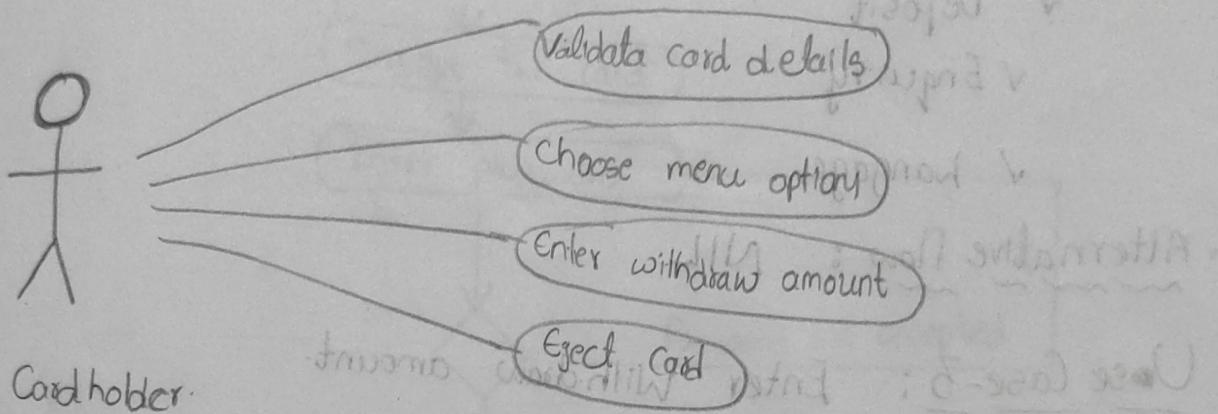


- ATM Transaction :-

21/07/22

- Use Case Diagram of ATM transaction



Flow of events:-

- Use Case - 1 :- Validate card details

• Main flow :- Card holder will insert the card and do the action.

• Enter card details (Pin, ATM Card).

- Alternative flow :-

• If the details are found to be invalid message will be "displayed" "Invalid Pin details".

• If the wrong details are entered more than 3 times ATM card and account to perform transaction will get blocked for 24 hours.

- Use Case - 2 :- Choose menu options.

• Main flow :- Card holder can select menu options available and perform below mentioned actions.

- ✓ Withdraw
- ✓ Transfer
- ✓ Deposit
- ✓ Enquiry
- ✓ Hangups

- Alternative flow : NIL
- Use Case-3 :- Enter Withdraw amount.

- Main flow :- card holder can select Withdraw menu options available and perform transaction.
  - Collect cash from ATM.

- Alternative flow :- If there is no amount it display as "Insufficient funds." in machine or present b/w n o f b/w in your account.

- Use Case-4 :- Eject Card.

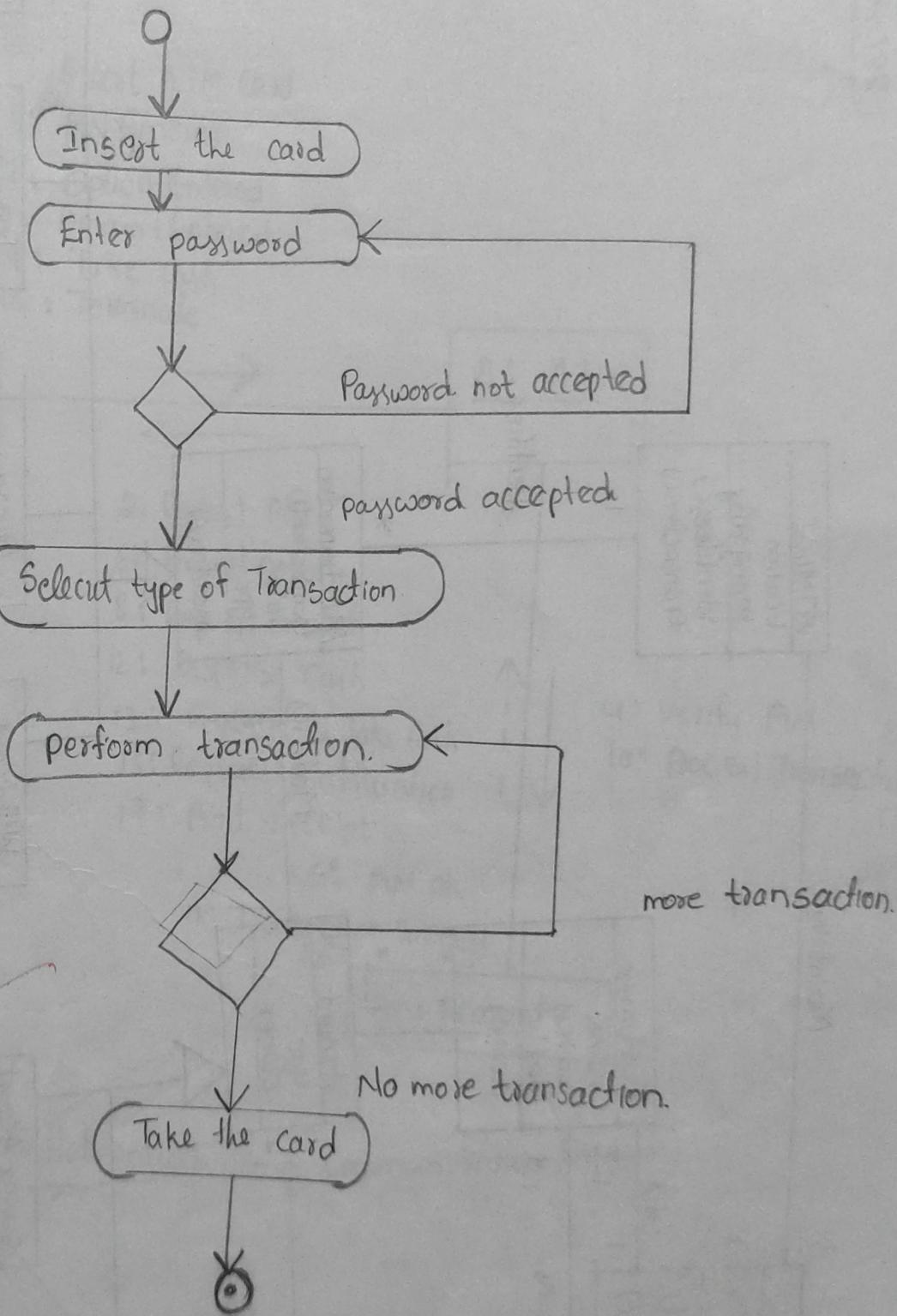
- Main flow :- After completion of withdraw amount will go back in the duration time according to b/w the cardholder take amount and card.

- Alternative flow :- The card will locked in ATM and amount will go back in to ATM with in duration of time.

