BANK DB Management

Use case Diagram

Visual Paradigm Online Free Edition

Bank DB Management

list_of_atm

add_customer

add_branch

add_atm

delete_customer

delete_atm

staff

add_staff

update_atm_status

Owner

delete_staff

Visual Paradigm Online Free Edition
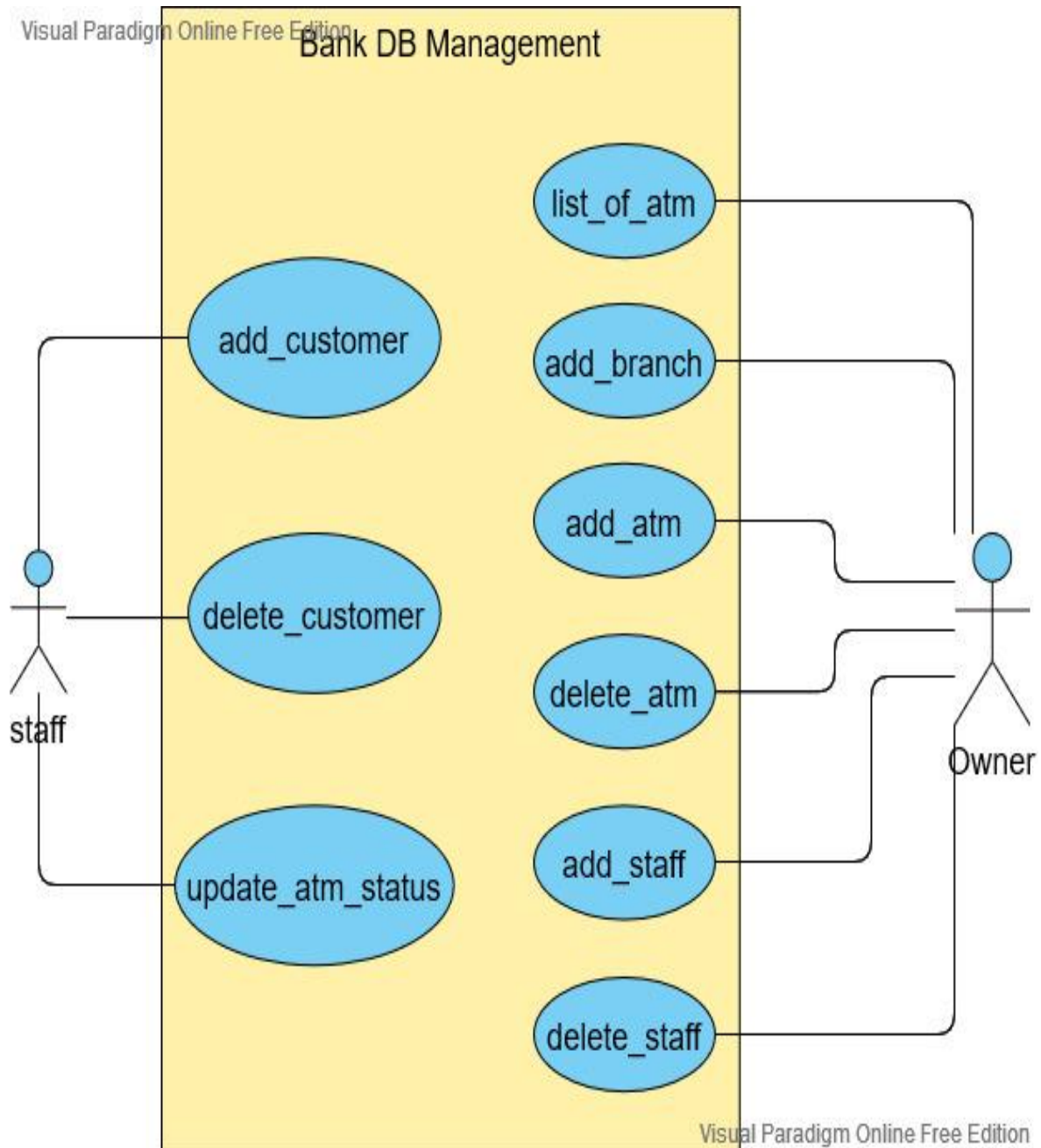
UML Diagram
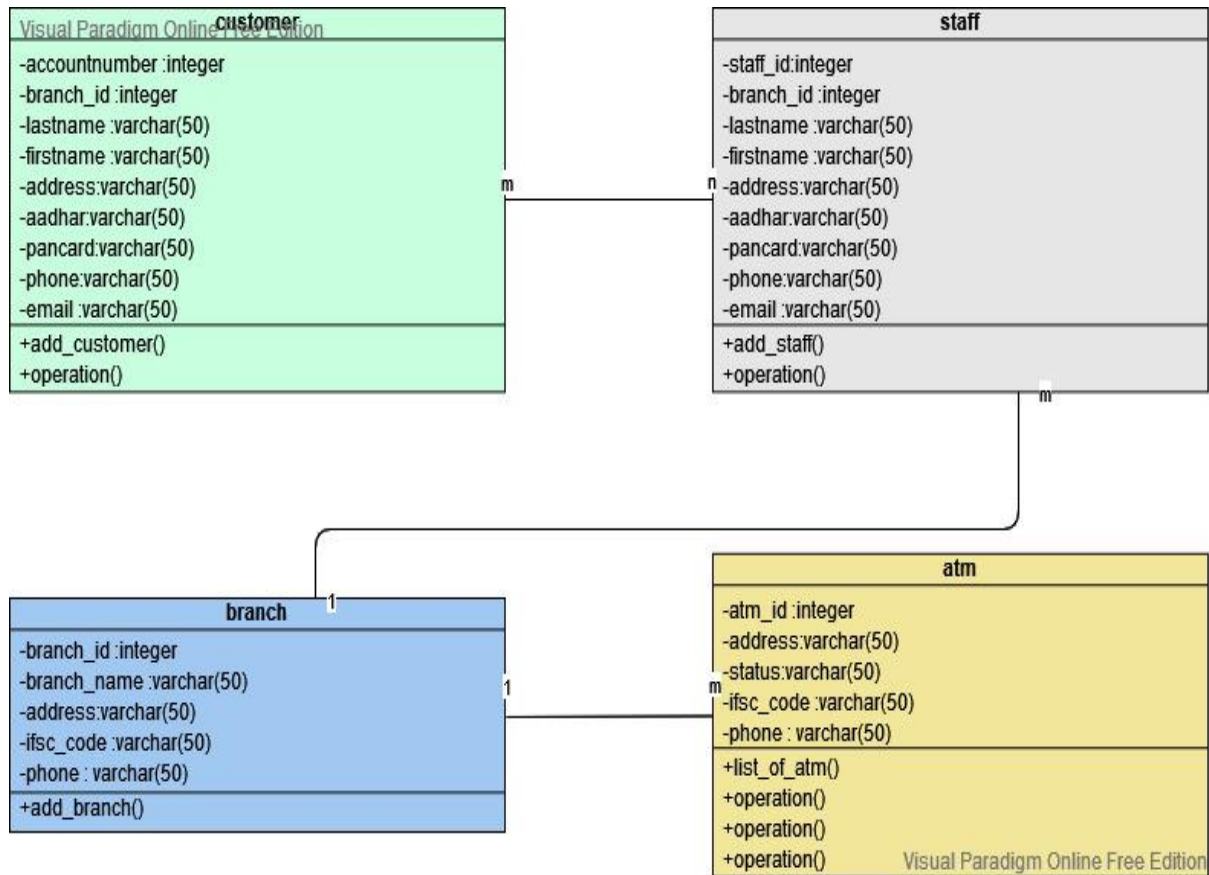
customer

