**ReStokTeka**

**Flow charts  
i) General**

Generate inventory

Process finished goods

Output Inventory

Finished goods=Fin

Fin = quantity<10

Is quantity>10?

Output “restock goods (Item)”

Serial No=N

N=n+1

N

Y

**ii) Items**

Output Inventory

Sold= T – n  
profit= S.P – B.P  
Total profit= p\*s

Is quantity<10?

Output   
Total profit  
Item name

Serial No=i

i=i+1

Display Item details  
1. Item Name  
2. Serial No  
3. Quantity  
4. B.Price  
5. S.Price

Select item  
Quantity= n  
n= n + 1

Sold= T – n  
profit= S.P – B.P  
Total profit= p\*s

**Key**

T= total quantity of items  
n= remaining quantity   
s= sold items

Y

N

**iii) Supplier**

Output  
Items

View process

Update items

Item details

Output  
Suppliers

View process

Update supplier details

Supplier details

Output  
Item categories

View process

Update item categories

Item category details

Output  
report

Contact supplier  
Place order

**iv) log in**

Output   
Login

Authentication

Output   
Dashboard

N

Y

**Sequence diagram**

**User**

**Server**

**Supply database**

**Stocks database**

**Stock management system**

Process report

Process Transaction

Need more supply?

Not enough stock

Contact supplier

You may log out

Enough stock

Check stock/inventory

If account doesn’t exist

Account not registered

Can’t proceed

Proceed

Login account

Verify account

Account verified

**Designs**





