

MINI PROJECT

BANK MANAGEMENT SYSTEM



INTRODUCTION

**C** is a [general-purpose](https://en.wikipedia.org/wiki/General-purpose_language), [imperative](https://en.wikipedia.org/wiki/Imperative_programming) computer [programming language](https://en.wikipedia.org/wiki/Programming_language), supporting [structured programming](https://en.wikipedia.org/wiki/Structured_programming), [lexical variable scope](https://en.wikipedia.org/wiki/Lexical_variable_scope) and [recursion](https://en.wikipedia.org/wiki/Recursion_(computer_science)), while a [static type system](https://en.wikipedia.org/wiki/Static_type_system) prevents many unintended operations. By design, C provides constructs that map efficiently to typical [machine instructions](https://en.wikipedia.org/wiki/Machine_code), and therefore it has found lasting use in applications that had formerly been coded in [assembly language](https://en.wikipedia.org/wiki/Assembly_language), including [operating systems](https://en.wikipedia.org/wiki/Operating_system), as well as various [application software](https://en.wikipedia.org/wiki/Application_software) for computers ranging from [supercomputers](https://en.wikipedia.org/wiki/Supercomputer) to [embedded systems](https://en.wikipedia.org/wiki/Embedded_system).

C was originally developed by [Dennis Ritchie](https://en.wikipedia.org/wiki/Dennis_Ritchie) between 1969 and 1973 at [Bell Labs](https://en.wikipedia.org/wiki/Bell_Labs), and used to re-implement the [Unix](https://en.wikipedia.org/wiki/Unix) operating system.It has since become one of the [most widely used programming languages](https://en.wikipedia.org/wiki/Measuring_programming_language_popularity) of all time, with C [compilers](https://en.wikipedia.org/wiki/Compiler) from various vendors available for the majority of existing [computer architectures](https://en.wikipedia.org/wiki/Computer_architecture) and operating systems. C has been standardized by the [American National Standards Institute](https://en.wikipedia.org/wiki/American_National_Standards_Institute) (ANSI) since 1989 and subsequently by the [International Organization for Standardization](https://en.wikipedia.org/wiki/International_Organization_for_Standardization) (ISO).

C is an [imperative](https://en.wikipedia.org/wiki/Imperative_programming) [procedural](https://en.wikipedia.org/wiki/Procedural_programming) language. It was designed to be compiled using a relatively straightforward [compiler](https://en.wikipedia.org/wiki/Compiler), to provide [low-level](https://en.wikipedia.org/wiki/Low-level_programming_language) access to [memory](https://en.wikipedia.org/wiki/Computer_memory), to provide language constructs that map efficiently to [machine instructions](https://en.wikipedia.org/wiki/Machine_code), and to require minimal [run-time support](https://en.wikipedia.org/wiki/Runtime_system). Despite its low-level capabilities, the language was designed to encourage [cross-platform](https://en.wikipedia.org/wiki/Cross-platform_software) programming. A [standards](https://en.wikipedia.org/wiki/Specification_(technical_standard))-compliant C program that is written with [portability](https://en.wikipedia.org/wiki/Porting) in mind can be compiled for a very wide variety of computer platforms and operating systems with few changes to its source code. The language has become available on a very wide range of platforms, from embedded [microcontrollers](https://en.wikipedia.org/wiki/Microcontroller) to [supercomputers](https://en.wikipedia.org/wiki/Supercomputer).

AIM

To develop a software for solving financial applications of a customer in banking environment in order to nurture the needs of an end banking user by providing various way to perform banking task. Also to enable the user’s workspace to have additional functionalities which are not provided under a convectional banking software.

THEORY

Design is the first step into the development phase for any engineered product or system. Design is a creative process. A good design is the key to effective system. The term “design” is defined as “the process of applying various techniques and principles for the purpose of defining a process or a system in sufficient detail to permit its physical realization”. It may be defined as a process of applying various techniques and principles for the purpose of defining a device, a process or a system in sufficient detail to permit its physical realization. Software design sits at the technical kernel of the software engineering process and is applied regardless of the development paradigm that is used.

This system provides the basic services to manage bank accounts at a bank. Bank has many branches, each of which has an address and branch number. A client opens accounts at a branch. Each account is uniquely identified by an account number; each account is highly password protected; it has a password recovery option; it has a balance and a credit or overdraft limit. Withdraw and Deposit operations can be performed.

INFORMATION OBJECTIVE

Bank Management System would be able to maintain information and able to keep records of that particular event.

PROGRAM DEFINATION

Although the basic type of services offered by a bank depends upon the type of bank and the country,

The KMN BANK MANAGEMENT SYSTEM is an application for maintaining a person’s account in a bank. The system provides the access to the customer to create an account , deposit /withdraw the cash from his account, also to view reports of his account.

MOTIVATION BEHIND THIS TOPIC

To develop a system that will overlook the activities going transaction the particular bank without manual processing. All transaction will be updated automatically by using the information stored in record. The main motive behind this project is to develop a system which will able to handle the overall tasks going inside the institutions without much effort.

DESIGN

In [computer science](https://en.wikipedia.org/wiki/Computer_science), a **data structure** is a data organization, management and storage format that enables [efficient](https://en.wikipedia.org/wiki/Algorithmic_efficiency) access and modification. More precisely, a data structure is a collection of data values, the relationships among them, and the functions or operations that can be applied to the data.

Functions used in Bank Management System:

The source code for KMN Bank Management System is relatively short and easy to understand. We have divided this C mini project into many functions, most of which are related to different banking activities. Listed below are some of the more important functions which may help to understand the project better.

**Switch()** – This function displays the menu or welcome screen to perform different banking activities mentioned below.

Creation()- This function creates a new [customer](https://www.codewithc.com/customer-billing-system-project-in-c/) account. It asks for some  personal and banking details of the customer such as name, password, password recovery question ,etc.

Deposit()- This function is used by the customer to deposit the money in his/her account.

Withdraw()- This function is used by the customer to withdraw the money from his/her account.

Issue()- This function is used by the customer to report a problem he/she is facing during the banking process.

Rate()- This function helps the customer to rate the KMN Bank on his/her experience.

Changepass()- This function helps the customer to change his/her password when he/she forgets the Password.

Passwordset()- This function is used to set the password.

Balance()- This function is used by the customer to check his /her current balance by entering his/her account details.

CODE

#include <stdio.h>  
#include<conio.h>  
#include<stdlib.h>  
#include<string.h>  
#define MAX 20  
void create(int);  
void deposit(int);  
void withdraw(int);  
void bal(int);  
void issue(int);  
void rate();  
void passwordset(int);  
int checkpassword(int);  
void changepass(int);  
char ch;  
int i=101,p,accno[MAX];  
struct bank  
{  
        int no,quesno;  
        char name[20],lname[20],pass[20],backup[20];  
        float bal;  
        float dep;  
}s[20];  
        void main()  
       {  
                  int a=0,choice;  
                  printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                  printf("\n BANKING PROGRAM FOR MINI PROJECT");  
                  printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                  while(1)  
                        {  
                              printf("\n-------------------------------------------------");  
                              printf("\n              \*\*\*\*\*MAIN MENU\*\*\*\*\*                ");  
                              printf("\n-------------------------------------------------");  
                              printf("\nEnter 1 to Create a New Account in the KMN Bank");   
                              printf("\nEnter 2 to Deposit Amount in your account ");  
                              printf("\nEnter 3 to Withdraw Money from your Account");  
                              printf("\nEnter 4 to Enquire about the Balance");  
                              printf("\nEnter 5 to Issue with your account in KMN Bank");  
                              printf("\nEnter 6 to Rate KMN Bank");  
                              printf("\nEnter 7 if you forgot password");  
                              printf("\nEnter 8 to Exit");  
                              printf("\nEnter your choice:");  
                              scanf("%d",&choice);  
                              switch(choice)  
                                       {  
                                              case 1: creation(a);  
                                                         break;  
                                              case 2: deposit(a);  
                                                         break;  
                                              case 3: withdraw(a);  
                                                         break;  
                                              case 4: bal(a);  
                                                         break;  
                                              case 5: issue(a);  
                                                         break;  
                                              case 6: rate();  
                                                         break;  
                                              case 7: changepass(a);  
                                                        break;  
                                              case 8: printf("Thank you,It was a pleasure to serve you");  
                                                        exit(0);  
                                              defalut: printf("Please enter a number from 1-7 only");  
                                                         exit(0);  
                                        }  
                         }  
        }  
         void passwordset(int a)  
         {  
            int k;  
            for(k=0;k<20;k++)  
            {  
                ch=getch();  
                if(ch==13)  
                break;  
                if(ch==8)  
                {  
                k--;  
                s[a].pass[k]=NULL;  
                printf("\b");  
                }  
                else{  
                s[a].pass[k]=ch;  
                ch='\*';  
                printf("%c",ch);}  
            }  
            s[a].pass[k]='\0';  
            printf("\n The password you have entered is %s",s[a].pass);  
            printf("\n>>>>PLEASE REMEMBER YOUR PASSWORD<<<<\n");  
            printf("\nPLEASE SELECT A BACKUP QUESTION");  
            printf("\n1.Who is your favourite Actor?");  
            printf("\n2.Where were you born?");  
            printf("\n3.What is your favourite sport?");  
            printf("\n4.Which smartphone do you use?");  
            printf("\nEnter your choice:");  
            scanf("%d",&s[a].quesno);  
            switch(s[a].quesno)  
            {  
                case 1:printf("\nEnter you Answer:");  
                        scanf("%s",&s[a].backup);  
                        break;  
                case 2:printf("\nEnter you Answer:");  
                        scanf("%s",&s[a].backup);  
                        break;  
                case 3:printf("\nEnter you Answer:");  
                        scanf("%s",&s[a].backup);  
                        break;  
                case 4:printf("\nEnter you Answer:");  
                        scanf("%s",&s[a].backup);  
                        break;  
            }  
        }  
           int checkpassword(int a)  
            {  
                int k;  
                char password[20];  
                for(k=0;k<20;k++)  
                {  
                    ch=getch();  
                    if(ch==13)  
                    break;  
                    if(ch==8)  
                    {  
                        k--;  
                        password[k]=NULL;  
                        continue;  
                    }  
                    password[k]=ch;  
                    ch='\*';  
                    printf("%c",ch);  
                }  
                password[k]='\0';  
                if(strcmp(password,s[a].pass)==0)  
                return 1;  
                else  
                {  
                    printf("\nWrong Password");  
                    return 0;  
                }  
          }  
        void changepass(int a)  
        {  
            int c;  
            char ques[20];  
            printf("\nChoose your BACKUP question");  
            printf("\n1.Who is your favourite Actor?");  
            printf("\n2.Where were you born?");  
            printf("\n3.What is your favourite sport?");  
            printf("\n4.Which smartphone do you use?\n");  
            printf("Enter your choice:");  
            scanf("%d",&c);  
            if(c==s[a].quesno)  
            {  
                switch(c)  
                {  
                     case 1:printf("\nEnter you Answer:");  
                            scanf("%s",ques);  
                            if(strcmp(ques,s[a].backup)==0)  
                            {  
                                printf("\nYour password is: %s",s[a].pass);  
                            }  
                            else  
                                printf("\nSorry wrong answer");  
                                return;  
                    case 2:printf("\nEnter you Answer:");  
                            scanf("%s",ques);  