# Activity Diagram:-

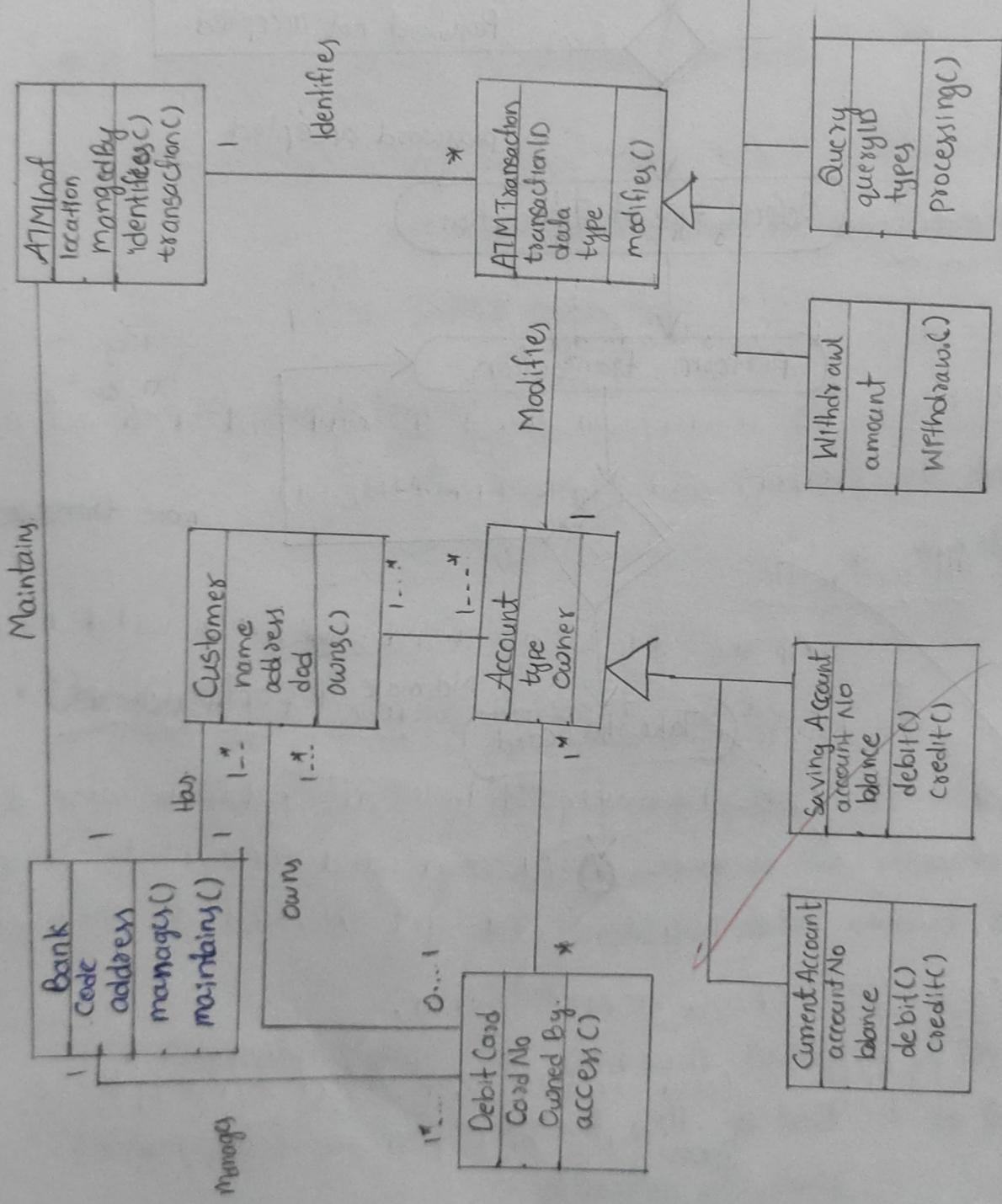
28/07/22

ATM



28/07/22

# Class Diagram

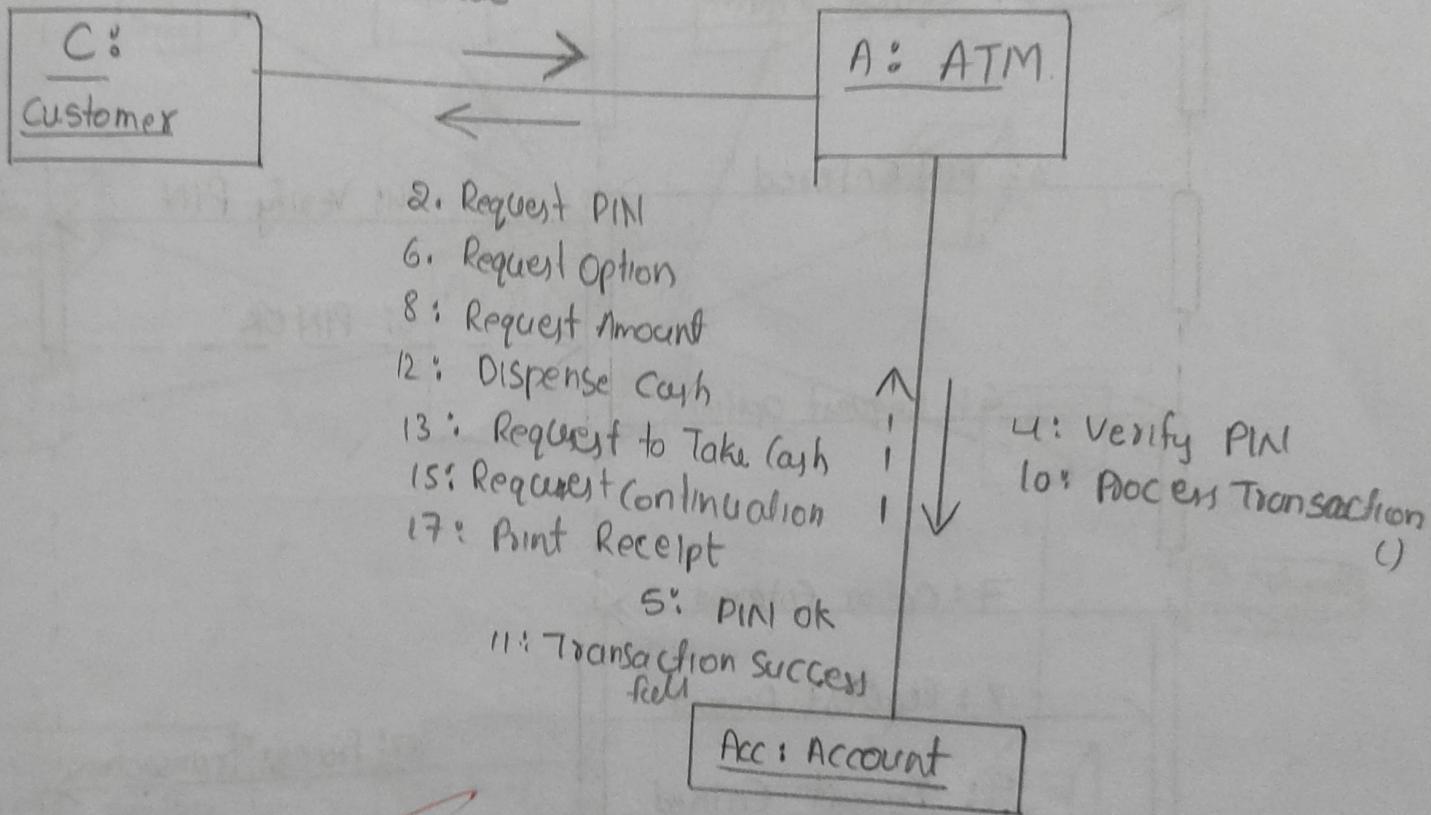


Class

# Collaboration Diagram

18/08/22

- 1: Insert ATM card
- 3: PIN Entered
- 7: Option Entered
- 9: Amount Entered
- 14: Take Cash
- 16: Terminate

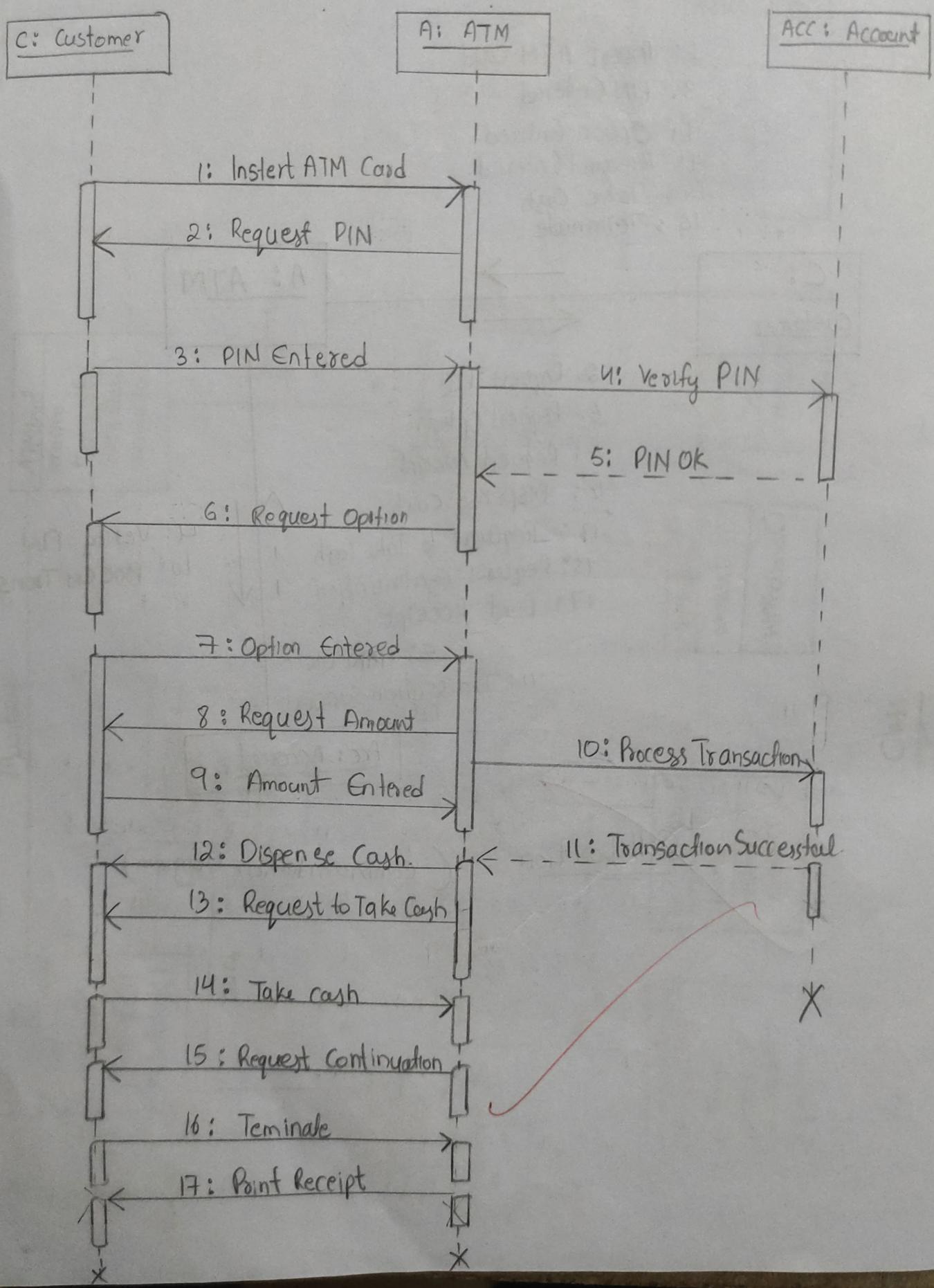


Collaboration

(Communication Diagram)

