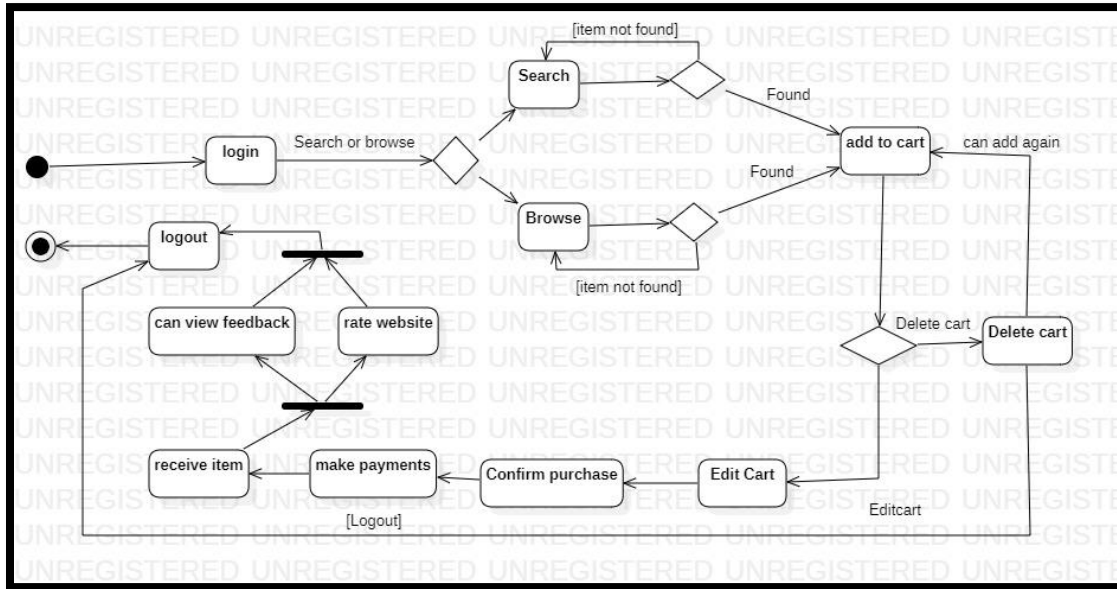# LAB: 04

EXERCISES 1.

Draw activity diagram for Online Shopping with standard steps. (activities would be Login, Search, Browse, add to cart, edit cart, delete cart, Confirm purchase, make payments, receive item, rate website and logout.
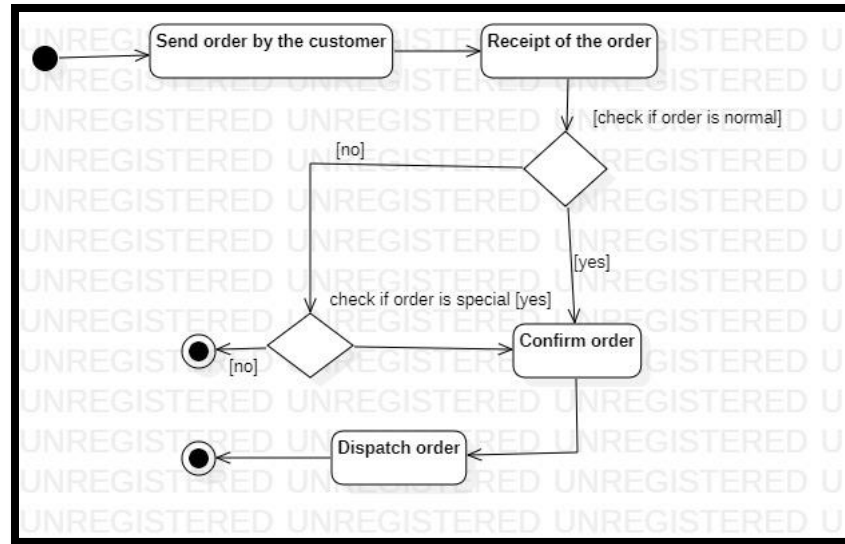

