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Ballari-583 104 (Karnataka) (India)
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

A Mini-Project Report

On

"ONLINE PAYMENT"

Submitted By

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Under the Guidance of

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Dept. of CS&E, BITM, Ballari.

Visvesvaraya Technological University

Belagavi, Karnataka

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This is to certify Mr. / Ms. ……CHITRIKI…GANESH…… of ……………III……………Semester, BE, Computer Science & Engineering bearing University Seat No. ……3BR19CS040…………..has successfully completed the Mini Project work prescribed by the Institution / Department for the academic year 2020-2021.

Signature of guide	Signature of HOD
MS. AISHWARYA.R.NAYAK	**Dr. R.N. Kulkarni**

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Signature of guide

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Signature of HOD

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Mini-Project Evaluation Form

Semester	**Section**	**Batch No.**	**10**	**Academic Year: 2020-21**
3	**B**	**Project Title**	**ONLINE PAYMENT**	

Student Name:	**CHITRIKI GANESH**								
USN:	**3BR19CS040**								
	Evaluation Score						**Total Score)**	**Average**	**Signature**
	A (5)	**B (5)**	**C (5)**	**D (5)**	**E (5)**	**F (5)**			
Phase – I (15 Marks)									
Phase – II (15 Marks)									

Student Name:	**TUSHAR TELKAR**								
USN:	**3BR19CS168**								
	Evaluation Score						**Total Score**	**Average**	**Signature**
	A (5)	**B (5)**	**C (5)**	**D (5)**	**E (5)**	**F (5)**			
Phase – I (15 Marks)									
Phase – II (15 Marks)									

Student Name:	**VENU GOPAL REDDY M**								
USN:	**3BR19CS178**								
	Evaluation Score						**Total Score**	**Average**	**Signature**
	A (5)	**B (5)**	**C (5)**	**D (5)**	**E (5)**	**F (5)**			
Phase – I (15 Marks)									
Phase – II (15 Marks)									

Parameter(s)

A: Problem Identification	**B: Objectives & Methodology**	**C: Team Work**
D: Presentation	**E: Report**	**F: Attendance**

ACKNOWLEDGEMENT

The satisfactions that accompany the successful completion of my mini-project on **"{ONLINE PAYMENT}"** would be incomplete without the mention of people who made it possible, whose noble gesture, affection, guidance, encouragement and support crowned my efforts with success. It is my privilege to express my gratitude and respect to all those who inspired me in the completion of my mini-project.

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	NAME	USN
1.	**CHITRIKI GANESH**	**3BR19CS040**
2.	**TUSHAR TELKAR**	**3BR19CS168**
3.	**VENU GOPAL REDDY M**	**3BR19CS178**

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ABSTRACT

To design and implement online payment .We are moving towards the digital methods of payment. We are developing a mini project on online payment. We have taken the reference of Google pay and phone pay. In this project we are creating an account for online transaction. We are providing an option for deposit the amount then we are allowing to transact between two bank accounts. There is bank to bank transfer in this project. We are allowing to view the balance of the user created the bank account. We are providing a highly secure UPI pin for each of the bank account. We are using the concept of data file handling in this project to store the data in specific records. We have designed the project in such a way that the user can understand very easily.

CHAPTER 1

INTRODUCTION

Online payments are payments that are initiated over the internet for goods or services purchased either online or offline. Common methods to facilitate this include:

- Bank Debits via online mandate (often referred to as Direct Debit - which is the terminology we'll use in this guide)
- Bank transfers (also referred to as wire transfers)
- Online credit or debit card transactions
- Digital wallet payments (such as PayPal)

Payments can be one-off (e.g. e-commerce transactions like purchasing clothing) or recurring (e.g. subscriptions to services like Netflix or Spotify).

For your business to take online payments you can either take them directly yourself or pay an intermediary to take them. Each approach has its merits, as this guide will explain.

What the exact process for taking online payments looks like depends on the payment method in question. The following entities are typically involved:

- The customer
- The customer's bank (or other entity that holds the funds they're paying with - e.g. a digital wallet)
- The business (often referred to as the 'merchant' - we'll use these terms interchangeably in this guide)
- The business' bank
- Organisations that help authorise and process the transaction, resulting in the funds being transferred from customer to merchant

In the following pages of this chapter, we explore the payment process for four common online payment methods - Direct Debit, bank transfers, credit and debit card, and digital wallets.

1.1 VISION, MISSION AND OBJECTIVES

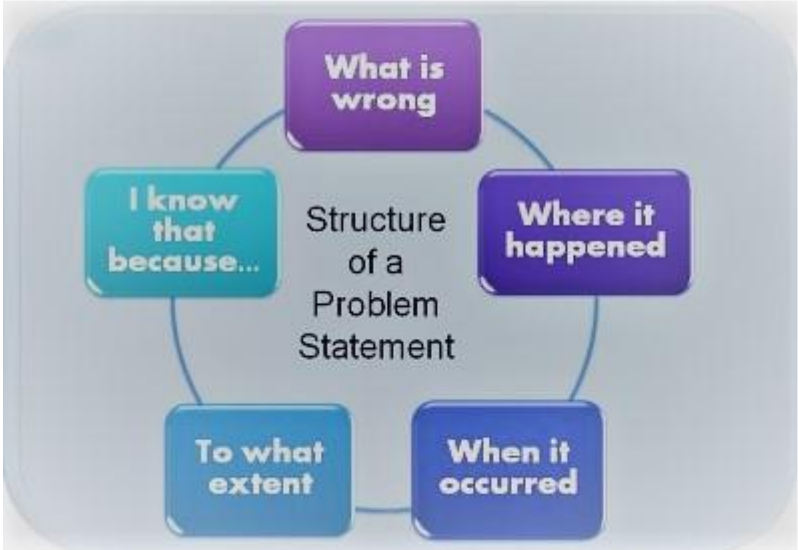
VISION: To proactively encourage electronic payment systems for ushering in a less-cash society in India.

MISSION: To ensure payment and settlement systems in the country are safe, efficient, interoperable, authorised, accessible, inclusive and compliant with international standards.

OBJECTIVES: Improve the ease of conducting card/digital transactions for an individual. Reduce the risks and costs of handling cash at the individual level. Reduce costs of managing cash in the economy.

1.2 PROBLEM STATEMENT

Despite security standards, sending a customer's payment information to a payment gateway through a merchant is one of the key reasons for customer data theft in the ecommerce system today. When a customer's payment information is sent to an online merchant, the merchant has the capability to obtain the customer's payment information like credit card number, credit card issuer, expiration date, last four digits of a credit card, and card holder's name from a payment gateway. Even if a merchant receives a customer's payment information in an encrypted form, he can save the encrypted information and decrypt it later. The current payment systems allow a merchant to obtain some form of a customer's payment information so that a merchant can claim the validity of a transaction in case of dispute/charge backs. However, a merchant does not necessarily need a customer's payment information to prove the validity of a transaction. Other information related to a purchase can be used to prove the validity of a transaction. Frauds that occur on the Internet today are mostly from hackers, fraud merchants, spammers, phishers, malware, spyware and data thieves who place attacks on networks and personal computers to corrupt and steal information. Hence, to avoid these risks, it is desirable not to send a customer's payment information to a merchant at all, because it creates the possibilities of security breach and information leaks from a merchant's side.



1.3 EXISTING SYSTEM

1. Authorize.Net.
2. PayPal.
3. Amazon Payments.
4. Stripe.
5. Braintree.
6. WePay.
7. 2Checkout.
8. Phone Pe
9. Google Pay

1.4 PROPOSED SYSTEM

Online Payment Systems	**Offline Payment Systems**
Credit-card payment systems: • Proposal using no cryptography: First Virtual. • Proposals using Cryptography: CyberCash, iKP. • Proposed standard: SET. Micropayments:	Electronic purses, using smart cards: • Shared key, e.g., Danmont (Denmark), Proton (Belgium). • Public key, e.g., CLIP (Europe-wide). • Not known publicly: Mondex (UK). • Standardisation: CEN Intersector Electronic Purse, EMV Electronic Purse.