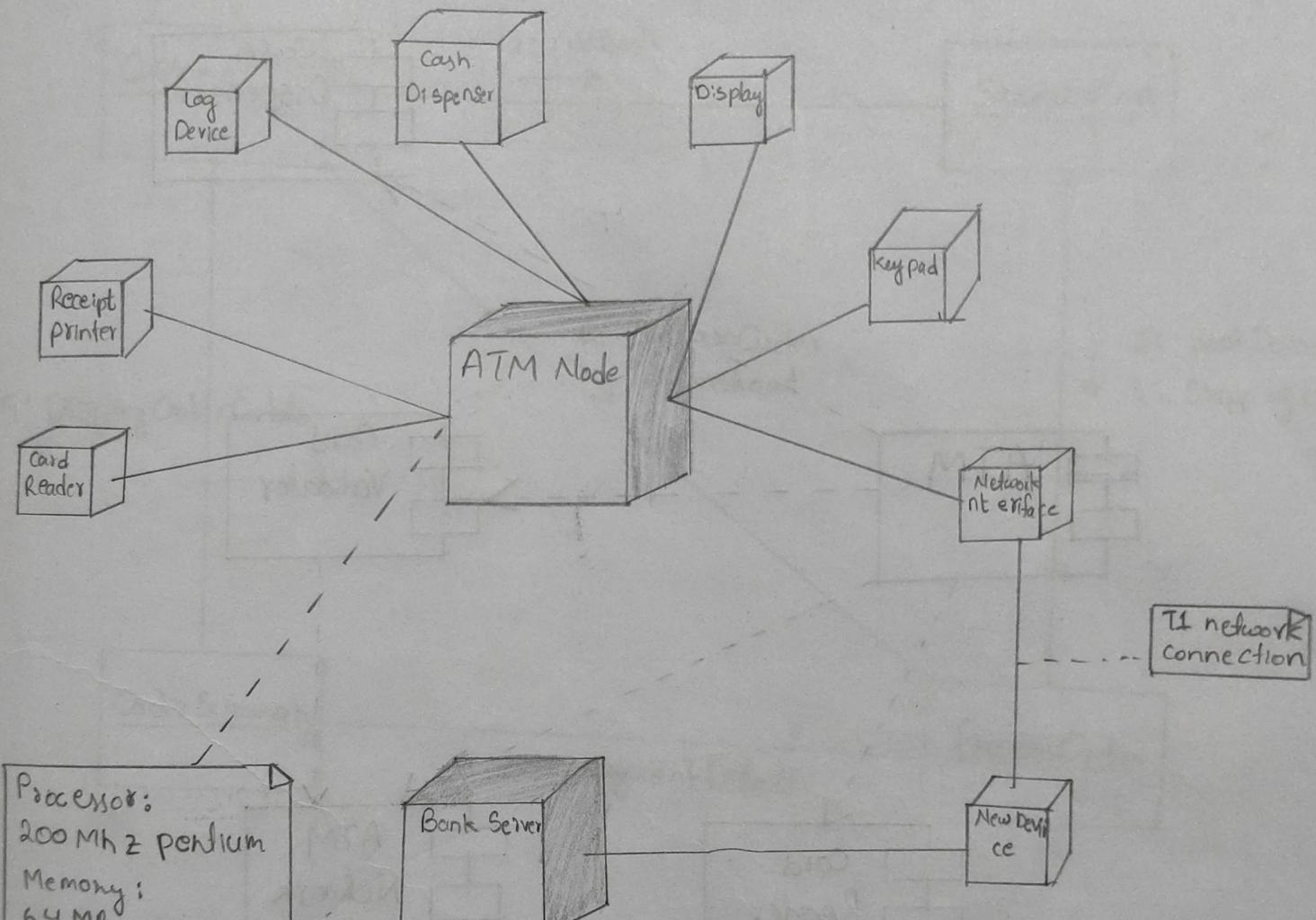
# Sequence Diagram

18/08/22



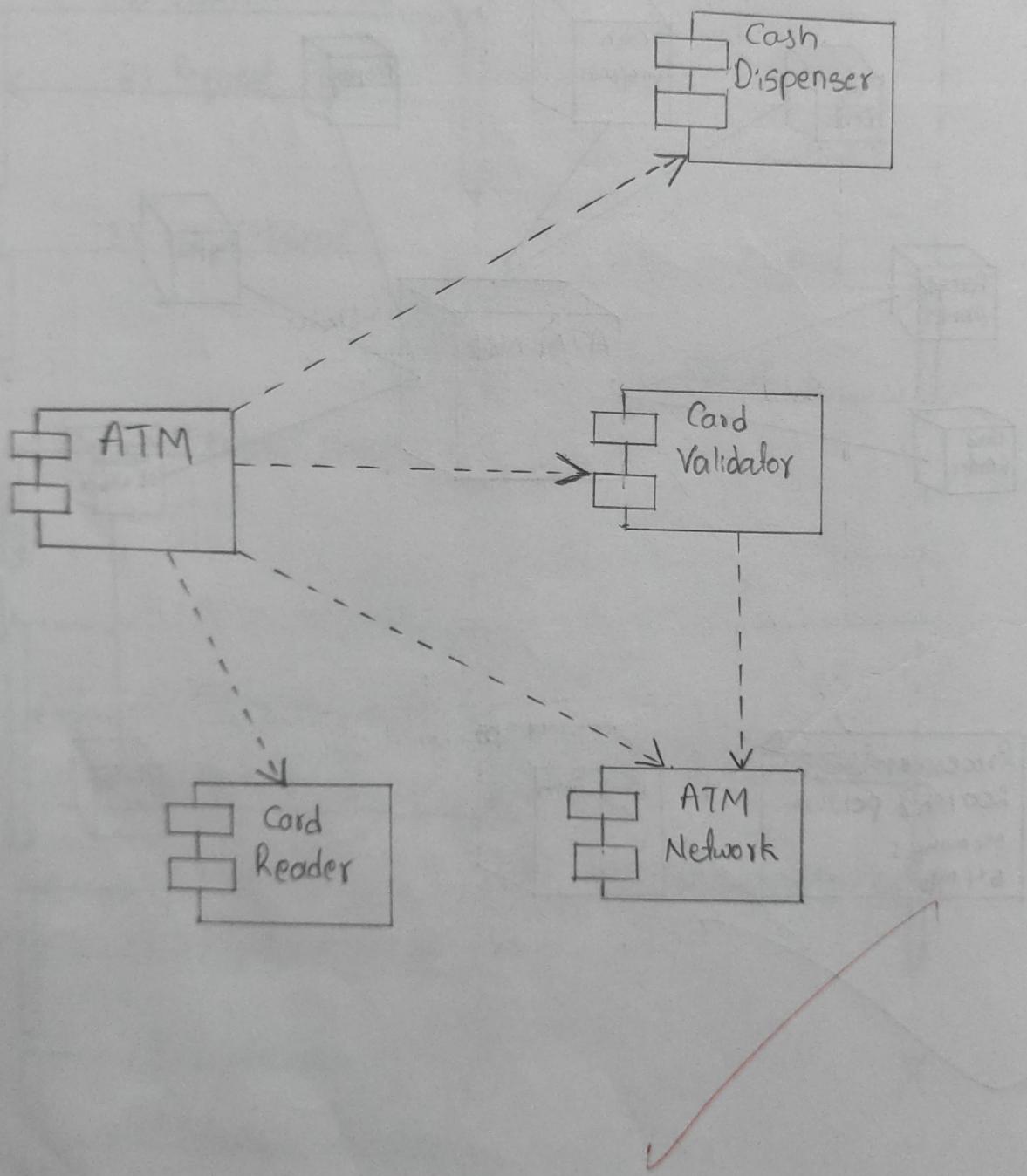
# Deployment Diagram :-

18/08/22



18/08/22

## Component :-



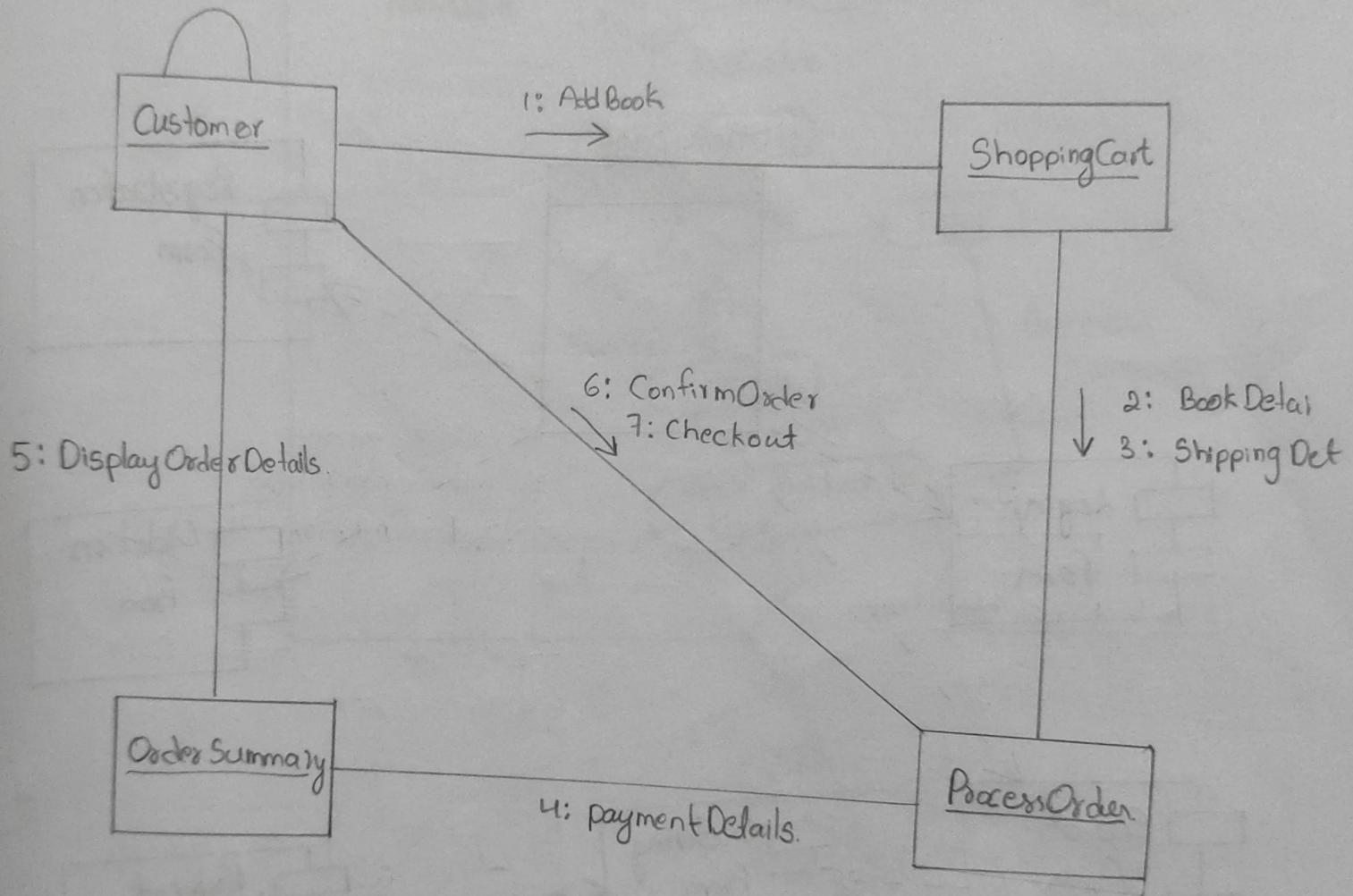
Project-II

# Online Shopping +

25/08/22

Collaboration Diagram:-

8: Logout



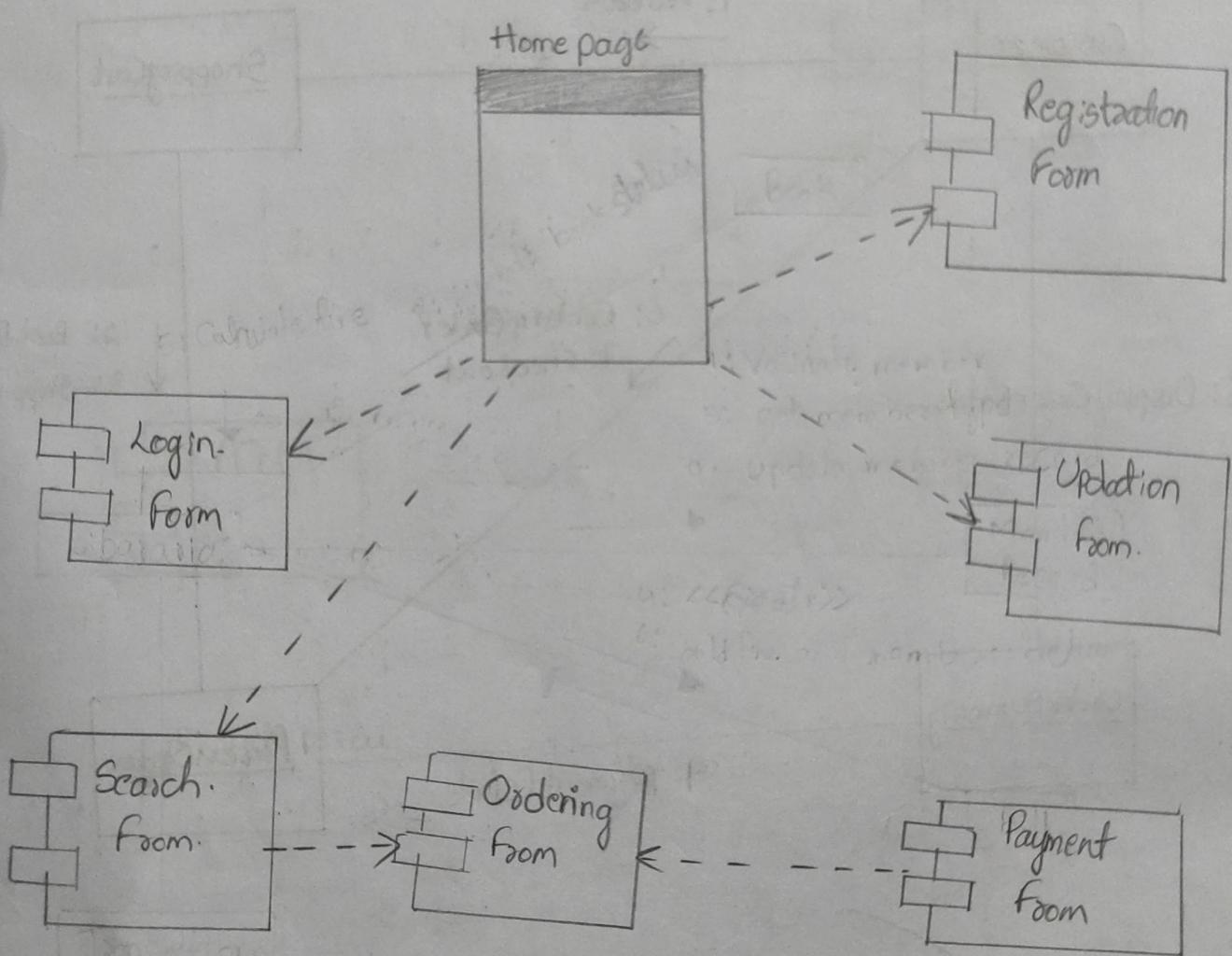
Collaboration - Diagram

(Communication Diagram)

25/8/2022

25/08/22

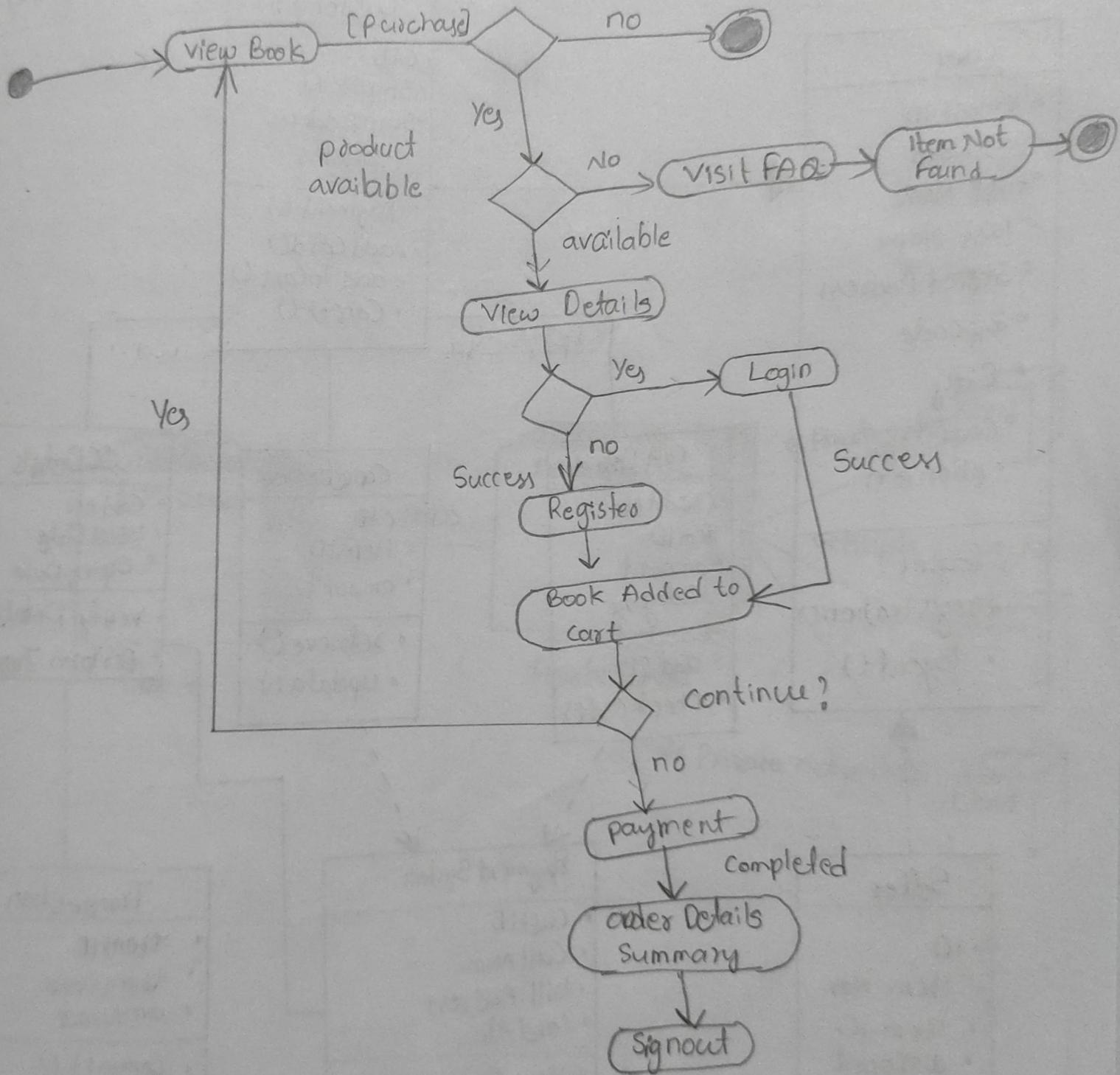
# Component - Diagram

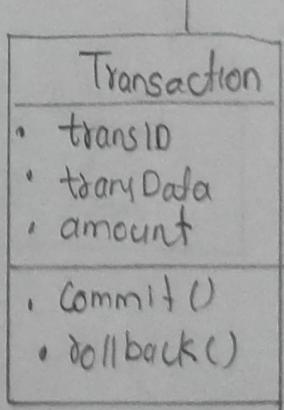
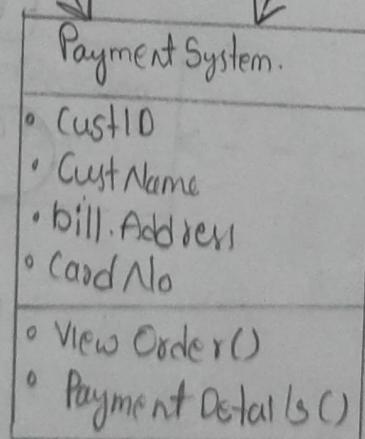
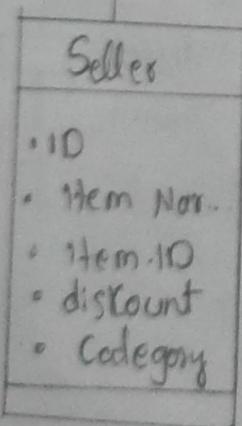
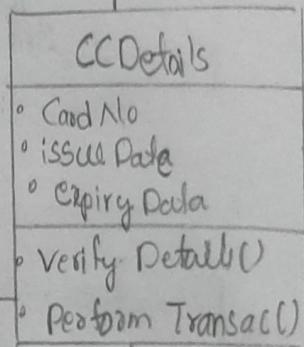
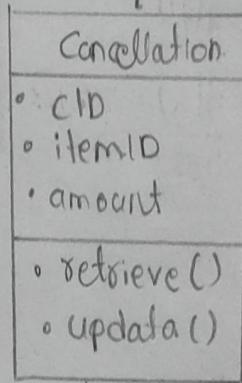
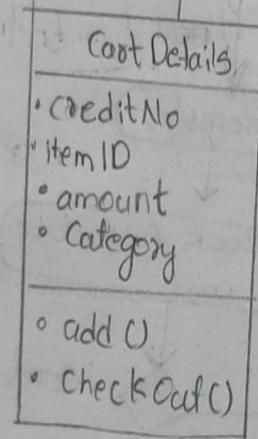
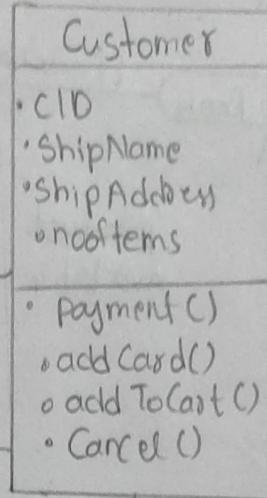
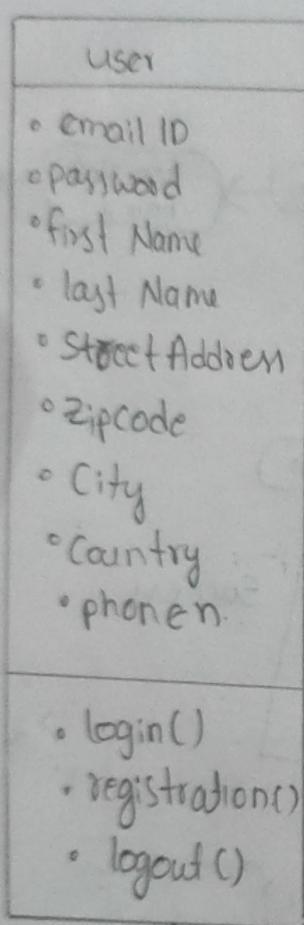