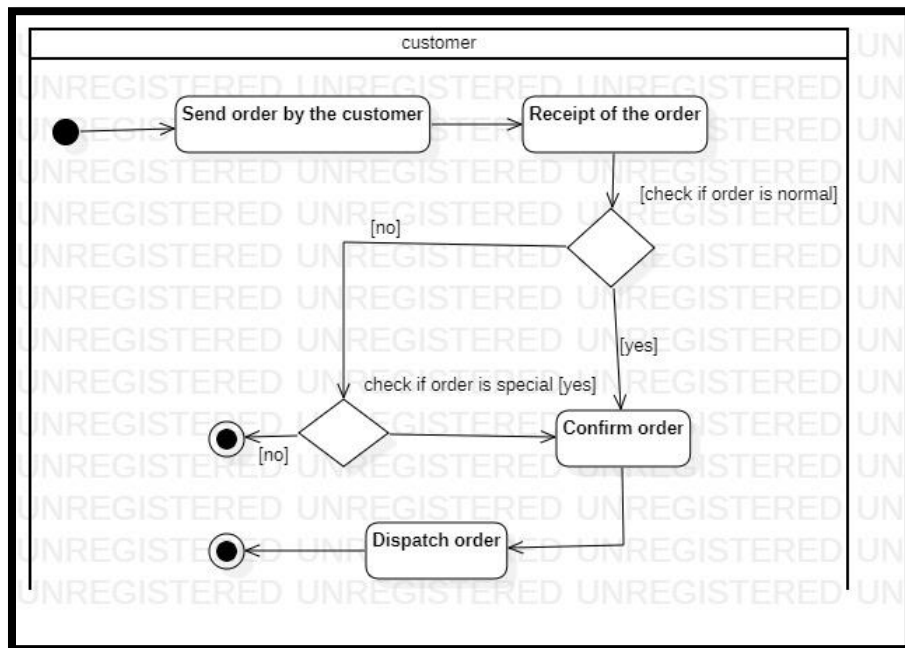2. Draw activity diagram for order management system.

In the diagram four activities are identified which are associated with conditions. The following diagram is drawn with the four main activities:

- Send order by the customer

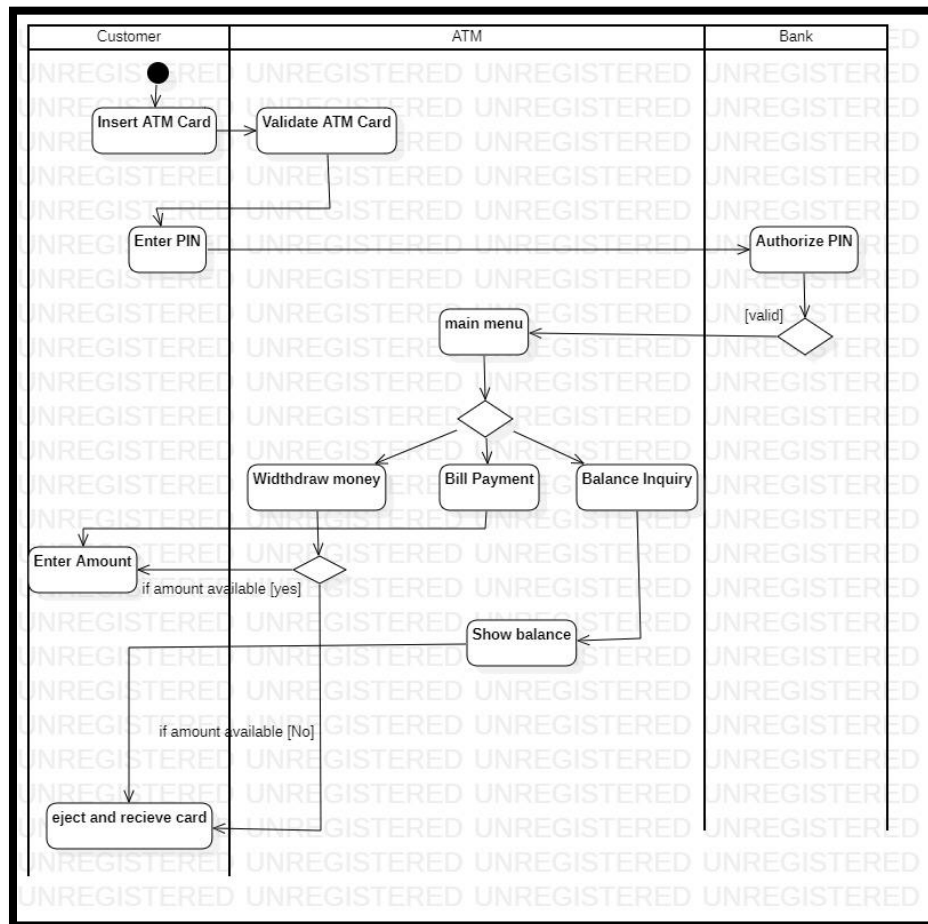- Receipt of the order

- Confirm order

- Dispatch order

After receiving the order request condition checks are performed to check if it is normal or special order. After the type of order is identified dispatch activity is performed and that is marked as the termination of the process.