                               if(strcmp(ques,s[a].backup)==0)  
                            {  
                                printf("\nYour password is: %s",s[a].pass);  
                            }  
                            else  
                                printf("\nSorry wrong answer");  
                                return;  
                            break;  
                    case 3:printf("\nEnter you Answer:");  
                            scanf("%s",ques);  
                               if(strcmp(ques,s[a].backup)==0)  
                            {  
                                printf("\nYour password is: %s",s[a].pass);  
                            }  
                            else  
                                printf("\nSorry wrong answer");  
                                return;  
                            break;  
                    case 4:printf("\nEnter you Answer:");  
                            scanf("%s",ques);  
                               if(strcmp(ques,s[a].backup)==0)  
                            {  
                                printf("\nYour password is: %s",s[a].pass);  
                            }  
                            else  
                                printf("\nSorry wrong answer");  
                                return;  
                            break;  
                }  
            }  
            else  
            {  
            printf("\nSorry you selected the wrong question.Please try again\n");  
            }  
        }  
         void creation(int a)  
         {  
                   printf("\n Welcome to KMN Bank");  
                   printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                   printf("\n       ACCOUNT CREATION ");  
                   printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                   printf("\nYour Account Number is :%d",i);  
                              s[a].no = i;  
                   printf("\nEnter your First Name:");  
                              scanf("%s",s[a].name);  
                   printf("Enter your Last Name:");  
                              scanf("%s",s[a].lname);  
                   strcat(s[a].name,s[a].lname);  
                   printf("Set your Password: ");  
                   passwordset(a);  
                   printf("\nYour Minimum Balance in your account at any given point of time is Rs.500 \n");  
                              s[a].dep=500;  
                              a++;  
                              i++;  
         }  
              void deposit(int a)  
        {  
                   int k,no,b=0,copy=0;  
                   float depo ;  
                   printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                   printf("\n              DEPOSIT ");  
                   printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                   printf("\nEnter your Account Number:");  
                   scanf("%d",&no);  
                   for(b=0;b<i;b++)  
                       {  
                           if(s[b].no == no)  
                               copy = b;  
                       }  
                           if(s[copy].no == no)  
                             {  
                                        printf("Enter your password: ");  
                                        k=checkpassword(a);  
                                        if(k==0)  
                                            return;  
                                        else  
                                        {  
                                        printf("\n Account Number : %d",s[copy].no);  
                                        printf("\n Name : %s",s[copy].name);  
                                        printf("\n Balance : %f",s[copy].dep);  
                                        printf("\n How Much Money is to be Deposited Now:");  
                                        scanf("%f",&depo);  
                                        s[copy].dep+=depo;  
                                        printf("\n The Balance Amount is :%f",s[copy].dep);  
                                        getch();  
                                        }  
                             }  
                            else  
                             {  
                                       printf("\nACCOUNT NUMBER YOU HAVE ENTERED IS INVALID");  
                                       getch();  
                              }  
         }  
             void withdraw(int a)  
         {  
                    int k,no,b=0,copy=0;  
                    float aa;  
                    printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                    printf("\n             WITHDRAW ");  
                    printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                    printf("\nEnter your Account Number");  
                    scanf("%d",&no);  
                    for(b=0;b<i;b++)  
                        {  
                               if(s[b].no == no)  
                                 copy = b;  
                        }  
                              if(s[copy].no == no)  
                                 {  
                                        printf("Enter your password: ");  
                                        k=checkpassword(a);  
                                        if(k==0)  
                                            return;  
                                        else  
                                        {  
                                        printf("\n Account Number : %d",s[copy].no);  
                                        printf("\n Name : %s",s[copy].name);  
                                        printf("\n Balance : %f",s[copy].dep);  
                                        printf("\n How Much Do You Want To Withdraw Now:");  
                                        scanf("%f",&aa);  
                                        if(s[copy].dep<aa+500)  
                                           {  
                                                  printf("\nCANNOT WITHDRAW, YOUR ACCOUNT HAS MINIMUM BALANCE");  
                                                  getch();  
                                           }  
                                          else  
                                           {  
                                                  s[copy].dep-=aa;  
                                                  printf("\nThe Balance Amount is:%f",s[copy].dep);  
                                            }  
                                        }  
                                 }  
                               else  
                                {  
                                      printf("\nACCOUNT NO YOU HAVE ENTERED IS INVALID");  
                                      getch();  
                                }  
                               getch();  
           }

