

ATM Banking System Project Abstract:

In banking system, different branches are present and these are connected to the main branch. So, the same bank is located at different locations for providing the same type of banking services. The manual method of managing these banks from one location is difficult, but it can be easily done with an ATM software application like this.

The overall banking procedure has become much easier, comfortable and secured as well with ATM (Automated Teller Machine). ATM has saved customers time for withdrawing balance, checking recent transactions and checking bank balance from any location.

With the proposed ATM Banking System, bank management is easier with a more efficient platform for managing customer details, managing their account and recording their transaction history.

This project can help students understand the operations that are involved in designing ATM software. The proposed system is good; it has minimum features, but further enhancements can be done by adding new modules, features and sub-systems into this project.

Modules and Forms Overview:

This project comes up with the understanding the logical operations of every module incorporated into this system. This application consists of various forms which are again divided into sub-forms based on their functions. The forms in ATM Banking System are:

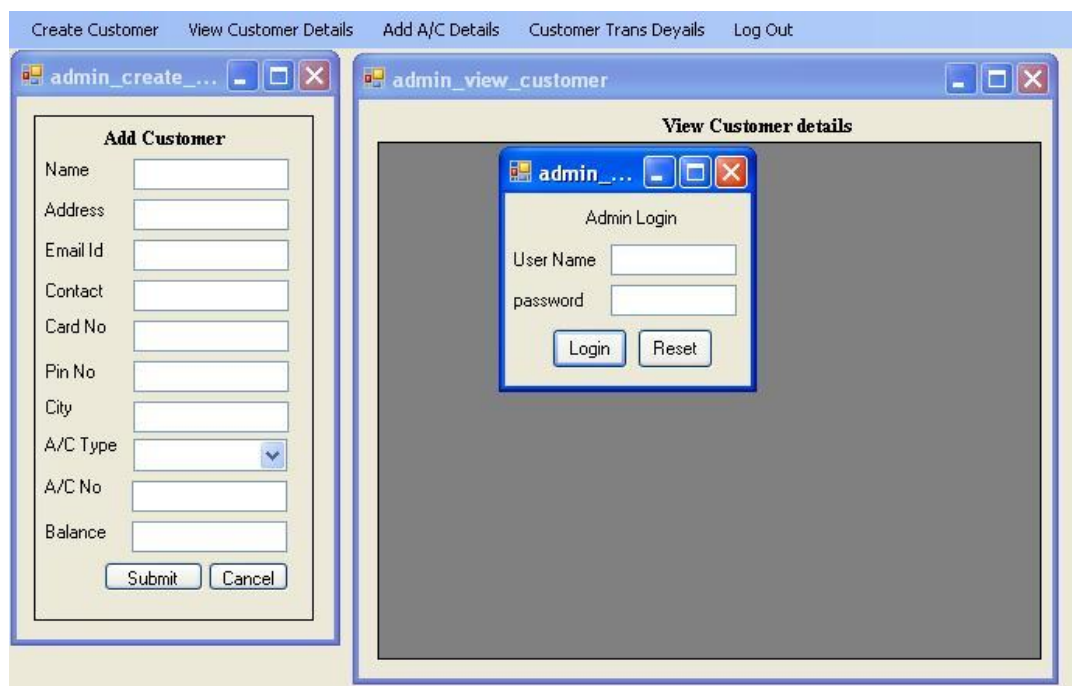
- Create admin account
- Admin login/logout
- Create customer
- View customer
- Add customer account details
- View customer transaction details
- Customer card number
- Balance check
- Customer receipt upon balance check and cash withdrawal

The sub-forms in these forms: for example, in case of create customer form, there are sub-forms with information such as name, address, city, email address, contact info, card no., pin no., city, account type, account number and balance.

Now, coming to the modules, the basic modules of ATM Banking System project are:

- Admin Login: With this module, admin can log in to the system by providing username and password.
- Create Customer: With this form/module, new customers are added into the database of the system. This module contains information of the customer such as name, address, city, email address, contact info, card no., pin no., city, account type, account number and balance.
- View Customer Details: The information provided while creating a customer can be viewed by using this module. Bank account number and other relevant information are to provided to the system to use this module.
- Add Account Details: This module consists of sub-forms such as name, account number, credit fields, current balance, etc. that are required while adding account details.
- Customer Transaction Details: The details of customer transaction, i.e. withdrawal of cash from ATM is stored/displayed by this module. It shows the details with time of transaction and amount withdrawn.

Here's a sample screenshot of the proposed system:



Conclusion:

ATM Banking System can be used as your final year/semester project or mini/major project in ASP.NET. This software development project will help you understand the design basics of banking operations and transactions such as creating customer accounts, managing accounts, checking balance, etc. Overall, it gives a complete overview of a typical banking software integrated with ATM.