• Millicent, NetBill, Phone-Ticks, PayWord. Payment switches: • Globe ID(R) by GC Tech. • OpenMarket payment switch. Electronic cheques: • FSTC Electronic Check Project.	

The main design decision for electronic payment systems is how to authorise payments: how to enable the honest payer to convince the payee to accept a legitimate payment while preventing the dishonest payer from making unauthorised payments. For instance, it must not be possible to spend the same money twice by sending the same messages to two different payees. All this must be done in a way that does not violate the privacy of honest payers and payees.

CHAPTER 2

SYSTEM ANALYSIS AND REQUIREMENTS

2.1 REQUIREMENT SPECIFICATIONS

2.1.1 HARDWARE REQUIREMENTS

- PC
- PROCESSOR: Pentium IV/Dual core/Core duo processors
- RAM: 2GB/4GB/8GB and above
- HARD DISK: 1TB and above

2.1.2 SOFTWARE REQUIREMENTS

- PC
- PROGRAMMING LANGUAGE: C
- OPERATING SYSTEM: WINDOWS XP/7/8/10 or LINUX

2.2 FUNCTIONAL REQUIREMENTS

Following are the services which this system will provide. These are the facilities and functions required by the customer.

a) Online balance check
b) Online shopping opportunity
c) Online data entry by the staff
d) Updating the data
e) Balance transfer
f) Check book Allotment

Process Specification:

All the process mentioned in the Data flow Diagram are described as below.

Customer Login:

Each Customer will have its account Id and password. This page will require both of these attributes for them to access their account.

Bank Features:

It isn’t sure that each visitor of the Bank’s website will be a customer. He/she would be a normal visitor interested in reading the features bank provides. The website’s main page should provide him the basic features and benefits of the bank to these types of users.

Order for an Account:

A new visitor the Bank’s website would be interested in opening a new account in the Bank. So he must be provided an easy path to create a new account in the bank.

Fill the Form:

New comer should have to fill the form to register him/her self with the bank. After filling the form, If the values inputted by the user were logical correct, his contact details will be sent to the administration block else he will be asked to input the values again.

Welcome Page:

After a user will be login, he will provided an interface offering different tasks (Here this interface will provide many of the functionalities, which the customer needs in the software). He has to choose a task to carry on his work.

Staff Login:

On the Website main page, A staff login link will also be provided. Bank staff will use to input their ID’s and passwords to access their account. Here the type of staff will also be recognized, if he will be of administration block, he will be sent to the administration module else he will be sent to the record management module.

Check the balance:

After logging in, if the user wants to check his balance he will have to click the balance check link. It will tell him his current balance of the account through which he is logged in.

Transfer Balance:

If user wants to transfer his money to some other account, then this module will provide him this opportunity. He will input the account details of the receiver. After this process, server will check the balance of the user and if the transfer balance will be less than the account balance then transfer will take place else he will be alarmed that he has lo balance.

Account detail teller:

If the user physically contacts the Bank branch then he will provide his account detail to the management staff who will inform him about his account. User will be able to do every task at the branch that he can do online from his home.

Order Cash Book:

If user’s Cheque book has been finished, he will be able to order a new cheque book from this module.

2.3 NON FUNCTIONAL REQUIREMENTS

Those requirements which are not the functionalities of a system but are the characteristics of a system are called the non-functionalities. Every software system has some non-functionalities. Just fulfilling the requirements of the user is not a good task, keeping the system accurate, easy to maintain, reliable and secure is also a basic part of software engineering. Online Banking System must have the following non-functional requirements so that I could be said as a complete system.

