**Class Diagram**

Purchase bill

Pb\_no : int

Pb\_date :date

Sup\_ID: int

PurchaseBill()

getPbill()

putpBill()

Supplier

Sup\_ID : int

Sup\_name:string

Address: string

Contact\_no:int

Supplier()

getSupplier()

putSupplier()

1..\* to 1..\*

Purchase Order

Po\_no : int

Po\_date :date

Sup\_ID: int

PurchaseOrder()

getPbill()

putpBill()

1..\* 1..\*

to pay

1..\* 1

Shop

Shop\_no : int

Shop\_name:string

Address: string

Contact\_no:int

Shop()

getShop()

putShop ()

Product

Pro\_ID : int

Pro\_name:string

Pro\_type : string

Pro\_rate: string

Product()

getProduct()

putProduct()

1..\*

Purchase bill

Cust\_ID : int

Cust\_name:string

Address: string

Contact\_no:int

PurchaseBill()

getPbill()

putpBill()

1..\* gives 1 1 has 1..\*

Stock Transaction

Tr\_no : int

Tr\_date : date

Issue/Receipt\_date:

date

StockTransaction()

getStransaction ()

putStransaction()

1 1 1..\*

pay Sales to

1..\* 1..\*

Sale Bill

Sb\_no : int

Sb\_date :date

Cust\_ID: int

SaleBill()

getSbill()

putSBill()

1..\* maintain