

# DBMS Project

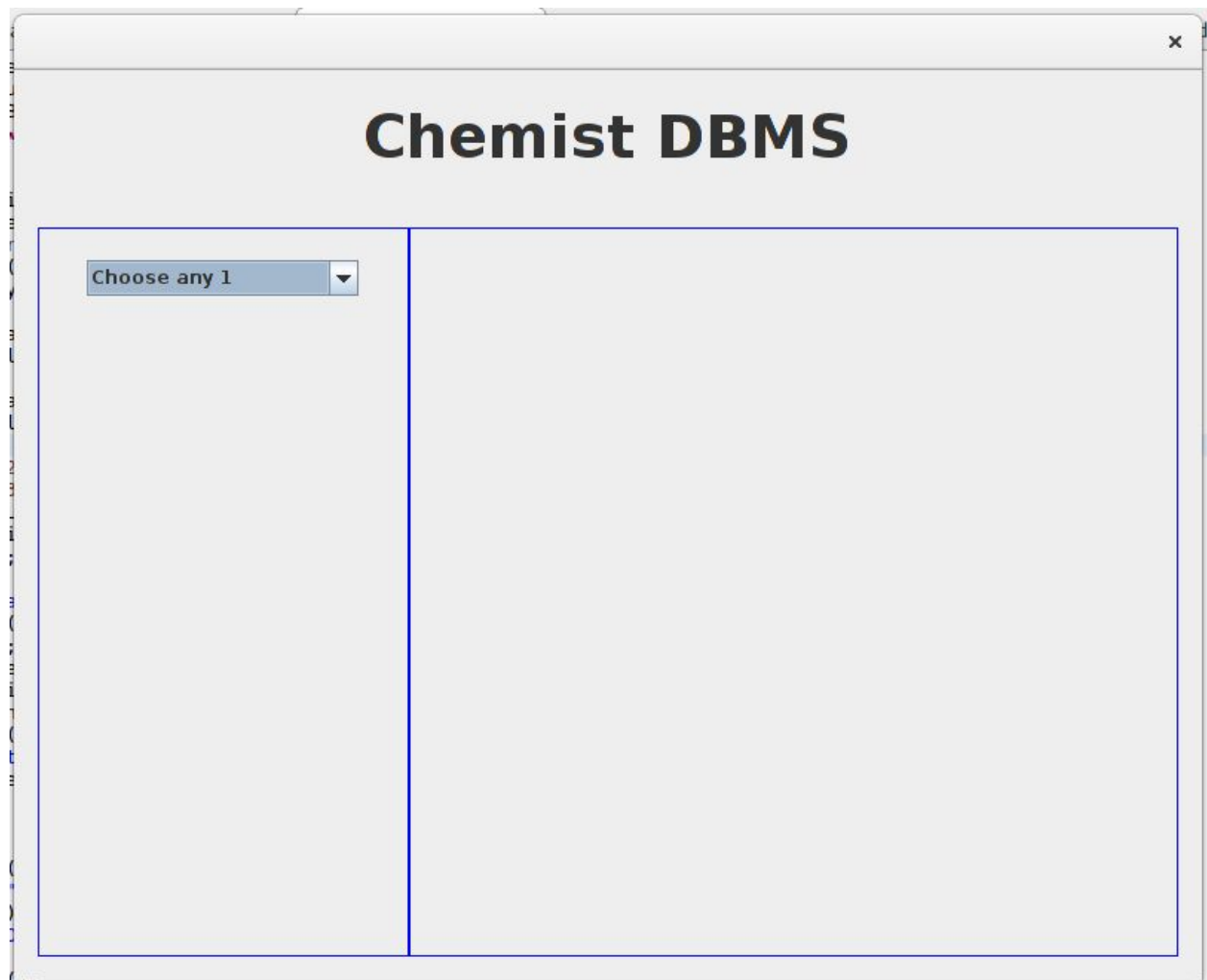
## Team Members:

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**Quantity Count:** 10(Mentioned Below)+5(Basic add queries for assistance in adding data to the DBMS)

## Initial Screen:



## Creating Purchase Transaction

# Chemist DBMS

**Purchase** ▼

Distributor Id

Drug Id

Quantity

Submit   Reset   Cart

Give Med Name  Find

Drug Name	Drug Id	Quantity
Augmentin 625mg	Drug1	50
Oxycodone	Drug2	30
Ring Gaurd	Drug3	20

```
mysql> Select * from Purchase;
```