-accountnumber :integer
-branch_id :integer
-lastname :varchar(50)
-firstname :varchar(50)
-address:varchar(50)
-aadhar:varchar(50)
-pancard:varchar(50)
-phone:varchar(50)
-email :varchar(50)

+add_customer()
+operation()

staff

-staff_id:integer
-branch_id :integer
-lastname :varchar(50)
-firstname :varchar(50)
-address:varchar(50)
-aadhar:varchar(50)
-pancard:varchar(50)
-phone:varchar(50)
-email :varchar(50)

+add_staff()
+operation()

branch

-branch_id :integer
-branch_name :varchar(50)
-address:varchar(50)
-ifsc_code :varchar(50)
-phone : varchar(50)

+add_branch()

atm

-atm_id :integer
-address:varchar(50)
-status:varchar(50)
-ifsc_code :varchar(50)
-phone : varchar(50)

+list_of_atm()
+operation()
+operation()
+operation()

OR Mapping

Screen Shots

```
Login as a-
1. Owner
2. staff
0. Exit


ENTER YOUR CHOICE : |
```

```
Enter your ID: pnr
Enter your password (phone num is password for staff): 123|
```

```
Please select appropriate optio
1. See Status of Atm
2. Add Branch
3. Add a Atm
4. Delete a Atm
5. Add a Staff
6. Delete a Staff
0. Back


ENTER YOUR CHOICE : |
```

```
List of ATM's:

Atm Id : 300
address : a
status : working

Atm Id : 301
address : c
status : working

Atm Id : 302
address : e
status : working

Atm Id : 303
address : f
status : working

Please select appropriate option-
1. See Status of Atm
2. Add Branch
3. Add a Atm
4. Delete a Atm
5. Add a Staff
6. Delete a Staff
0. Back

ENTER YOUR CHOICE : |
```

```
Enter branch id : 111001

Enter branch name : pnrnew2

Enter address : bnglr

Enter ifsc_code : 9969695

Enter phone : 64646626|
```

```
Enter staff id: 001236

Enter branch id : 12121

Enter lastname : miriyala

Enter firstname : ram

Enter address : bnglr

Enter aadhar: 555599998888

Enter pan number : BNNNB5556O

Enter phone : 9899599555

Enter email: ramu@gmail.com
```

```
Enter ATM id : 2203

Enter atm address : bnglr

Enter status : Working
```

```
Enter Atm ID : 2203
```

```
Enter your ID: 1
Enter your password (phone num is password for staff): 9876543214
```

```
Enter Atm id : 21

Enter status : NOT working
```

```
Please select appropriate option-
1. Add Customer
2. Delete Customer
3. update ATM status
0. Back

ENTER YOUR CHOICE : |
```

```
Enter customer account number : 0012369

Enter branch id : 12121

Enter lastname : sid

Enter firstname : sriram

Enter address : bnglr

Enter aadhar: 656565659898

Enter pan number : NNNNM9632P

Enter phone : 852855200

Enter email: sidsriram@gmail.com|
```
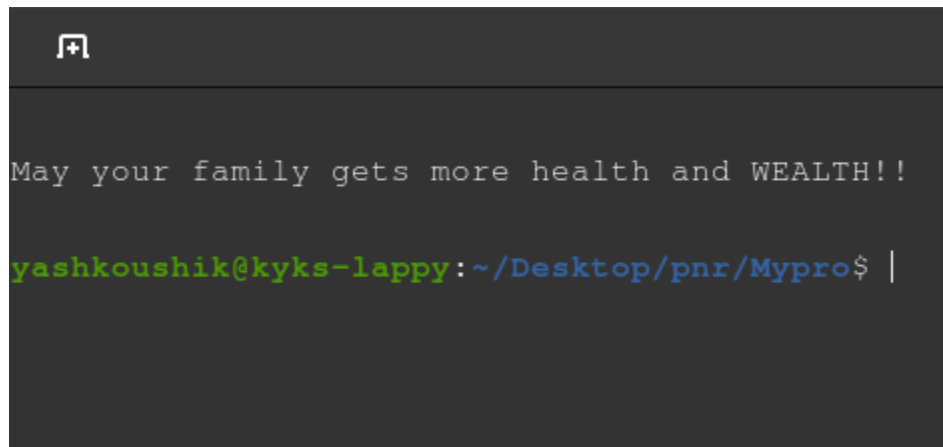
```
Enter customer account number: 001236|
```

```
May your family gets more health and WEALTH!!

yashkoushik@kyks-lappy:~/Desktop/pnr/Mypro$ |
```

Instructions to run the code

In MySQL command prompt - CREATE USER 'pnr'@'localhost' IDENTIFIED BY '123';

source bank_create.sql

source bank_alter.sql

source bank_insert.sql

Now run these on the terminal - javac bank.java java -classpath "mysql-connector-java-8.0.18.jar:."

After everything is done if you want to drop the database in MySQL

source bank_drop.sql

Owner credentials - id: pnr password: 123

Staff credentials - id: 1 password: 9876543214