Collaboration Diagram for Library

# Activity Diagram 1-

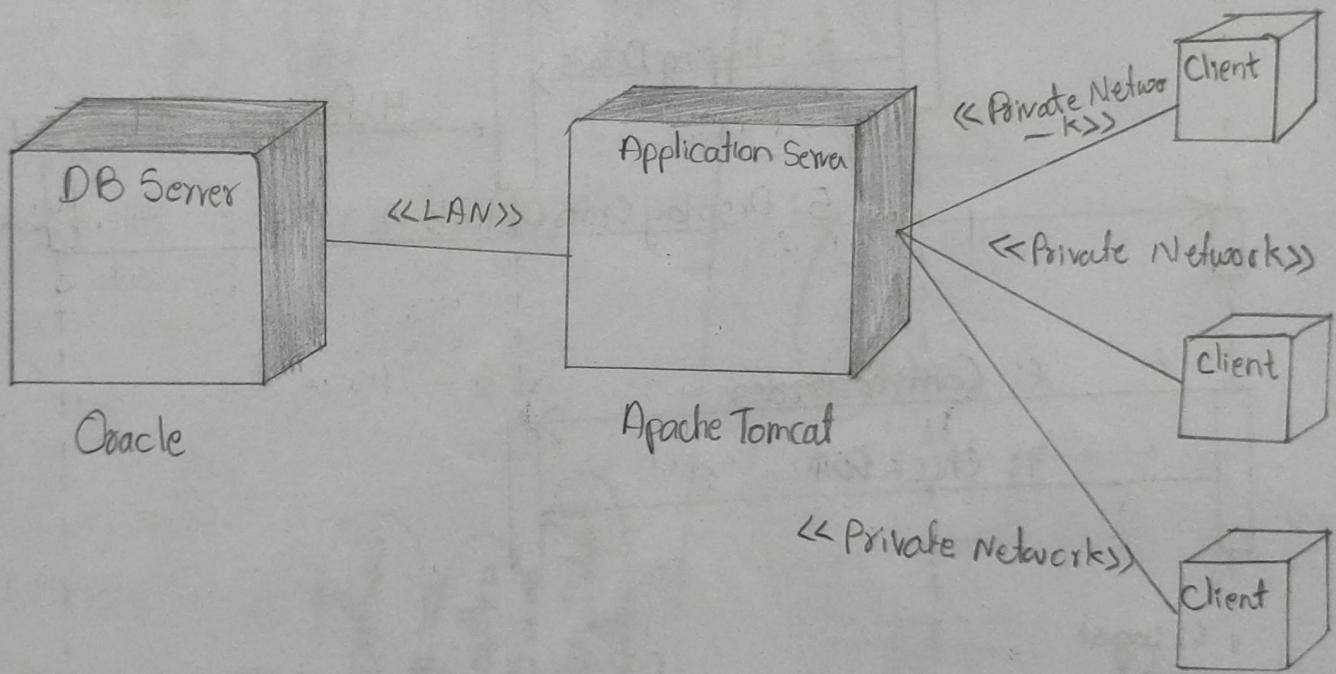
25/08/22



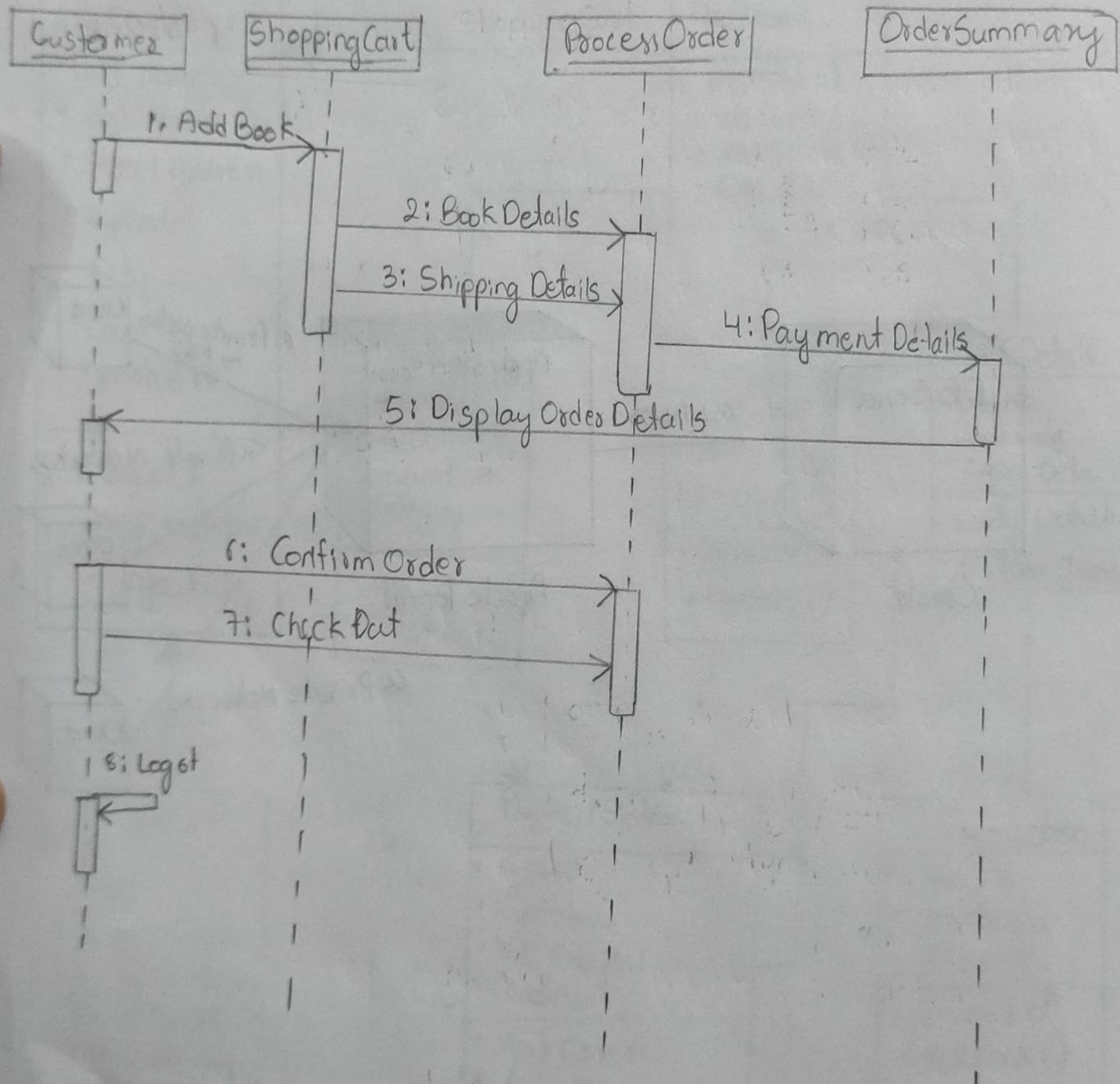
Class-Diagram :-

25/08/22

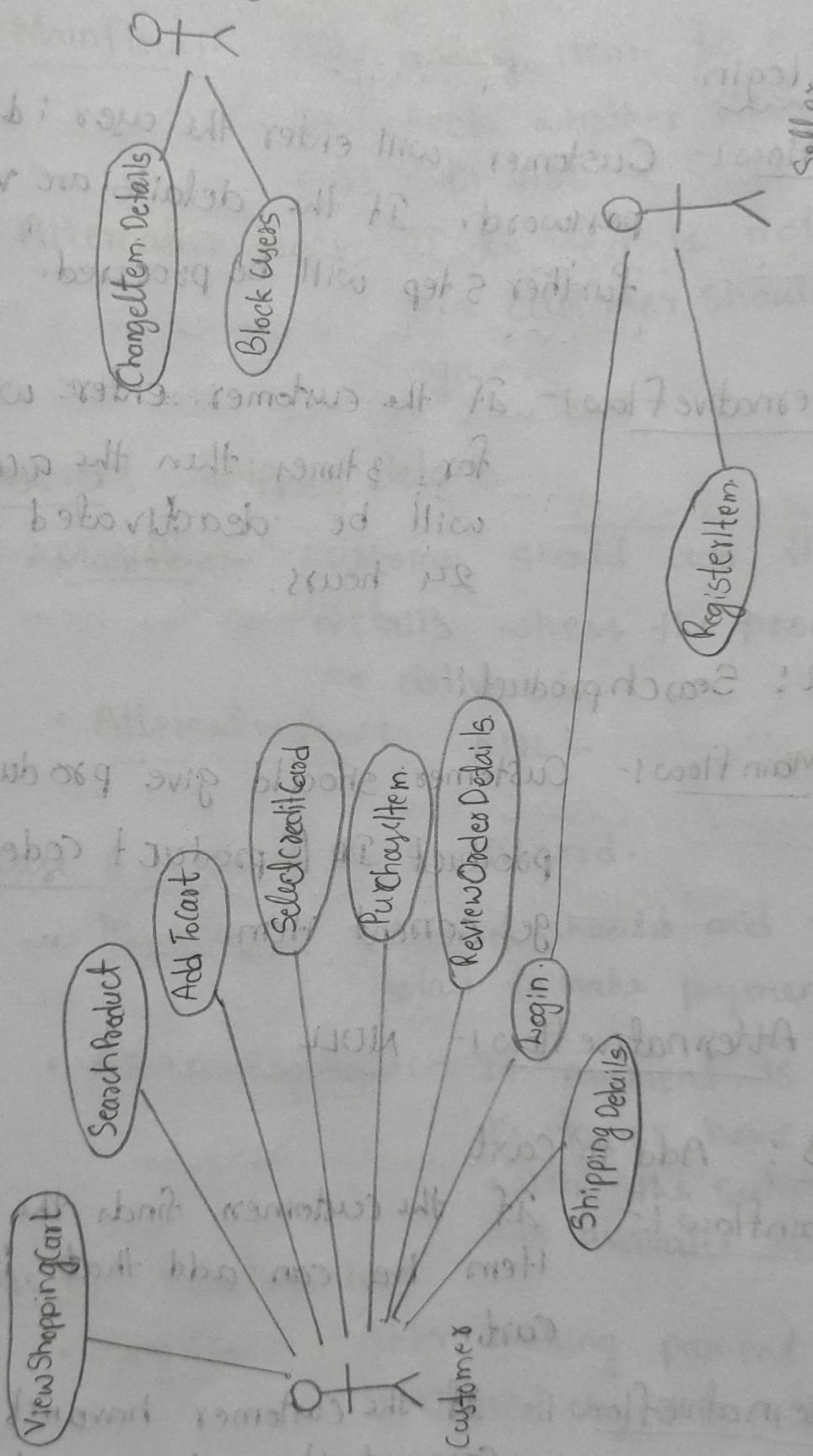
## Deployment - Diagram 1-



• Sequence - Diagram :-



## Use Case - Diagram 1 -



125/08/22

## Flow of Events :-

### 1. Customer :-

→ usecase 1 : login.

- Mainflow 1 - Customer will enter the user id and password. If the details are valid then further step will be proceeded.
- Alternative flow 1 - If the customer enter wrong details for 3 times then the account will be deactivated for next 24 hours.

→ usecase 2 : Search product :-

- Main flow 1 - Customer should give product name, product ID / product code. to get correct item.
- Alternative flow 1 - NULL

→ usecase 3 :- Add to Cart

- Mainflow 1 - If the customer finds the correct items he can add that item to cart.
- Alternativeflow 1 - If the customer haven't find the correct item he have to check

with other options available.

#### → Use Case 4:- View Shopping Cart

- Mainflow:- After adding item to cart customer can check whether item is added to cart or not.
- Alternative flow:- If the item is not added to cart then customer should add the item again.

#### → Use Case 5:- Shipping details

- Mainflow:- Customer should add the shipping details where the product should be delivered.