Date	Purchase_ID
2017-04-15	Pur1

1 row in set (0.00 sec)

```
mysql> Select * from Supplies;
```

Quantity	Purchase_ID	Distributor_ID	Drug_ID
50	Pur1	Dist1	Drug1
30	Pur1	Dist1	Drug2
20	Pur1	Dist1	Drug3

3 rows in set (0.04 sec)

```
mysql> Select * from Drug1;
```

Type	Cost_Price	Stock	Drug_ID	Name	Discount	MRP	Company_ID	Expiry
Antibiotic	80	50	Drug1	Augmentin 625mg	3	120	Comp1	02/19
Ayurvedic	250	0	Drug10	Patanjali Honey 500g	2	280	Comp6	08/19
Painkiller	40	30	Drug2	Oxycodone	5	140	Comp2	02/18
Antifungal	30	20	Drug3	Ring Gaurd	2	40	Comp3	07/17
Cosmetics	20	0	Drug4	Herbal Facewash	7	200	Comp4	08/19
Antibiotic	40	0	Drug5	Bactrim 250mg	2	250	Comp2	12/19
Painkiller	50	0	Drug6	PainAttack 200mg	5	150	Comp2	11/19
Cosmetics	100	0	Drug8	Lakme Moisturiser	3	250	Comp5	06/19
Antibiotic	55	0	Drug9	Clavam 150mg	6	200	Comp2	07/19

9 rows in set (0.00 sec)

"SELECT \* FROM Purchase ORDER BY Purchase\_ID DESC LIMIT 1"

"SELECT \* FROM Distributor WHERE Distributor\_ID='"+DistributorId.getText()+"'"

"INSERT INTO Purchase Values(curdate(),"+","?")"

"INSERT INTO Supplies Values("+Quantity.toString()+",?,?,?)"

"UPDATE Drug1 SET Stock = Stock + "+Quantity.toString()+ " WHERE Drug\_ID=?"

"SELECT \* FROM Drug1 WHERE Drug\_ID='"+medname+"'"

"SELECT \* FROM Drug1 NATURAL JOIN Drug2 Where Drug1.Name LIKE \"%"+name+"%\""

Physical location about where medicine is present

Chemist DBMS

Find

▼

Reset

Give Med Name

DrugId	Name	Quantity	Price	Location
Drug1	Augmentin 625mg	50	120	Drawer 2

"SELECT \* FROM Drug1 NATURAL JOIN Drug2 Where Drug1.Name LIKE \"%"+name+"%\""

Identifying medicines which are going to expire

Chemist DBMS

Expiry

DrugId	Name	Quantity	Price	Location	Expiry
Drug3	Ring Gaurd	20	40	Drawer 10	07/17

```
SELECT * FROM Drug1 NATURAL JOIN Drug2
```

Create Purchase order for coming month

Chemist DBMS

Purchasing Assistant ▼

Drug_ID	Quantity
Drug10	16
Drug4	16
Drug5	16
Drug6	16
Drug8	16
Drug9	16

```
SELECT Drug_ID,(SELECT AVG(Stock) FROM Drug1)+5-Stock AS 'stocko' FROM Drug1 WHERE  
Stock<(SELECT AVG(Stock) FROM Drug1)+5
```

## Creating Sale Transactions

Chemist DBMS

Sale

▼

Employee Id

Cust Id

Doctor Id

Med1

Quantity1

Submit

Reset

Cart

Give Med Name

Find

DrugId	Name	Quantity	Price
Drug1	Augmentin 625mg	20	2328.0
Drug2	Oxycodone	10	1330.0
Drug3	Ring Gaurd	5	196.0

Current Cost

```
mysql> mysql> Select * from Drug1;
```

Type	Cost_Price	Stock	Drug_ID	Name	Discount	MRP	Company_ID	Expiry
Antibiotic	80	30	Drug1	Augmentin 625mg	3	120	Comp1	02/19
Ayurvedic	250	0	Drug10	Patanjali Honey 500g	2	280	Comp6	08/19
Painkiller	40	20	Drug2	Oxycodone	5	140	Comp2	02/18
Antifungal	30	15	Drug3	Ring Gaurd	2	40	Comp3	07/17
Cosmetics	20	0	Drug4	Herbal Facewash	7	200	Comp4	08/19
Antibiotic	40	0	Drug5	Bactrim 250mg	2	250	Comp2	12/19
Painkiller	50	0	Drug6	PainAttack 200mg	5	150	Comp2	11/19
Cosmetics	100	0	Drug8	Lakme Moisturiser	3	250	Comp5	06/19
Antibiotic	55	0	Drug9	Clavam 150mg	6	200	Comp2	07/19

```
9 rows in set (0.00 sec)
```

```
mysql> Select * from Sells;
```

