MINI PROJECT REVIEW

DATA STRUCTURE

BANK MANAGEMENT SYSTEM

DATE:27/05/2022

SUBMITTED BY
SRIDHAAR.K
KARTHIK SELVAN.P

ABSTRACT:

Here is a project we developed as mini project in C bank management system This project is focused on customer account services in bank, so it is named "Customer Account Bank Management System".

Here, you can create a new account, update information of an existing account, view and manage transactions, check the details of an existing account, remove existing account and view customers' list.

Overall, with this project, you can perform banking activities like in a REAL bank. Bank management mini project in C is a console application without graphics. It is compiled in DEV C++ compiler.

The source code for this project is around 433 lines.it also uses the concept of hashing for the number of branch that particular bank is expressed in the array index.This gives the special features for user as login page which give user and employee a login id
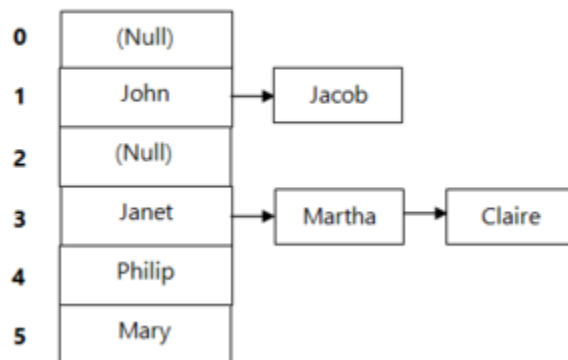
Concept of Hashing

The concept of separate chaining involves a technique in which each index key is built with a linked list. This means that the table's cells have linked lists governed by the same hash function. So, in place of the

```
record - Notepad
File   Edit   Format   View   Help
3  sr 22/22/222 15 1E 123123123123.000000 100.000000
21 srt 11/11/1111 16 1E 1231231231.000000 100.000000
```

collision error which occurred in the figure we used in the last section, the

cell now contains a linked list containing the string 'Janet' and 'Martha' as

seen in this new figure. We can see in this figure how the subsequent strings

are loaded using the separate chaining technique.

Figure 2: Separate Chaining

Advantages in Hashing:

1-simple to implement
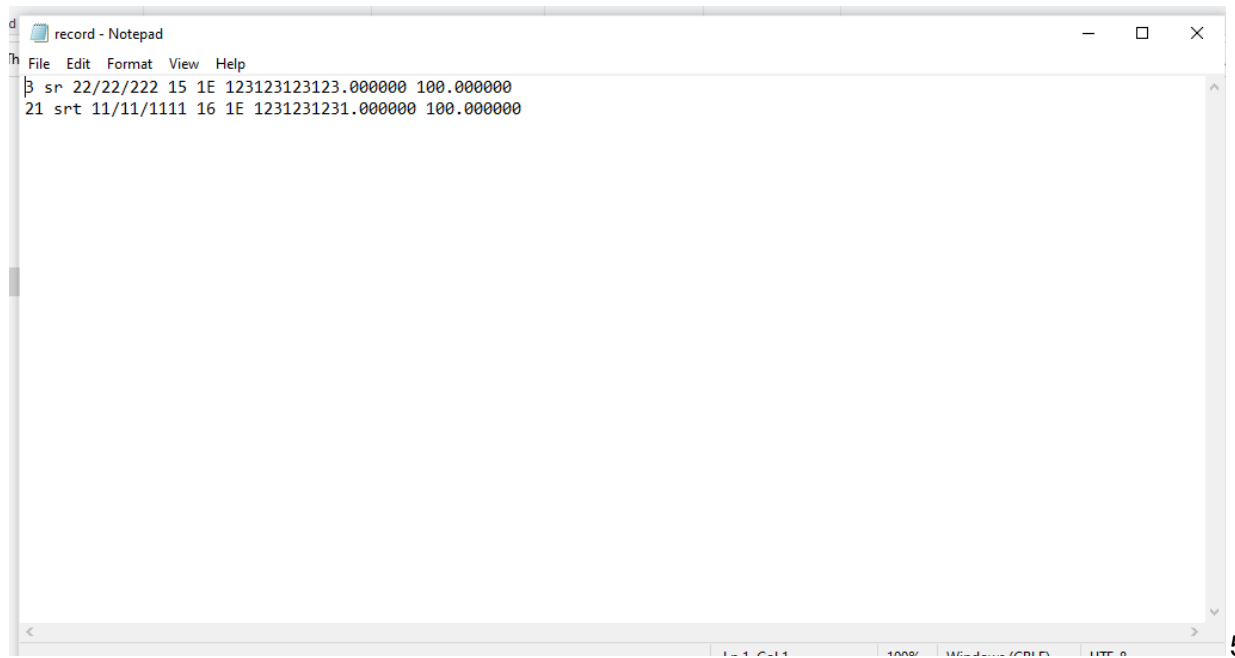
2-Hashing Capcity is not limited

Function Used in the code :

new_acc()-This function has the responsibility of create a new account in the bank which is offered particular to employee id here the employee is the local variable while the user password and username can be reset in this program

transact(void)-here the transaction activities like the process of deposit and withdraw from the bank account in the program and it requires the user password to withdraw (or) deposit in the bank account Like a real time bank system

edit()-This feature is available only for the employee here the employee can verify the user whose information in the system is about to change in the system

getsum()-This is the hashing function in the program which sum

The sum of the digit in the account number for the user in the system

Process of file handling in this program

The user details in this program is documented in the

record.dat as the file which has all details which can be shared is

stored