

ATM Simulator

Final project – ATM Simulator

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# ATM Simulator

The project is to design and build a ATM Simulator where member can deposit, withdrawal, bill payment, and transfer amount between their accounts.

* The simulator contains 1 Solution, 2 Project, 8 Classes, 14 Forms.
* Simulator back-end is SQL Server, which contact 5 Tables and 13 Stored Procedures
* Simulator has 2 Menu,
* Member Menu
* Supervisor Menu

## Graphical user interface, application Description automatically generated

## Member Menu

Before member see the menu it will ask member to enter the Account ID and PIN to enter to member menu

When member login to ATM simulator, it will welcome member with showing Member First and Last Name with Account No. Member has 6 Options to select from the Menu

* Account Balance (for Cheque-in and Saving Account)
* Cash Withdrawal from Cheque-in and Saving Account.
* Change PIN
* Deposit to Cheque-in OR Saving Account
* Bill Payee
* Transfer between Cheque-in OR Saving Account

Graphical user interface, website

Description automatically generated

## Withdrawal

Withdrawal will allow you do get fast cash or enter the amount less then 500 and get the cash. Fast cash means select 20,40,60,80,100,200,400 and get the cash

Graphical user interface

Description automatically generated

Transaction Records for withdrawal

Table

Description automatically generated

## deposit

Deposit screen will allow to add the funds either to your cheque-in or saving accounts

Graphical user interface, application

Description automatically generated

## bill payee

You can also do the Bill Pay from the ATM simulator, but every bill you will pay from ATM simulator there is service charge of $1.25/-

Graphical user interface, text, application, email

Description automatically generated

Table

Description automatically generated

## transfer

You can make a transfer between cheque-in and saving accounts

Graphical user interface, text, application

Description automatically generated

## Account balance

Account balance history will provide you the list of a transaction, made against the account. You have option for today’s date, Last 30, 60, 90, and 120Days.

Graphical user interface

Description automatically generated

## Supervisor Menu

In Supervisor menu, you can add the New Account and fill the funds in ATM on daily basis.

Graphical user interface, chart

Description automatically generated

Graphical user interface, application

Description automatically generated

In the ATM Load you select the ATM No. and add the minimum of 50,000/- Funds, once the fund added to that atm you cannot re-add the funds to the same ATM for same date. You must wait for Next day. When you select the ATM, it will also show you the balance of the ATM.

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated