Assignment-1

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Course Code : CSE 3411

Course Title   : System Analysis and Design
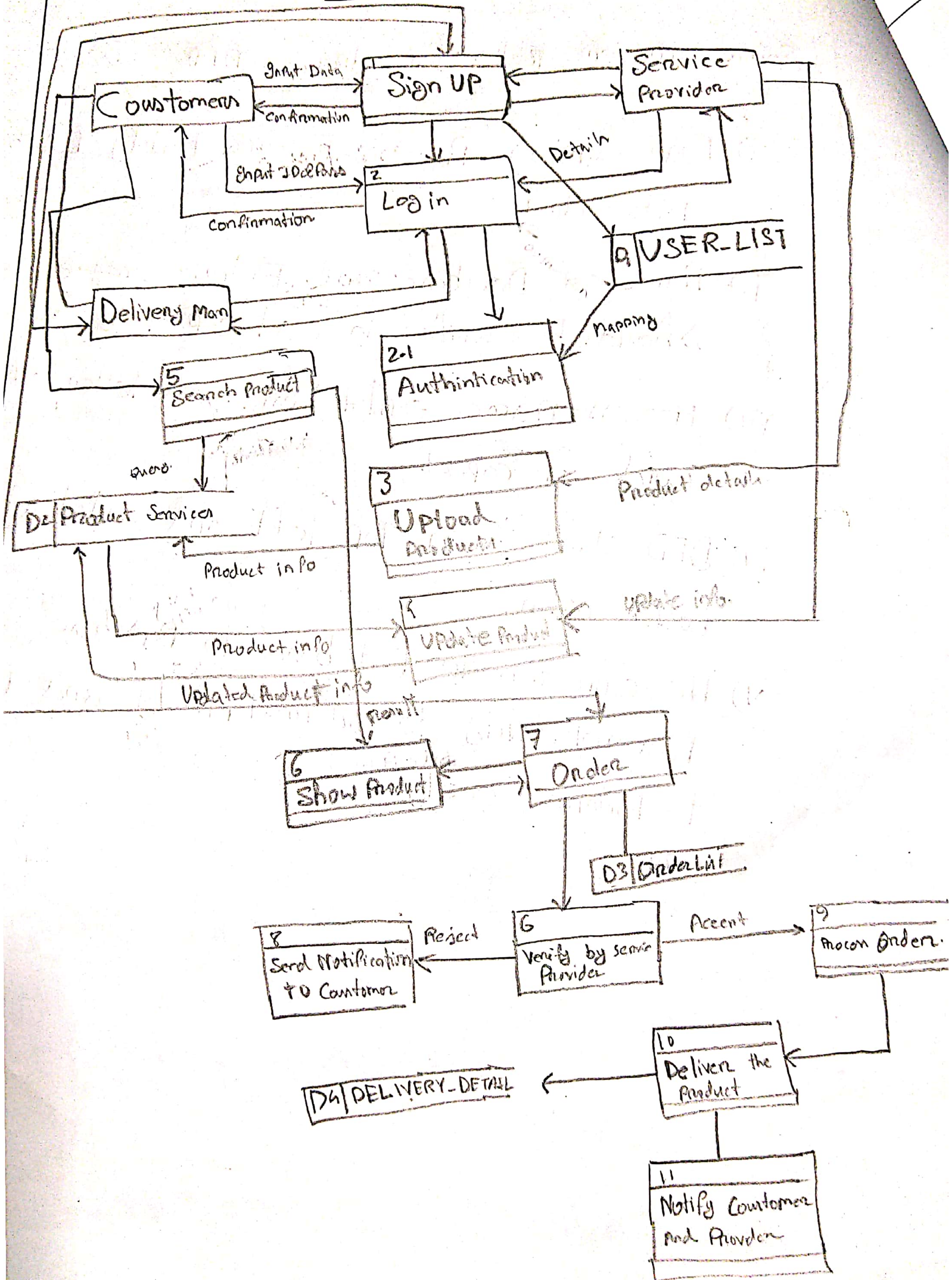
Section   : A

Date   : 22/ 11/2022

Ans to the Q-1

Some major rules for drawing DFD

i) Four Symbols: Process, External Entity, Database, Data flow.

ii) Name of Database and External ~~entiy~~ entity should be written in all capital letters.

iii) Process name, ~~contail~~ First. ~~word~~ letter of each word is capital.

iv) DFD start form Top left and ended at Bottom Right.

