PDS PROJECT

BANKING MANAGEMENT

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**Title of project:BANK INVENTORY MANAGEMENT SYSTEM**

**Problem statement : Banking is one of the activities which people are involved in their daily life. People use banks for various purposes. Some of them include depositing cash, cash withdrawal, transferring money, drawing mini statements etc...This project aims at developing a programme which can handle several basic functions which a bank is involved in.**

**Problem** **Description: The project aims to develop an administrator which can add or delete accounts or information. This project also enables the user to have a unique password & ID through which he/she can access his/her accounts. Then he can withdraw , deposit money, inquire about the balance in his account , make transactions using his ATM card .It prints the balance amount in his\her account.**

In an abstract way this code provides

1)Administrator with his ID and password : Assigns a ID & a password to display the customer data.

2)User with his ID and password : Assigns a user ID & a password for the customer to access his accounts uniquely.

3)ATM card facility : Allows the user to draw the money from the bank using his ATM card .

4)Access to his account to know his status : Has the provision to access his account to know his credit or debit balance.

5)Money withdrawal and deposit : Can withdraw or deposit money which would be updated to his account.

6)Mini statement : prints the details of his transactions.

PROJECT DESCRIPTION:

This project is based on banking as mentioned above. It uses mainly C programming language with the following libraries <stdio.h>,<stdlib.h>,<unistd.h> & <string.h>.

We declare globally the functions which we would be required while running the program like account create,

Transferring of money, cheque print , deposit money, view the account holder’s details etc…………………….

We then define a structure containing variables required for the banking purpose like cash, name of the account holder, city where he resides, net amount in his account, his password, account no.. etc………

It would function like an ATM machine which would fuction as long as user wants to use it.

At the start up, we could see the start up page of the SBI BANKING which would include a welcome note .In the starting it would ask for the name of the administrator & password for the administrator. After entering the name & password a screen would pop up providing two options asking if the operator were a user or administrator .

First let us discuss the operations available on the administrator.

***ADMINISTRATOR :***

Now you would be asked for the username & password. On successful entry of password the administrator will be shown the functions he can access to. If the administrator fails to enter either of username or the password correctly the system beeps & gives a warning that the entered password is wrong & that he need to enter the password correctly.

Now the admin enters the option he wants to exercise.

***Option1: OPEN A NEW ACCOUNT FOR THE CUSTOMER***

It opens a new account for the customer. The command prompt would ask for the details of the customer like the customer name, city, surname , amount he wants to deposit .If the amount deposited by the customer is less than the specified minimum limits of the bank, then it would refuse the payment from the customer & ask for amount of Rs.500 as minimum balance. It then asks for the name of the e-book in which his details would be stored.If the name of the book already exists then it would warn of the existence of another e-book by that name and would ask for another name for the e-book. It would print the details of the customer in the e-account the customer has made & displays the confirmation message.

***Option2:DELETING OF THE EXISTENCE ACCOUNTS***

It would ask for the name of the e-book of the customer which required to be deleted.

***Option3: VIEW CUSTOMER’S BASIC INFORMATION***

It would display to the administrator name surname city account number of the customer.

***Option4:VIEW THE CUSTOMERS WHOSE BALANCE IS LESS THEN MINIMUM BALANCE***

It would display the names of the customers whose balance is less then minimum balance i.e.,Rs.500 along with their account numbers and surnames

***Option5:VIEW THE CUSTOMER’S ACCOUNTS***

Administrator can have a glance at the account of a customer which displays his information except his password

Now let’s discuss the options available for customer.

The customer will be asked to enter his name & password which would be checked subsequently. If wrongly entered there would be option for re-entering the password.

Now a menu list pops up explaining the options available for the customer to exercise.

***CUSTOMER:***

***Option1: ATM FACILITY***

Again a menu would pop up explaining the facilities available with the software. At present there are three options.

***Option1(1): VIEW YOUR EBOOK***

This function allows the customer to view the transactions made by him which have been updated in his e-book.

***Option1(2):WITHDRAW***

This function allows the user to withdraw the money from the machine as would an ATM would do.

***Option1(3):TO VIEW YOUR BALANCE IN HIS ACCOUNT***

This function allows you to enquire about the net balance present in his account.

***Option1(4):TO VIEW THE E-BOOK***

***This function allows the customer to view the information regarding his accounts.***

***Option1(5):TO VIEW THE T-BOOK***

***This function allows the customer to look into the account transactions he has made previously***

***Option2:E-CHEQUE BOOK FACILITY TO WITHDRAW MONEY***

This is one of the latest features we had incorporated in the banking system enabling a person to use cheque facility wherever possible. The only difference is that the process is completely electronic.

***Option3:DEPOSIT MONEY***

This facility allows the user to deposit the money in the bank and get the deposit updated.

***Option4:INTER ACCOUNT TRANSFER***

This facility allows the customer to transfer his money from one account to another within the same bank. The money transferred will automatically get updated in their respective accounts.

***Option5:EMERGENCY WITHDRAWAL OF MONEY***

This enables the money to withdraw the money from the ATM during the emergency crisis. Amount can be withdrawn beyond the critical balance which is supposed to be there in the ATM machine.

In this way our project would be useful be useful as it succeeds in performing all the mentioned functions and many more more new ones..........................