BANKING SYSTEM MANAGEMENT

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Presentation Outline

- Course Certificate
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INTRODUCTION

bank record system can keep the information of account type, account opening form, deposit, and searching the transaction, transaction report, individual account opening form, group account as a record. it displays records of transaction reports, statistical summary of account type and interest information.

this helps to provide the flexible solution to the user. here the chance of occurrence of error is less

when compared with the existing system. it is fast, efficient and reliable. easy accessibility of data

and avoids data redundancy and inconsistency.

INTRODUCTION

a bank statement is like a personal p&l statement. it allows account holders to keep

track of their finances and plan for future expenditures. bank statements are also

extremely helpful for budgeting, as they allow account holders to decipher how much

they are spending on different categories.

OBJECTIVES

The researcher aims to create or develop a system that is capable and reliable in the whole record

about the customer, retrieving and storing data in an appropriate way.

In particular it aims to. This banking record system project in C++ is a simple console application developed without the use of graphics component. It is more of a database project in C++, and is built using the language's file handling mechanism. It is suitable for beginners who want to learn how to add, edit, search, delete or modify records in a file, and how to use file as database overall
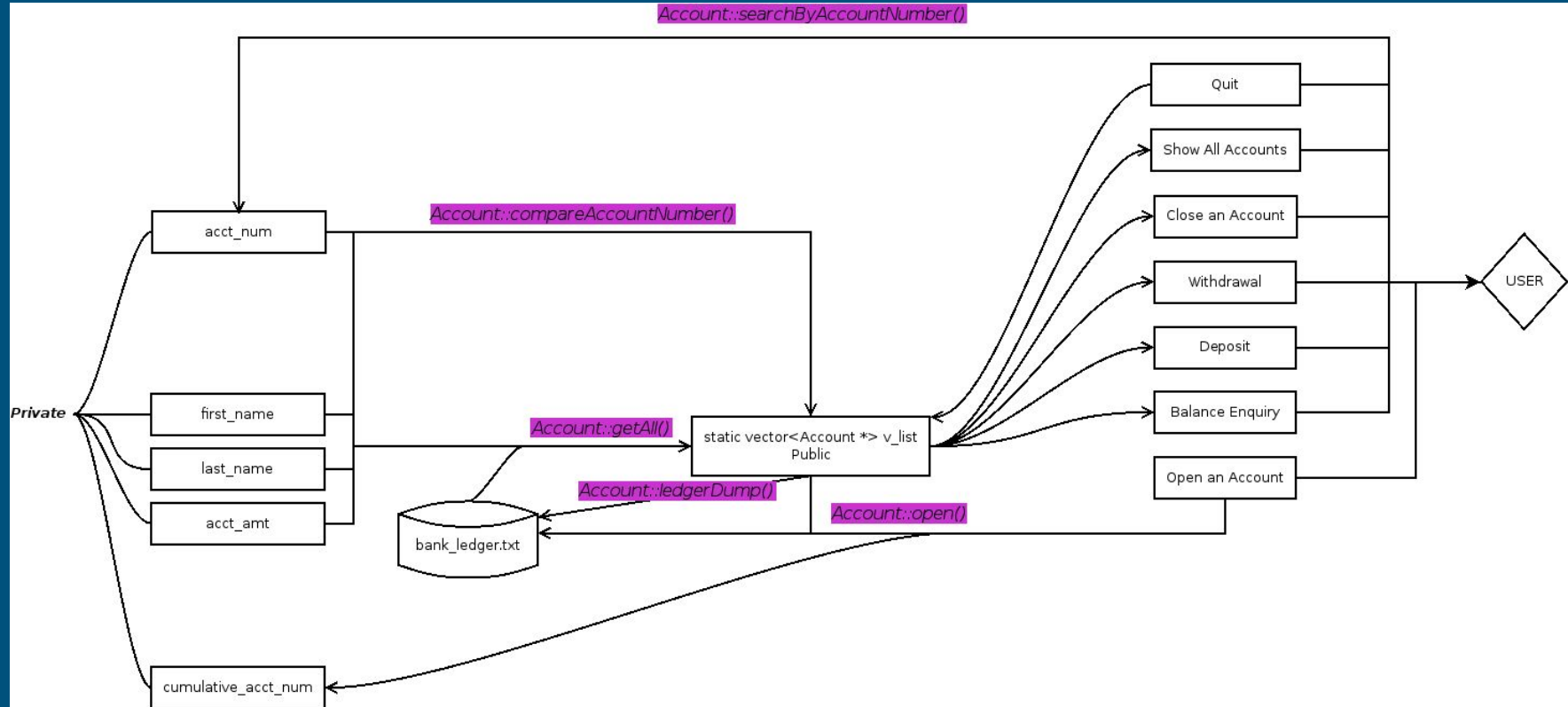
OBJECTIVES

The source code for this project is short–just over 300 lines. The coding has been presented in a very understandable manner. The source code needs to be compiled in vs code You can use this application to keep the records such as Account number, First Name, Last Name, Balance etc. of your regular costumer. Moreover, if you have a new customer, you can add and edit the account at any time.

OBJECTIVES

Many banks need an effective and accurate record system to be able to assure their records. The record involves receiving banking records from various systems, determining the record rates associated with the customer's records, calculating the amount foreach customers, aggregating these records periodically to generate invoices, showing invoices to the customer, and collecting balance received from the customer Banking record System application is so simple to use.