void bal(int a)  
          {  
                  int k,no,b=0,copy=0;  
                  float aa;  
                  printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                  printf("\n         BALANCE ENQUIRY ");  
                  printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                  printf("\n Enter your Account Number:");  
                  scanf("%d",&no);  
                  for(b=0;b<i;b++)  
                      {  
                           if(s[b].no == no)  
                             copy = b;  
                      }  
                           if(s[copy].no==no)  
                              {  
                                    printf("Enter your password: ");  
                                    k=checkpassword(a);  
                                    if(k==0)  
                                        return;  
                                    else  
                                        {  
                                            printf("\n Account Number :

%d",s[copy].no);  
                                            printf("\n Name : %s",s[copy].name);  
                                            printf("\n Your Balance is: %f",s[copy].dep);  
                                            getch();  
                                        }  
                              }  
                             else  
                             {  
                                    printf("/n ACCOUNT NO. ENTERED IS INVALID");  
                                    getch();  
                              }  
            }  
                void issue(int a)  
            {  
                 int no,b=0,copy=0,ch;  
                 char chr[100];  
                 float aa;  
                 printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                 printf("\n PROBLEMS YOU ARE FACING");  
                 printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                 printf("\n Enter your Account Number:");  
                 scanf("%d",&no);  
                 for(b=0;b<i;b++)  
                        {  
                               if(s[b].no == no)  
                                 copy = b;  
                        }  
                              if(s[copy].no == no)  
                                 {  
                                        printf("\n Account Number : %d",s[copy].no);  
                                        printf("\n Name : %s",s[copy].name);  
                                        printf("\n What is Problem that you are Facing?");  
                                        printf("\n Enter 1 If You Are Facing Technical Issue");  
                                        printf("\n Enter 2 If You Have Issue Regarding Customer Service");  
                                        printf("\n Enter 3 For Any Other Issue");  
                                        printf("\n Enter 4 To Exit");  
                                        printf("\n Enter Your Choice:");  
                                        scanf("%d",&ch);  
                              switch(ch)  
                                       {  
                                              case 1: printf("\n Please describe the problem you are facing\n");  
                                                      scanf("%s",chr);  
                                                      printf("\n We are extremely sorry for the inconvenience caused.We will surely look upon to your issue and get back to you as soon as possible.Thank you for your cooperation\n");  
                                                         break;  
                                              case 2: printf("\n Please describe the problem you are facing\n");  
                                                      scanf("%s",chr);  
                                                      printf("\n We are extremely sorry for the inconvenience caused.We will definitely see to it that this sort of issue never happens again.Thank you for your cooperation\n");  
                                                         break;  
                                              case 3: printf("\n Please describe the problem you are facing\n");  
                                                      scanf("%s",chr);  
                                                      printf("\n We are extremely sorry for the inconvenience caused.We will surely look upon to your issue and get back to you as soon as possible.Thank you for your cooperation\n");  
                                                         break;  
                                              case 4: break;  
                                              defalut: printf("Please enter a number from 1-4 only");  
                                                         break;  
                                        }  
                                 }  
                          else  
                                 {  
                                      printf("\n ACCOUNT NO YOU HAVE ENTERED IS INVALID");  
                                      getch();  
                                 }

