

CORE JAVA PROJECT

PROJECT TITLE:- ATM INTERFACE

AIM:-

- The objective of an ATM machine is to provide anytime or Automated Banking services to the bank customers without the customer having to make a trip to the bank.

LANGUAGES:-

- JAVA AND SQL

SOFTWARE REQUIREMENTS:-

- Eclipse for JAVA
- MYSQL FOR SQL

SYNOPSIS:-

In this ATM Interface there are operations :-

- 1.Check Balance
- 2.Deposit Amount
- 3.Withdrawl Amount
- 4.Pin Change

Details information about system modules,

1.Check Balance:-

It refers to check of bank balance of an authorized ATM card holder account to check for the resulting balance after certain transactions.

2.Deposit Amount:-

it is mainly used for deposit cash amount to their bank amount as per customer demand. It is easy process of deposit amount to their bank accounts without filing deposit slip.

3.Withdrawal Amount:-

It is mainly used for withdrawal of cash as per customer demand. For any authorized ATM card holder the ATM system requests for its account no & PIN no then customer to login their accounts, then amounts are given to system and customer can withdraw amount.

4. PIN Change:-

It refers to the Change of PIN no of an authorized ATM card holder. It requires giving system old PIN no of the ATM card & then giving new PIN no & confirm the new PIN no.

Modules:-

In this ATM INTERFACE PROJECT there are has 4 main operations.

1. **Verification Process** -> verifying user by using username and pin.
2. **View Balance** -> User can view account balance.
3. **Deposit account** -> User can add money to existing account.
4. **Withdraw Amount** -> User can withdraw money from your account.

INITIAL SETUP :-

(IN JAVA)

Maven Project Name :- Mini Project

Package Name:- com.atm

Classes Name:- 1.ATMMainAPP 2.ATM

(IN DATABASE)

Creating database in sql (query)

```
mysql> create table atm(ac_no int primary key,pin int unique key,TotalBalance int);
Query OK, 0 rows affected (0.07 sec)
```

(DATABASE CREATION)

```
mysql> use pkdb;
Database changed
```

(TABLES CREATION)

```
mysql> show tables;
+-----+
| Tables_in_pkdb |
+-----+
| atm             |
+-----+
```

(DATABASE RECORDS)

```
mysql> select * from atm;
+-----+-----+-----+
| ac_no | pin  | TotalBalance |
+-----+-----+-----+
| 12345 | 2345 | 18000         |
| 54321 | 1234 | 13000         |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

JAVA OUTPUT

WELCOME TO MARIAMMA INDIAN BANK

Enter the account number

54321

Enter your Secret 4digit Pin

1234

Choose Your Operation

- 1.To Check Balance
- 2.To Deposit Amount
- 3.To Withdraw Amount
- 4.Exit

1

You Decided to Check Your A/C Balance

12300

Choose Your Operation

- 1.To Check Balance
- 2.To Deposit Amount
- 3.To Withdraw Amount
- 4.Exit

2

Enter The Amount You Have to Deposit

Insert Only 100's,200's,500's (or) 2000's

500

Confirm Your Account Number to deposit

54321

Amount Deposited SuccesFully

Choose Your Operation

- 1.To Check Balance
- 2.To Deposit Amount
- 3.To Withdraw Amount
- 4.Exit

3

You Selected Withdraw

Available Only 500's,2000's Enter as Acceptable Amount

10000

Enter PIN

1234

Withdraw SuccesFully

Your Account Balance is 2800

Choose Your Operation

1.To Check Balance

2.To Deposit Amount

3.To Withdraw Amount

4.Exit

4

Enter 'N' to break

Thank You...!