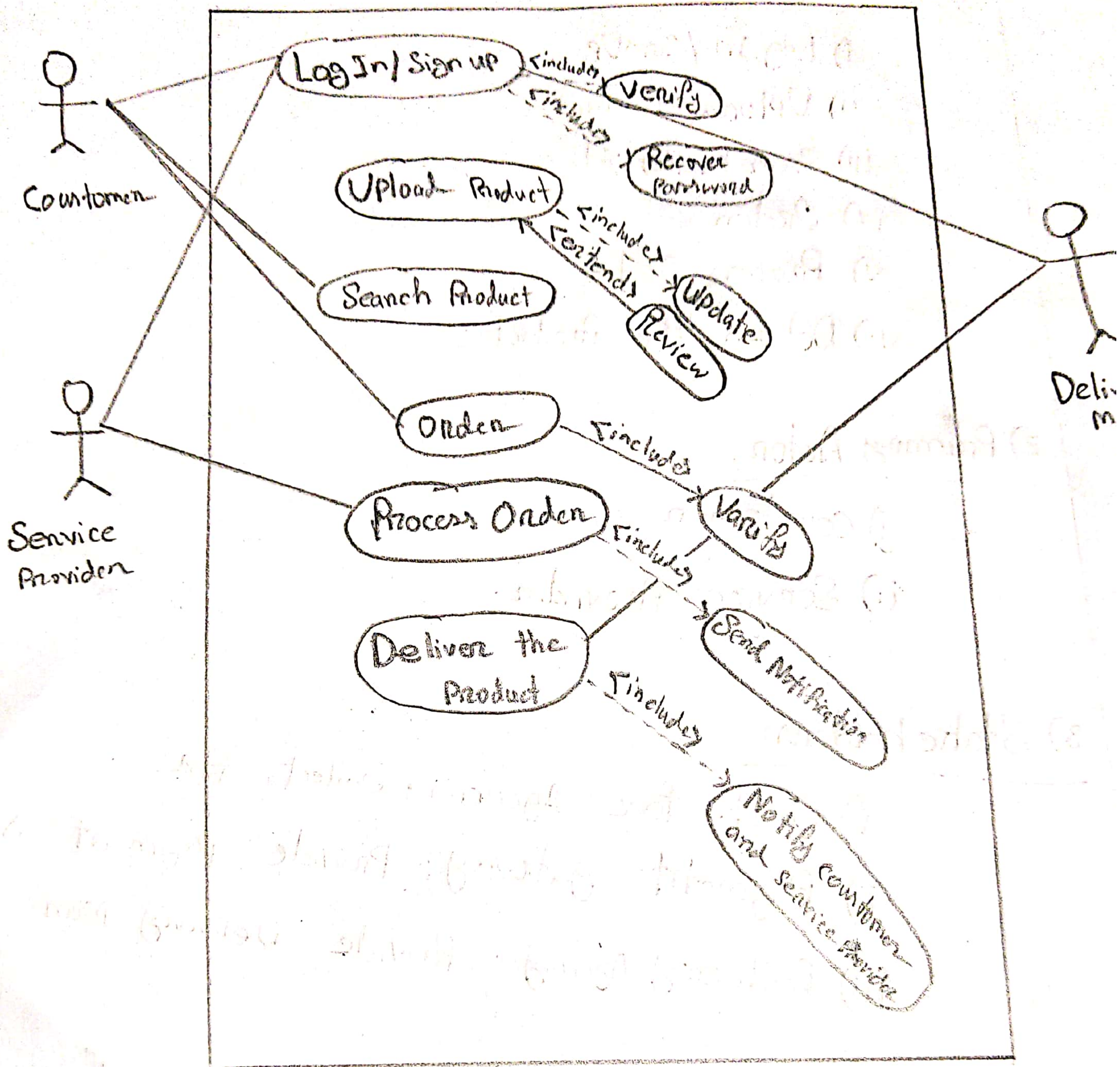v) No connection to Database to Database, External entity to External Entity and Database to External entity.

Customers

Sign UP

Service Provider

Input Data

Confirmation

Details

Input Details

2
Log in

Confirmation

9 USER_LIST

Mapping

Delivery Man

5
Search Product

2-1
Authintication

Query

D1 Product Services

Product details

3
Upload Products

Product info

update info

Product info

Update Product

Updated Product info

result

6
Show Product

7
Order

D3 Order List

8
Send Notification to Customer

Reject

6
Verify by service Provider

Accept

9
Process Order

10
Deliver the Product

D4 DELIVERY_DETAIL

11
Notify Customer And Provider

Ans to the Q-3

1) Use case number and name:

   i) Log In / SignUp

   ii) Upload Product

   iii) Search Product

   iv) Order

   v) Process Order

   vi) Deliver the Product.

2) Primary Actor:

   i) Customer

   ii) Service Provider.

3) Stakeholder:

   i) Govt. tax Agencies: Collect tax

   ii) Payment gateway: Provide Payment service.

   iii) Delivary Agency: Provide Delivary man.

4) Pre condition:

   i) Service Prowider have to log in successfully and upload some Product for sell.

5. Success Scenario:

i) * Customer Search a Product.

ii) Order that Product.

iii) If the order do not reject by the service Provider then send it for Process if reject then notified the customer.

iv) Delivary man delivered the Product and notify customer and service Provider.

6. Alternate Scenario:

i. * At any time whole system can fail.

ii. Service Provider to do not update the inventory but customer successfully order a Product.

iii. Service Provider send Product for Processing but Customer cancel the order.

iv) delivary man delivered the Product but non of them get any notification.

7) Post Condition:

i) Update inventory after successfully order a Produ

ii) Customer and Service Provider receive a notific

Ans to the Q-5

Customer	Service Provider	Delivary Man

Customer:
- Start
- Log In/SignUp
- Search Product
- Order

Service Provider:
- LogIn/Signup
- UpLoad Product
- Update Item? (Yes / No)
- Update Inventory
- Inventory
- Found? (Y)
- Show Product
- Check Order Completeness
- Order Complete? (Yes / No)
- Process Order
- Notified Customer

Delivary Man:
- Deliver Product
- Delivered? (Yes / No)
- Notified Customer and Service Provider
- END