#### • Alternative flow:- NULL

#### → Use Case 6:- Select the Creditcard.

- Mainflow:- Customer should add the credit card detail to make payment.

- Alternative flow:- If payment is failed the customer have to check with the sufficient balance and available or not in account.

#### → Use Case 7:- Purchase item.

- Mainflow:- After making payment the item is purchased by the customer.

• Alternative flow1- If the payment is failed due to any technical issue the customer had to do payment again to purchase the product.

→ UseCase 8: Review order details

• Mainflow1- Customer can check order details whether they have entered have ordered correct item or not.

• Alternative flow1- If the customer ordered wrong item or customer can cancel or they can change the item.

→ 2. Administrator-

• UseCase 11- Change item.

• Mainflow1- If the customer want to change the item the Administrator will give the permission to change the item.

• Alternative flow1- NULL

## Use Case 2 :- Block user.

- Mainflow :- If the invalid user is accessing other user's account we can block that user.
- Alternative flow :- NULL

## Seller 1-

### Use Case 11 - Register Item.

Mainflow :- The seller will register his items in that app so that customer can buy it from the app.

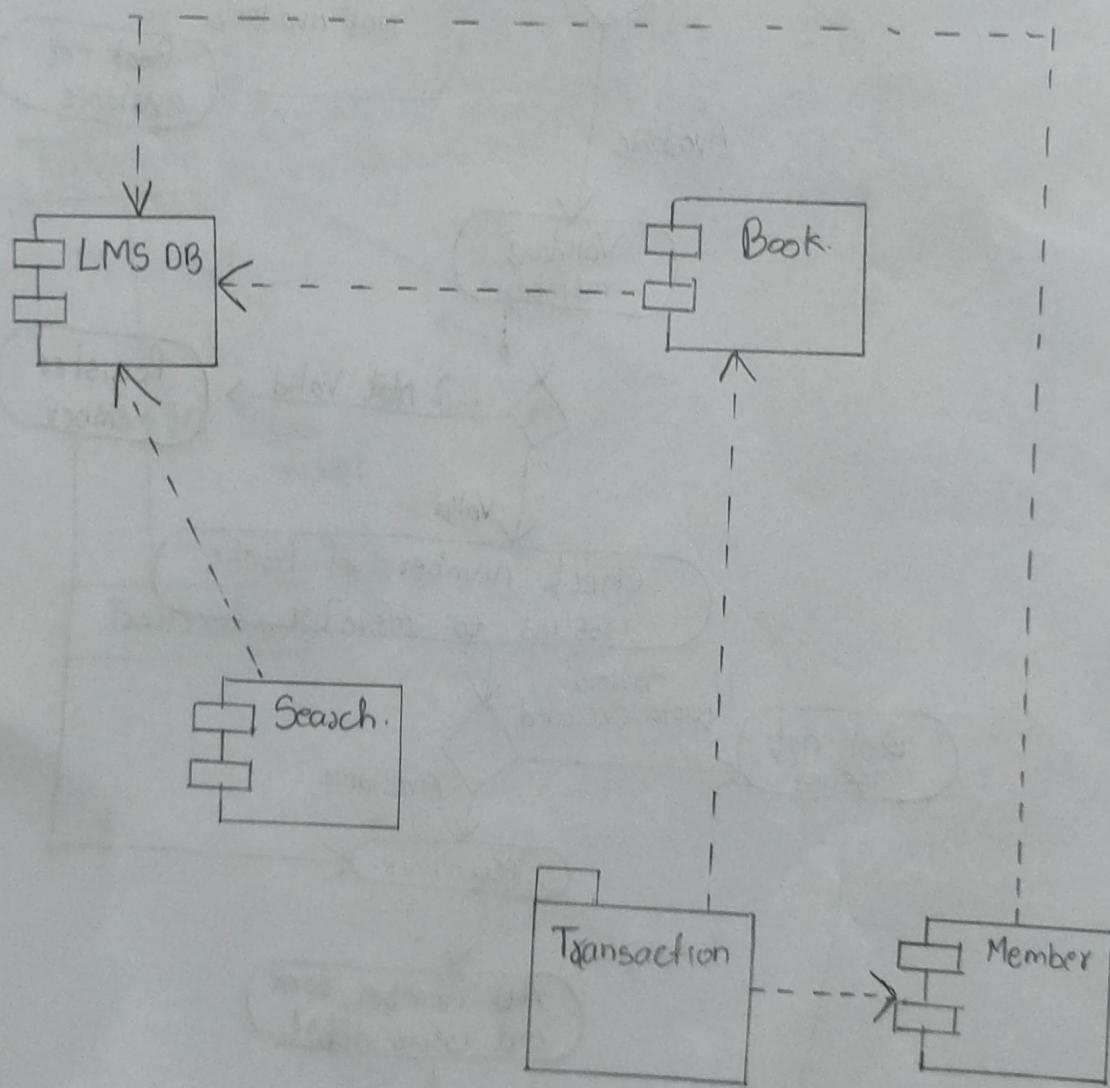
Alternative flow :- NULL.

