoney()


customer
view thriller
book ticket
collect ticket
add movie
delete movie
cancel booking
decide prices
update show
administrator


login
wrong id
select show
sitting position & select time
login again
confirm ticket
make payment
payment fail
collect ticket
close site


Customer
Employees
Check_In
Enquiry
Giving details about room
type of room
Booked room
order_food_items
Waiter
payment
Check_out


login management
seating management
Online Movie Ticket Booking System
movie management
system user management


sd SequenceDiagram1
Admin
Registered User
Visitor
Movies
Book Ticket
Payment
1 : AddMovieRecords
2 : Return Status
3 : Update Movie Record
4 : Return status
5 : Delete Movie Records
6 : retuen void
7 : Show Movies
8 : return all movies
9 : Login
10 : Get Registered
11 : Book Ticket
12 : Make Payment
13 : Confirmation
14 «destroy»
15 «destroy»
16 : Seat no
17 «destroy»
18 : Log out
«destroy»
19 «destroy»
20 «destroy»