            }  
                void rate()  
            {  
                 int rate,no,b=0,copy=0;  
                 char chr[100];  
                 float aa;  
                 printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                 printf("\n  RATE KMN BANK ");  
                 printf("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
                 printf("\n How Much would you like to rate our Bank out of 10?\n");  
                 scanf("%d",&rate);  
                 if (rate>7 && rate<=10)  
                    printf("\nThank you for rating our Bank %d / 10.\n We look forward to keep serving you",rate);  
                 else if (rate>4 && rate<=7)  
                    printf("\n Thank you for rating our bank %d / 10",rate);  
                 else if(rate>=0 && rate<=5)  
                    {  
                        printf("\n Thank you for rating our Bank %d / 10",rate);  
                        printf("\n Hope we are able to serve you better next time.");  
                    }

            }

CODE OUTPUT

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
 BANKING PROGRAM FOR MINI PROJECT  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
-------------------------------------------------  
              \*\*\*\*\*MAIN MENU\*\*\*\*\*  
-------------------------------------------------  
Enter 1 to Create a New Account in the KMN Bank  
Enter 2 to Deposit Amount in your account  
Enter 3 to Withdraw Money from your Account  
Enter 4 to Enquire about the Balance  
Enter 5 to Issue with your account in KMN Bank  
Enter 6 to Rate KMN Bank  
Enter 7 if you forgot password  
Enter 8 to Exit  
Enter your choice:1

 Welcome to KMN Bank  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
       ACCOUNT CREATION  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
Your Account Number is :101  
Enter your First Name:Kaiwan  
Enter your Last Name:Randeria  
Set your Password: \*\*\*\*\*\*\*\*\*  
 The password you have entered is kaiwan123  
>>>>PLEASE REMEMBER YOUR PASSWORD<<<<

PLEASE SELECT A BACKUP QUESTION  
1.Who is your favourite Actor?  
2.Where were you born?  
3.What is your favourite sport?  
4.Which smartphone do you use?  
Enter your choice:2

Enter you Answer:mumbai

Your Minimum Balance in your account at any given point of time is Rs.500

-------------------------------------------------  
              \*\*\*\*\*MAIN MENU\*\*\*\*\*  
-------------------------------------------------  
Enter 1 to Create a New Account in the KMN Bank  
Enter 2 to Deposit Amount in your account  
Enter 3 to Withdraw Money from your Account  
Enter 4 to Enquire about the Balance  
Enter 5 to Issue with your account in KMN Bank  
Enter 6 to Rate KMN Bank  
Enter 7 if you forgot password  
Enter 8 to Exit  
Enter your choice:2

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
              DEPOSIT  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
Enter your Account Number:101  
Enter your password: \*\*\*\*\*\*\*\*\*  
 Account Number : 101  
 Name : KaiwanRanderia  
 Balance : 500.000000  
 How Much Money is to be Deposited Now:1500

 The Balance Amount is :2000.000000  
-------------------------------------------------  
              \*\*\*\*\*MAIN MENU\*\*\*\*\*  
-------------------------------------------------  
Enter 1 to Create a New Account in the KMN Bank  
Enter 2 to Deposit Amount in your account  
Enter 3 to Withdraw Money from your Account  
Enter 4 to Enquire about the Balance  
Enter 5 to Issue with your account in KMN Bank  
Enter 6 to Rate KMN Bank  
Enter 7 if you forgot password  
Enter 8 to Exit  
Enter your choice:3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
             WITHDRAW  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
Enter your Account Number101  
Enter your password: \*\*\*\*\*\*\*\*\*  
 Account Number : 101  
 Name : KaiwanRanderia  
 Balance : 2000.000000  
 How Much Do You Want To Withdraw Now:450

The Balance Amount is:1550.000000  
-------------------------------------------------  
              \*\*\*\*\*MAIN MENU\*\*\*\*\*  
-------------------------------------------------  
Enter 1 to Create a New Account in the KMN Bank  
Enter 2 to Deposit Amount in your account  
Enter 3 to Withdraw Money from your Account  
Enter 4 to Enquire about the Balance  
Enter 5 to Issue with your account in KMN Bank  
Enter 6 to Rate KMN Bank  
Enter 7 if you forgot password  
Enter 8 to Exit  
Enter your choice:4