3. Re-draw order management system with the implementation of swimlane.

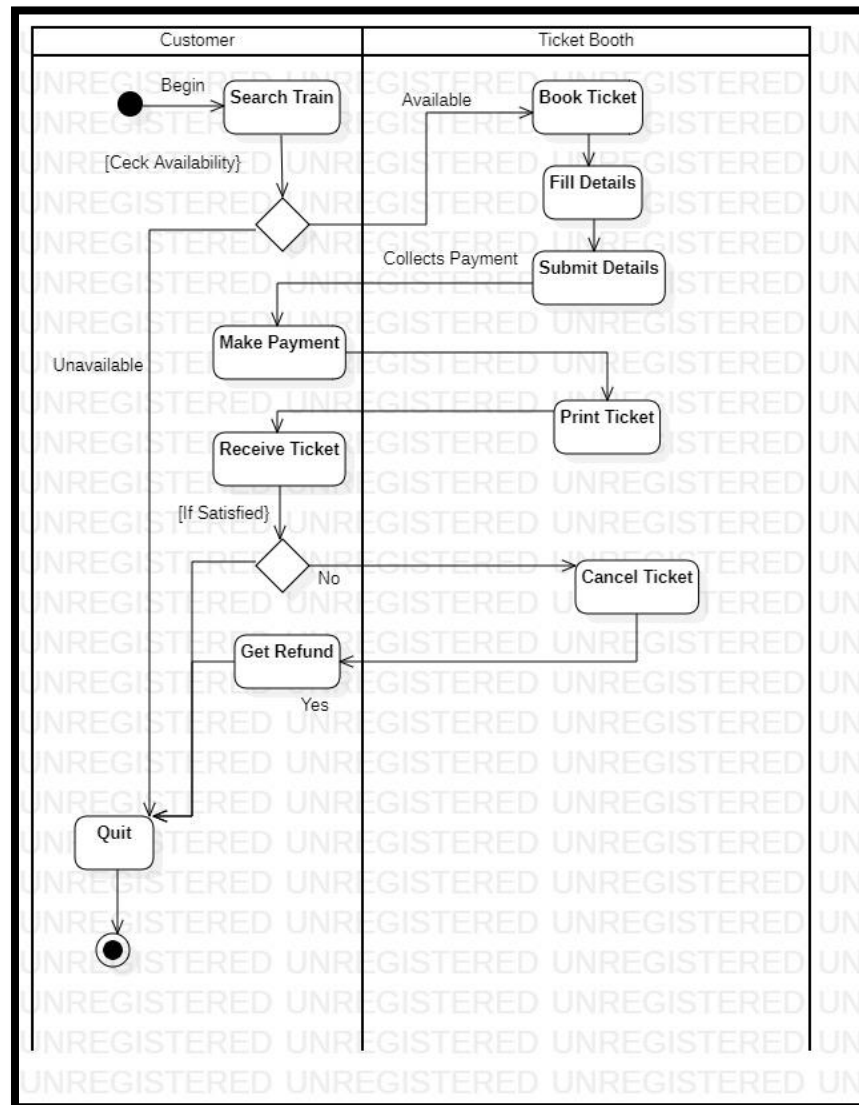4. Draw the activity diagram of ATM system with the implementation of swimlane

Draw activity diagram of online railway reservation

The two actors would be a customer and a ticket counter having following activities.

• Search train

• Check availability of train (if yes go to book ticket, if no go to quit)

• Quit

• Book ticket

• Fill details

• Submit details

Saad Ali Hafiz
18B-025-SE-A

- Make payment

- Print Ticket

- Cancel ticket

- Get refund

2. Draw activity diagram of patient management system having two actors Receptionist and Doctor. (e.g Appointment Management System)