***BANKING SYSTEM***

***ABSTRACT:***

**Banking system mini project in C** is a console application without graphics which focuses on providing automated banking services to its customers. The main objective of this project is to develop a banking system for banks to facilitate a faster access to all the banking procedures. It includes designing an application, which could store bank data and provide an interface for retrieving customer related details with better accuracy. In this banking system, one can create a new customer account, access transactions like depositing money or withdrawing money, check account details ,etc., The system will also check the user’s existence in the database and provide the set of services with respect to the role of the user. This banking system project includes the concepts of structures, pointers and functions to store the data of customers. The following flow charts illustrates the mechanism of this project,

1. **main():**

create\_new\_account()

Option

Display.options()

Read option

num\_acc=0

char option

While(1)

***TRUE***

System (“clr”)

(Print statements)

***ELSE* 1**

cash-deposit()

**2**

**3**

cash\_withdrawal()

**4**

account\_information()

**5**

End

**6**

System (“clr”)

1. **Display.options():**

Print statements

1. **Create\_new\_account():**

Print bank\_name, bank\_branch,

Acc\_holder\_name, acc\_number

Write strcpy

statements

Read bank\_name, bank\_branch, acc\_holder\_name, acc\_number

Available\_bal=0

1. **Account\_information():**

Strlen(account[acc\_number-1].bank\_name>0

num\_acc=0

***FALSE***

***TRUE***

num\_acc++

Print bank\_name, branch\_name, acc\_holder\_name, acc\_number, acc\_holder\_address, available\_balance

1. **Cash\_deposit():**

account[acc\_no-1].available\_balance= account[acc\_no-1].acc\_number

Print “The new balance is”, available\_balance

acc\_no=account[acc\_no-1].acc\_number

Print “The current available balance is”, available\_balance

Print “Enter amount of money to deposit”, add\_money

Print “Enter account number”

Read acc\_no

int acc\_no

float add\_money

fl

***TRUE***

acc\_no++

1. **Cash\_withdrawal():**

acc\_no++

strcpy(account[acc\_number-1].bank\_name,bank\_name)

strcpy(account[acc\_number-1].bank\_branch,bank\_branch)

strcpy(account[acc\_number-1].acc\_holder\_name, acc\_holder\_name)

account[acc\_number-1].acc\_number=acc\_number

strcpy(account[acc\_number-1].acc\_holder\_address, acc\_holder\_address)

account[acc\_number-1].available\_balance=available\_balance

acc\_no=account[acc\_no-1].acc\_number

Print “Enter the account number”

Read acc\_no

Print”The current available balance is”

Print “Enter amount money to withdraw’

Read withdraw\_money

int acc\_no

float withdraw\_money

***FALSE***

***TRUE***