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
         BALANCE ENQUIRY  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
 Enter your Account Number:101  
Enter your password: \*\*\*\*\*\*\*\*\*  
 Account Number : 101  
 Name : KaiwanRanderia  
 Your Balance is: 1550.000000  
-------------------------------------------------  
              \*\*\*\*\*MAIN MENU\*\*\*\*\*  
-------------------------------------------------  
Enter 1 to Create a New Account in the KMN Bank  
Enter 2 to Deposit Amount in your account  
Enter 3 to Withdraw Money from your Account  
Enter 4 to Enquire about the Balance  
Enter 5 to Issue with your account in KMN Bank  
Enter 6 to Rate KMN Bank  
Enter 7 if you forgot password  
Enter 8 to Exit  
Enter your choice:5

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
 PROBLEMS YOU ARE FACING  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
 Enter your Account Number:101

 Account Number : 101  
 Name : KaiwanRanderia  
 What is Problem that you are Facing?  
 Enter 1 If You Are Facing Technical Issue  
 Enter 2 If You Have Issue Regarding Customer Service  
 Enter 3 For Any Other Issue  
 Enter 4 To Exit  
 Enter Your Choice:2

 Please describe the problem you are facing  
Didnot like service

 We are extremely sorry for the inconvenience caused.We will definitely see to it that this sort of issue never happens again.Thank you for your cooperation  
-------------------------------------------------  
              \*\*\*\*\*MAIN MENU\*\*\*\*\*  
-------------------------------------------------  
Enter 1 to Create a New Account in the KMN Bank  
Enter 2 to Deposit Amount in your account  
Enter 3 to Withdraw Money from your Account  
Enter 4 to Enquire about the Balance  
Enter 5 to Issue with your account in KMN Bank  
Enter 6 to Rate KMN Bank  
Enter 7 if you forgot password  
Enter 8 to Exit  
Enter your choice:6

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
  RATE KMN BANK  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
 How Much would you like to rate our Bank out of 10?  
6

 Thank you for rating our bank 6 / 10  
-------------------------------------------------  
              \*\*\*\*\*MAIN MENU\*\*\*\*\*  
-------------------------------------------------  
Enter 1 to Create a New Account in the KMN Bank  
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Enter 3 to Withdraw Money from your Account  
Enter 4 to Enquire about the Balance  
Enter 5 to Issue with your account in KMN Bank  
Enter 6 to Rate KMN Bank  
Enter 7 if you forgot password  
Enter 8 to Exit  
Enter your choice:7

Choose your BACKUP question  
1.Who is your favourite Actor?  
2.Where were you born?  
3.What is your favourite sport?  
4.Which smartphone do you use?  
Enter your choice:2

Enter you Answer:mumbai

Your password is: kaiwan123  
-------------------------------------------------  
              \*\*\*\*\*MAIN MENU\*\*\*\*\*  
-------------------------------------------------  
Enter 1 to Create a New Account in the KMN Bank  
Enter 2 to Deposit Amount in your account  
Enter 3 to Withdraw Money from your Account  
Enter 4 to Enquire about the Balance  
Enter 5 to Issue with your account in KMN Bank  
Enter 6 to Rate KMN Bank  
Enter 7 if you forgot password  
Enter 8 to Exit  
Enter your choice:8  
Thank you,It was a pleasure to serve you.

SCOPE OF THE PROJECT

This project can be implemented in any bank by fulfilling basic requirements.

CONCLUSION

This **KMN Bank Management System** will provide the transaction going inside the bank without manual processing. It can keep the information of Account type, Account opening form, Deposit, Withdrawal, and Searching the transaction, Transaction report, Individual account opening form. All information will be updated automatically by using the information stored in the system files.