Introduction:

Bank Management System is based on a concept of recording costumer's account details. I've created a program where all the features such as creating a new account, depositing and withdrawal of money, balance inquiry, deleting an account and viewing all the account holders are available. I've managed to insert all the main features that should be available for a simple Bank Management System.
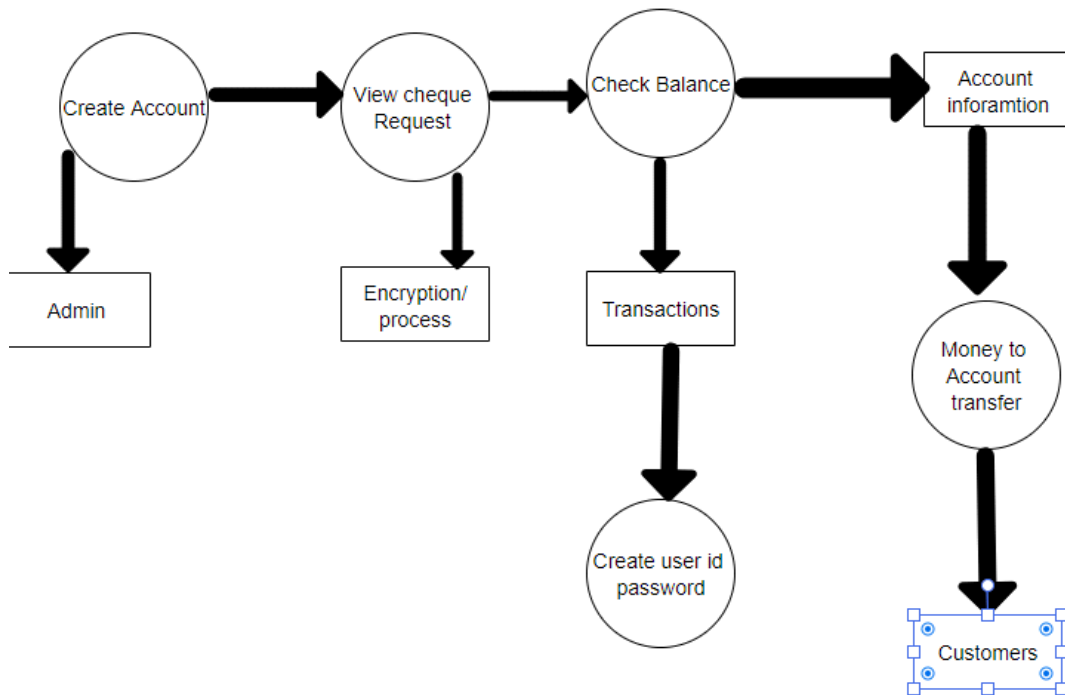
Well about the features of the Bank Management System, a user can create an account by providing the name of the account holder, account number, select amount, select type whether it is Saving account or Checking Account. Then the user can also deposit and withdraw money just by providing account holder's account number i.e. ID, then entering an amount to deposit or withdraw. Also, account holders can also check for the balance inquiry which display the account holder balance. They can also check for all the account holder's name with account number and amount. If the amount in the account is less than 0 or equals to zero, it will deduct some amount while depositing as extra charge and if the transaction is done more than 3 times, it will deduct some amount as extra charge. In saving account, if the amount is less than $25 the account will be inactive and no transaction can be done.

Classes and C++'s file system features are used in the program. The system produces an external file (DAT file) to preserve every user information so that we may use the same login credentials each time we access the system. The Bank Management System was created with the help of the C++ programming language and selected variables and strings. This software provides an easy-to-use bank system management software.

Main Features of this program:
- Create a new Account

- Deposit Amount

- Withdraw Amount

- Balance Inquiry

- Details of all Account Holders

- Delete an account

Visual Representations:

Objective of the Project

The goal of this program are as follows:

- To create the account of the customer without for future reference.

- To decrease the complexity of recording and reduce the time consuming process of the paper work.

1.3 Significance of the project

In the previous time there should to be line in banks just for creating bank account and to deposit money, still the staff has to do the paper work and were not user friendly so, to overcome the drawbacks, this project is built with much better improved features. Some of the significance of the project are:

- Storing data is easier compared to paper work.

- Reduce the data duplication

- Files can be recorded with simple user interface.

- Better utilization of resources.

- Helps to record all transaction made at the daily sales, balance and stock in store.

- Increase the working speed.

- Minimizing the risk of wrong transactions.

Final assignment features:

The features of this project are as given below:

- This keeps the record of the account holder.

- Adding new packages to the market is easy.

   Task performed: Generated coding, documentation.

Details:

 It is about conclusion and future enhancement of the project and it is divided into three sub-chapter i.e. Conclusion, Limitation, Future enhancement , System development and Implementation, Programming Platform

Code blocks has been used as programming platform to develop this program.

Implementaion and Result Analysis

1. To check whether the Account is created.

2. To check whether the Deposit is made.

3. To check whether the details is shown after entering account number.

:EXPLAINATION:

A simple Bank Account Management System has simple UI and is convenient to use for the costumers. At first, this system ask the user to choose between current or saving account. After that, The Management System shows the Main Menu for the user to conveniently choose.

The System has the following options such as to create a new account, deposit money, withdraw money, balance inquiry, delete an account and details of the Account Holders and exit.

To make this system I've used two classes. They are Bank and hp. To be clear, Bank class is the fundamental for this system which has the variables and strings for the account whereas File Handling class is used for mainly handling the .dat file where all the data of the system is stored. In conclusion, Bank and hp classes are the UI of this system which makes the system visually pleasing. Therefore, this class handles the menu of the system.