SYSTEM ARCHITECTURE / IDEATION MAP

SYSTEM IMPLEMENTATION

Languages Used : C++ Programming Language

Editor : Notepad++

IDE Used : VS CODE

Operating System: Windows XP Windows 7 Windows 8 Or any other version of windows

Hardware Used: CPU configuration o Processor : Intel Pentium or later

o RAM : 512 MB or later

o Hard Disk : 1 Gb Hard Disk Space or more

o Monitor : Any monitor

APPLICATION SNAPSHOTS
CREATE ACCOUNT

DEPOSIT AMOUNT

```
========================
BANK MANAGEMENT SYSTEM
========================
       ::MAIN MENU::

1. NEW ACCOUNT
2. DEPOSIT AMOUNT
3. WITHDRAW AMOUNT
4. BALANCE ENQUIRY
5. ALL ACCOUNT HOLDER LIST
6. CLOSE AN ACCOUNT
7. MODIFY AN ACCOUNT
8. EXIT

Select Your Option (1-8): 2


Enter The account No. : 123

Account No. : 123
Account Holder Name : rahul
Type of Account : S
Balance amount : 10000

TO DEPOSITSS AMOUNT

Enter The amount to be deposited: 1000


Record Updated
```

WITHDRAW AMOUNT

```
========================
BANK MANAGEMENT SYSTEM
========================
     ::MAIN MENU::

1. NEW ACCOUNT
2. DEPOSIT AMOUNT
3. WITHDRAW AMOUNT
4. BALANCE ENQUIRY
5. ALL ACCOUNT HOLDER LIST
6. CLOSE AN ACCOUNT
7. MODIFY AN ACCOUNT
8. EXIT

Select Your Option (1-8): 3


Enter The account No. : 123

Account No. : 123
Account Holder Name : rahul
Type of Account : S
Balance amount : 11000

TO WITHDRAW AMOUNT

Enter The amount to be withdraw: 500


Record Updated
```

BALANCE ENQUIRY

```
========================
BANK MANAGEMENT SYSTEM
========================
      ::MAIN MENU::

1. NEW ACCOUNT
2. DEPOSIT AMOUNT
3. WITHDRAW AMOUNT
4. BALANCE ENQUIRY
5. ALL ACCOUNT HOLDER LIST
6. CLOSE AN ACCOUNT
7. MODIFY AN ACCOUNT
8. EXIT

Select Your Option (1-8): 4


Enter The account No. : 123

BALANCE DETAILS

Account No. : 123
Account Holder Name : rahul
Type of Account : S
Balance amount : 10500
```

ALL ACCOUNT HOLDERS

CLOSE AN ACCOUNT

```
          1.  NEW ACCOUNT
          2.  DEPOSIT AMOUNT
          3.  WITHDRAW AMOUNT
          4.  BALANCE ENQUIRY
          5.  ALL ACCOUNT HOLDER LIST
          6.  CLOSE AN ACCOUNT
          7.  MODIFY AN ACCOUNT
          8.  EXIT
          Select Your Option (1-8): 1
Enter the Account No. : 321

Enter the Name of the Account holder : sunny

Enter Type of the Account (C/S) : s

Enter The Initial amount : 100000

Account Created..

          =========================
          BANK MANAGEMENT SYSTEM
          =========================
              ::MAIN MENU::
          1.  NEW ACCOUNT
          2.  DEPOSIT AMOUNT
          3.  WITHDRAW AMOUNT
          4.  BALANCE ENQUIRY
          5.  ALL ACCOUNT HOLDER LIST
          6.  CLOSE AN ACCOUNT
          7.  MODIFY AN ACCOUNT
          8.  EXIT
          Select Your Option (1-8): 6

Enter The account No. : 321

Record Deleted ..
```

MODIFY AN ACCOUNT

```
========================
BANK MANAGEMENT SYSTEM
========================
        ::MAIN MENU::

1.  NEW ACCOUNT
2.  DEPOSIT AMOUNT
3.  WITHDRAW AMOUNT
4.  BALANCE ENQUIRY
5.  ALL ACCOUNT HOLDER LIST
6.  CLOSE AN ACCOUNT
7.  MODIFY AN ACCOUNT
8.  EXIT

Select Your Option (1-8): 7

Enter The account No. : 123

Account No. : 123
Account Holder Name : rahul
Type of Account : S
Balance amount : 10500

Enter The New Details of account

Account No. : 123
Modify Account Holder Name : jyestadi rahul

Modify Type of Account : c

Modify Balance amount : 50000

Record Updated
```

EXIT


```
========================
BANK MANAGEMENT SYSTEM
========================
        ::MAIN MENU::

1.  NEW ACCOUNT
2.  DEPOSIT AMOUNT
3.  WITHDRAW AMOUNT
4.  BALANCE ENQUIRY
5.  ALL ACCOUNT HOLDER LIST
6.  CLOSE AN ACCOUNT
7.  MODIFY AN ACCOUNT
8.  EXIT

Select Your Option (1-8): 8


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CONCLUSION

This was my project of System Design about "Banking Record System". Development of this

System takes a lot of efforts.

I think this system gave a lot of satisfaction. Though every task is never said to be perfect in this

development field even more improvement may be possible in this system.

I learnt so many things and gained a lot of knowledge about development field.

I hope this will prove fruitful.

REFERENCE

1.Books referred = the complete reference 4th edition by Herbert schildt .

2. c/c++ programming book from pragya publication

3.Websites referred = google.com , stackoverflow.com, geeksforgeeks.com , javatpoint.com.