Project-3

# Library management System

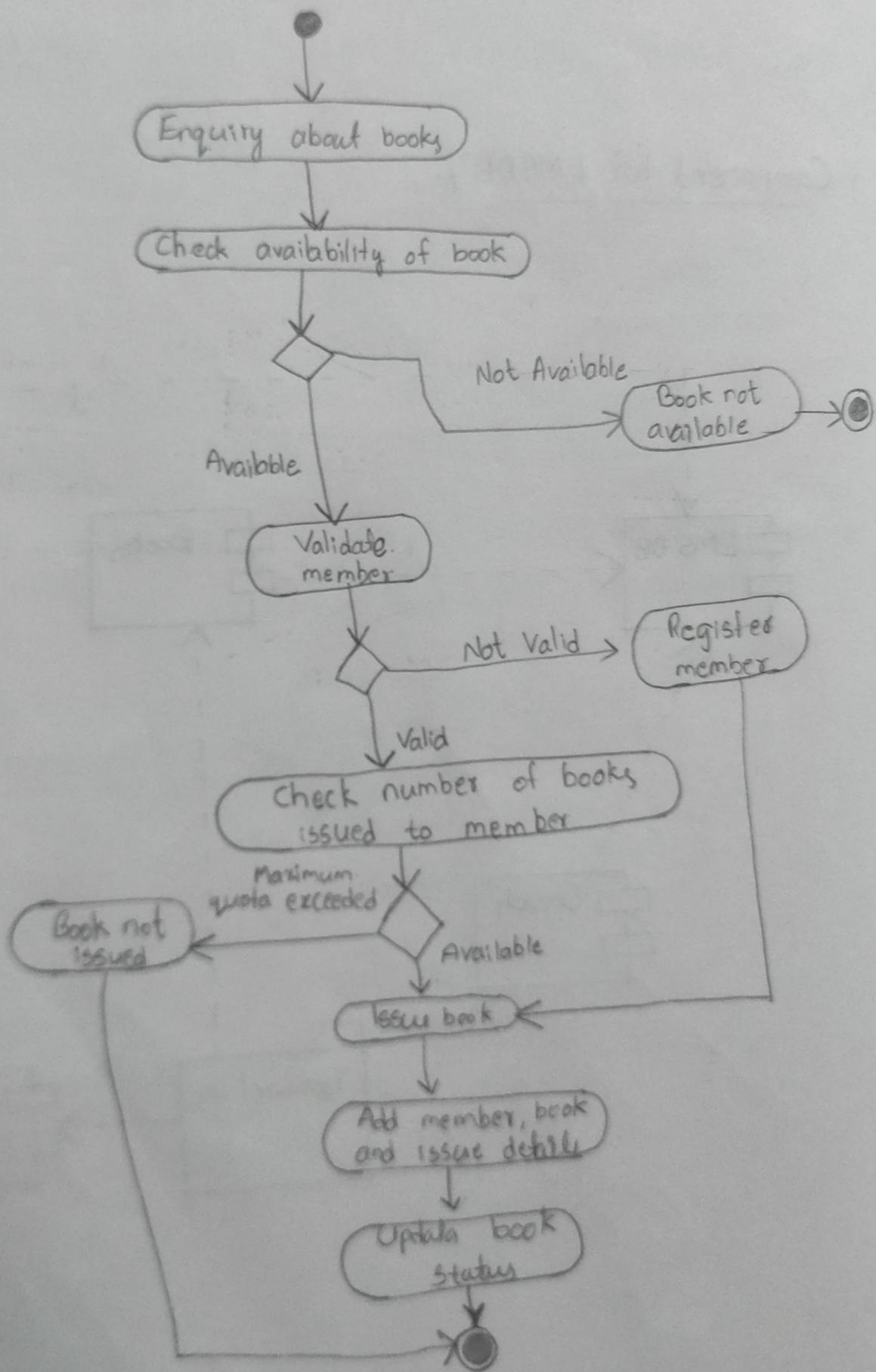
01/09/22

- Component for LMSDB :-



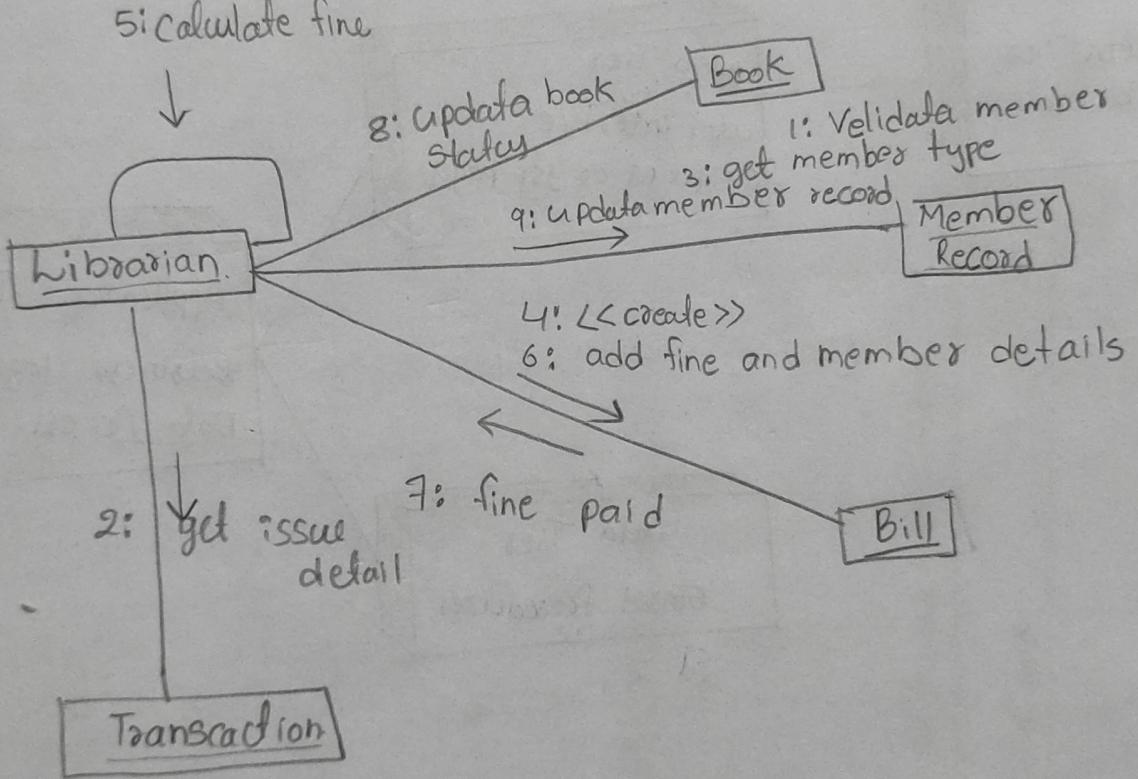
# -1 Activity Diagram:-

01/09/22

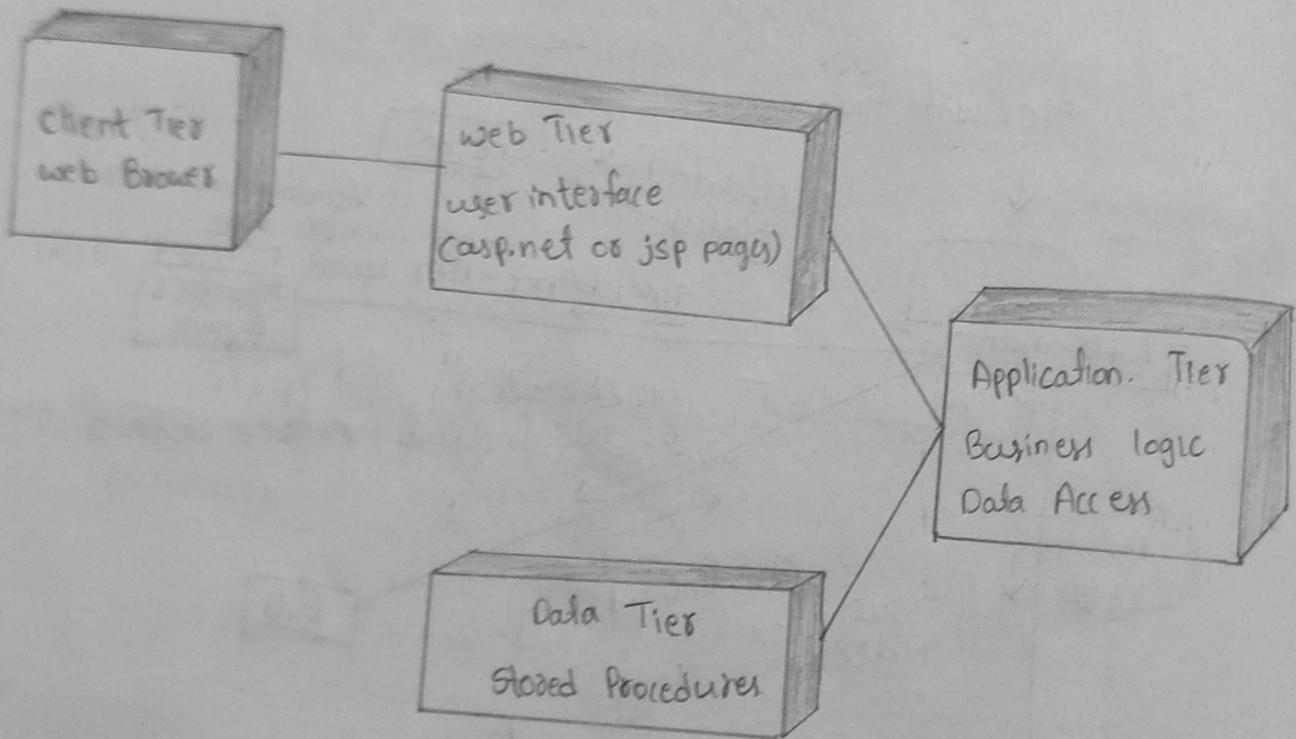


01/09/22

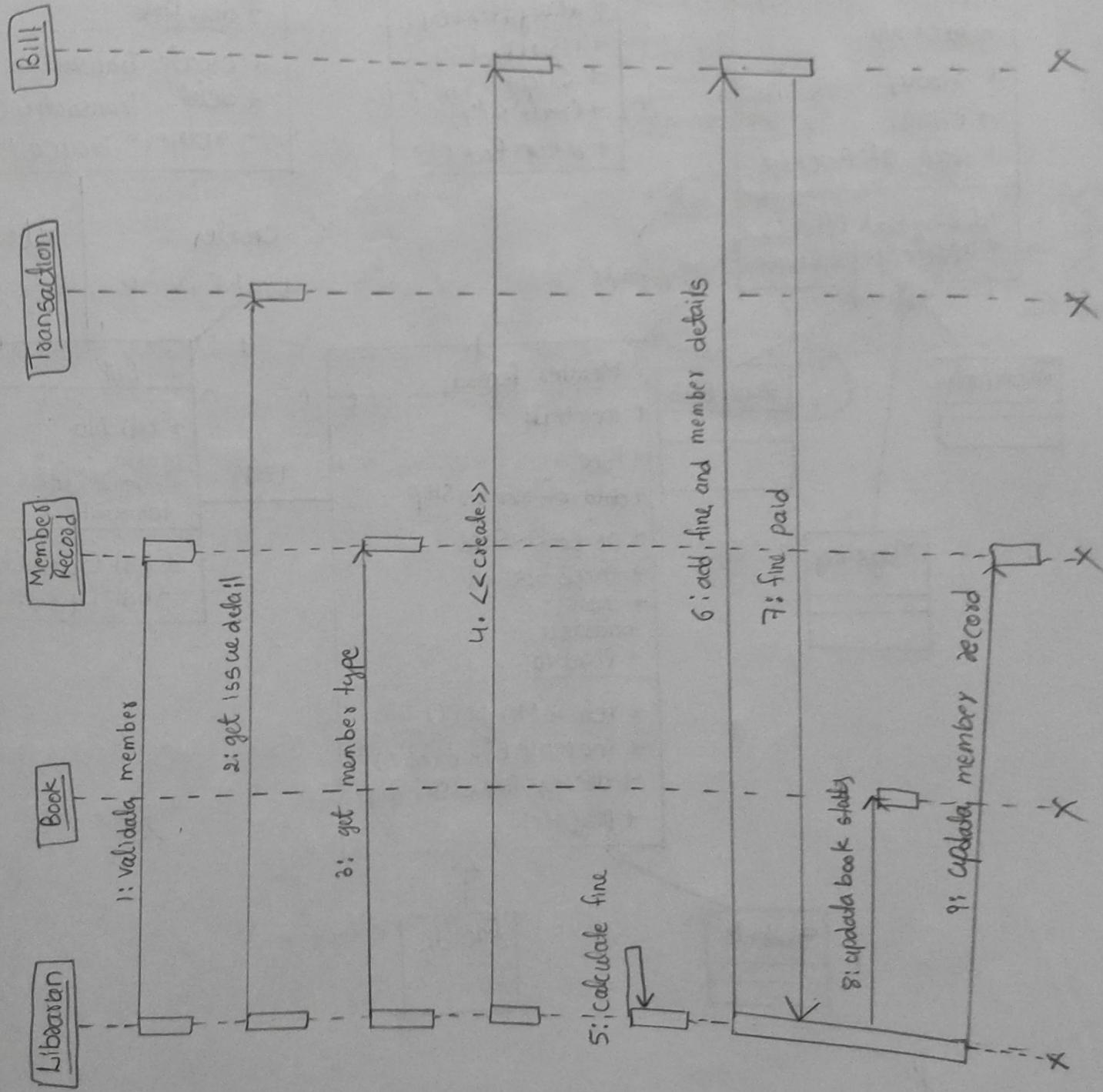
## Collaboration. - Diagram 1-



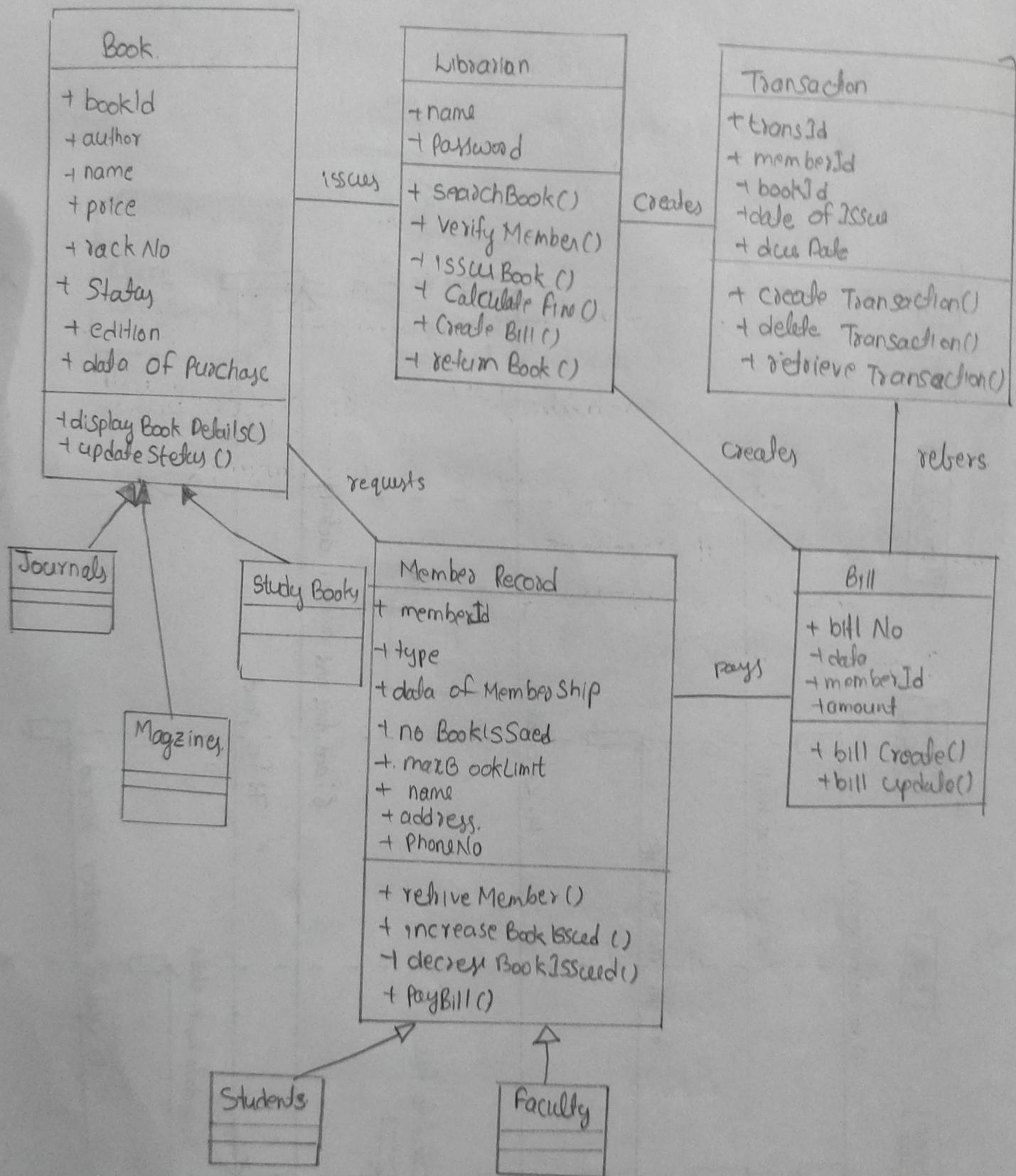
## Deployment 1



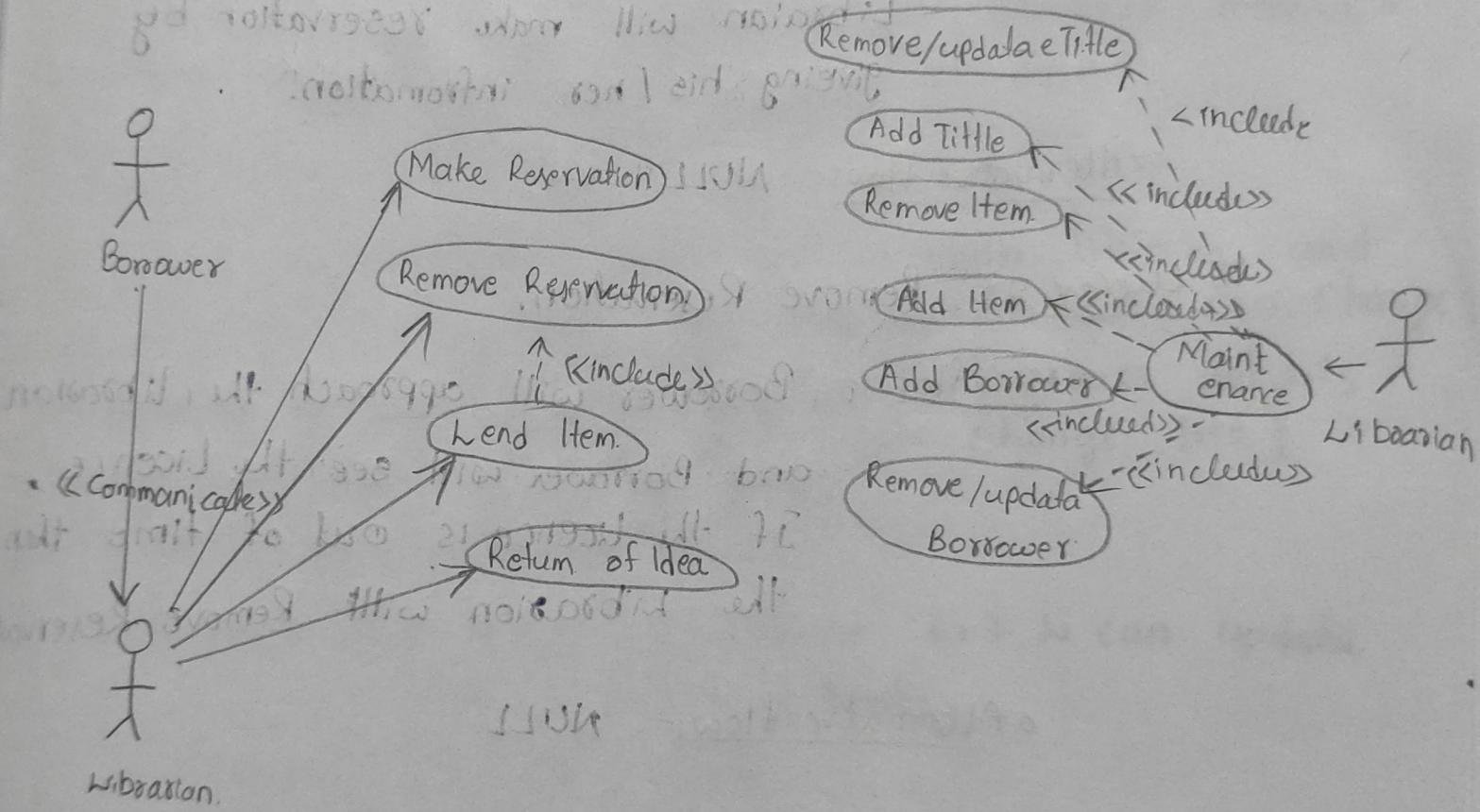
## Sequence 1-



# Class 1-



## Usercase Diagram for Librarian.



## Flow of Event

### 10. librarian

#### i. UseCase 1:- Make Reservation.

◦ Main flow:- Borrower will approach the librarian, and Librarian will make reservation by giving his / her information.

◦ Alternative flow:- NULL

#### ii. UseCase 2:- Remove Reservation.

◦ Main flow:- Borrower will approach the librarian, and Borrower will see the Licence, If the licence is out of time then the Librarian will Remove Reservation.

◦ Alternative flow:- NULL

#### iii. UseCase 3:-

◦ Main flow:- Borrower can (det) approach the Librarian to take the book from library.

◦ Alternative flow:- NULL

#### iv. UseCase 4 :- Return of Idea

→ Mainflow:- Borrower can return the books to the Librarian within the deadlines so that he can get rid of late fee.

\* Alternative flow:- {NULL} or If the borrower not able to return the book within the deadline suspend to pay late fee.

#### v. UseCase 5 :- Maintenance

• Mainflow:- Librarian will maintain library and he is the only person who can change little, item and borrower details {Person who can change litt}.

#### vi. UseCase 6 :- Remove / update a title

→ Mainflow:- Librarian can remove & he can update the title of a book.

• Alternative flow:- NULL.

#### vii. UseCase 7 :- Add a title

→ Mainflow:- Librarian can add a title to the book.

• Alternative flow:- NULL

#### viii. UseCase 8 :- Remove Item

• Mainflow:- Librarian will remove item from the library.

• Alternative flow:- NULL

ix. usecase 91 - Add Item

main flow - librarian can add item to the library.

Alternative flow - NULL

x. usecase 101 - Add Borrower

main flow - librarian can add book borrower

Alternative flow - NULL

xi. usecase 111 - Remove update borrower

main flow - librarian can remove borrower (or) update borrower details.