Sale_ID	Drug_ID	Patient_ID	Quantity
Sale1	Drug1	Cust1	20
Sale1	Drug2	Cust1	10
Sale1	Drug3	Cust1	5

```
3 rows in set (0.00 sec)
```

```
mysql> Select * from Sale_Transaction;
```

Sale_ID	Date	Employee_ID
Sale1	2017-04-15	Emp1

```
1 row in set (0.00 sec)
```



x

# Chemist DBMS

**Sale** ▼

**Employee Id**

**Cust Id**

**Doctor Id**

**Med1**

**Quantity1**

**Give Med Name**

DrugId	Name	Quantity	Price
Drug1	Augmentin 625mg	10	1164.0
Drug2	Oxycodone	5	665.0
Drug3	Ring Gaurd	10	392.0

**Current Cost**

```

SELECT * FROM Sale_Transaction ORDER BY Sale_ID DESC LIMIT 1"
"INSERT INTO Sale_Transaction Values(?,"+curdate()+","+?)
"SELECT * FROM Doctor WHERE Doctor_ID="+DoctorId.getText()+""
"SELECT * FROM Patient WHERE Patient_ID="+CustId.getText()+""
"INSERT INTO Sells Values(?,?,?,"+Quantity.toString()+")"
"INSERT INTO Prescribes Values(?,?,?)
"UPDATE Drug1 SET Stock = Stock - "+Quantity.toString()+" WHERE Drug_ID=?"
SELECT * FROM Drug1 WHERE Stock>="+Med1Quantity.getText()+" AND Drug_ID="+medname+""

```

**Monthly transactions summary**

Chemist DBMS		
Daily Profits ▼	Date	Profit
	2017-04-15	5775.0000

```
"SELECT SUM(temp1.Profit),temp1.Date FROM (select Date,Quantity*MRP*(1-Discout/100)-Cost_Price
AS 'Profit' from Sale_Transaction natural join Sells natural join Drug1 where year(curdate()) = year(Date)
AND month(curdate()) = month(Date) ) AS temp1 Group by temp1.Date"
```

## Gross profit sale Wise

Chemist DBMS		
Salewise Profits	Sale ID	Profit
	Sale1	3704.0000
	Sale2	2071.0000

```
"SELECT SUM(temp1.Profit),temp1.Sale_ID FROM (select  
Sale_ID,Employee_ID,Quantity*MRP*(1-Discout/100)-Cost_Price AS 'Profit' from Sale_Transaction  
natural join Sells natural join Drug1 ) AS temp1 Group by temp1.Sale_ID;"
```

## Performance Report

Employee Report

Reset

Create Report

Employee Id	Employee Name	Salary	Total Sales for thi...
Emp1	Gullal	15000	3704.0000
Emp2	Mrinal	10000	2071.0000

```

SELECT * From Employee0 Natural Join Employee1 Natural JOIN(SELECT SUM(temp1.Profit) AS
'total',temp1.Employee_ID FROM (select
Sale_ID,Employee_ID,Quantity*MRP*(1-Discout/100)-Cost_Price AS 'Profit' from Sale_Transaction
natural join Sells natural join Drug1 where YEAR(curdate()) = YEAR(Date) and MONTH(curdate()) =
MONTH(Date)) AS temp1 Group by temp1.Employee_ID) AS temp2

```

**Purchase history**

History

Reset

Give Customer Name

Find

DrugId	Drug Name	Name	Quantity	Date	Employee ...
Drug1	Augmentin...	Saksham S...	20	2017-04-15	Gullal
Drug2	Oxycodone	Saksham S...	10	2017-04-15	Gullal
Drug3	Ring Gaurd	Saksham S...	5	2017-04-15	Gullal

```

SELECT * FROM Patient NATURAL JOIN Sells NATURAL JOIN Sale_Transaction,Drug1,Employee1
WHERE Drug1.Drug_ID=Sells.Drug_ID AND Employee1.Employee_ID=Sale_Transaction.Employee_ID
AND Patient_Id=""+Id+""

```

**Identify slow moving stock**

Chemist DBMS

Slow Moving

Drug Id
Drug1
Drug2
Drug3

SELECT distinct Drug\_ID FROM Sale\_Transaction natural join Sells natural join (SELECT Drug\_ID,Date  
As 'PuDate' FROM Sale\_Transaction natural join Sells) AS temp where datediff(Date,'2010-04-12')>200