1. **Conformance to specific standards**
2. **Performance constraints:** This system must be fit according to the performance wise. It should use less memory and will be easily accessible by the user. Memory management should be done wisely so that none of the memory part goes wasted.
3. **Hardware limitations:** It should be designed in such a way that cheap hardware must be installed to access and use it effectively. It should be platform independent. There should be no hardware limitations. In should be designed to work with the low specification hardware so that it could easily work with the high specification hardware.
4. **Maintainable:** Each of the modules should be designed in such a way that a new module can easily be integrated with it.
5. **Reliable**
6. **Testable**

CHAPTER 3

SYSTEM ARCHITECTURE DESCRIPTION

3.1 SYSTEM ARCHITECTURE

System Architecture is a theoretical blueprint for the construction and performance of a system. It consists of customer requirements, conventions, rules, and standards employed in a framework.

Data flow Diagram:

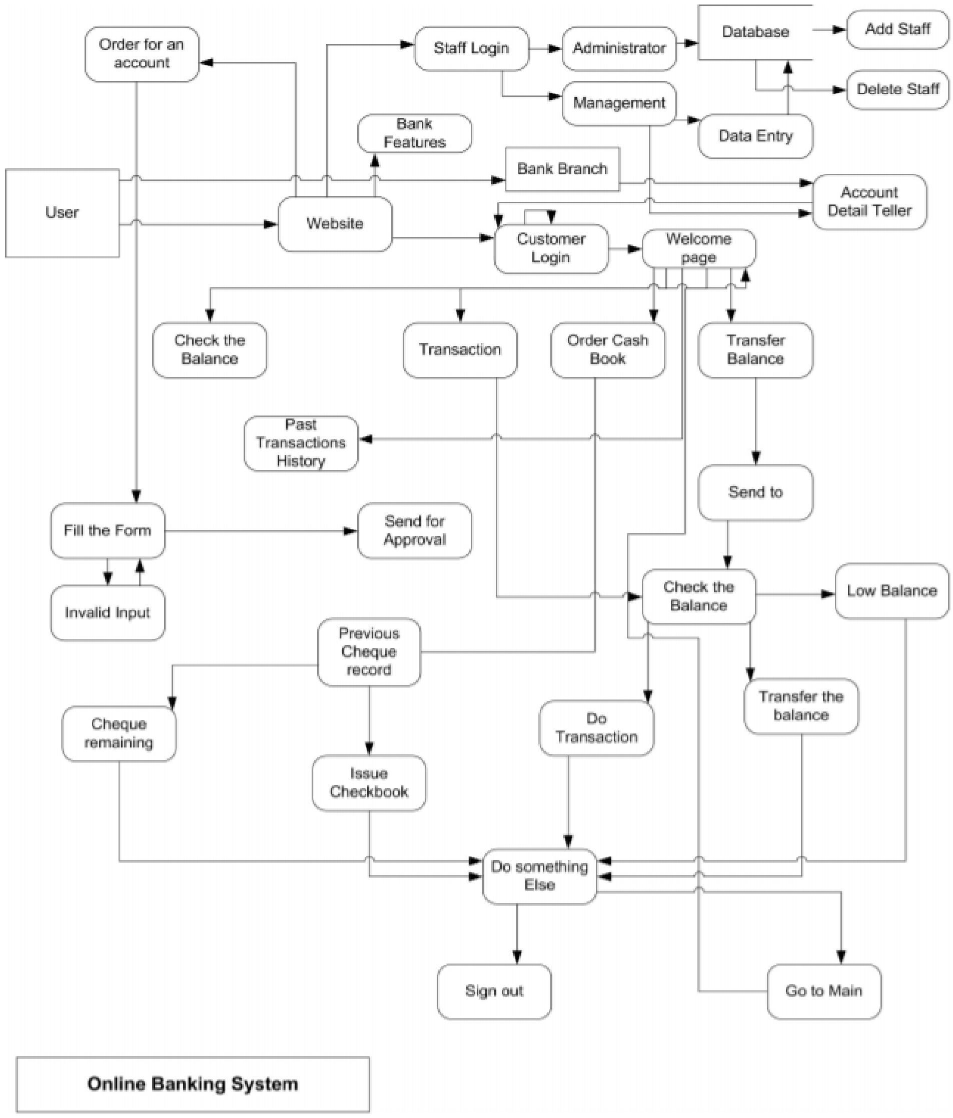


Fig: Data flow Diagram of Online Payment

Use Case Diagram:

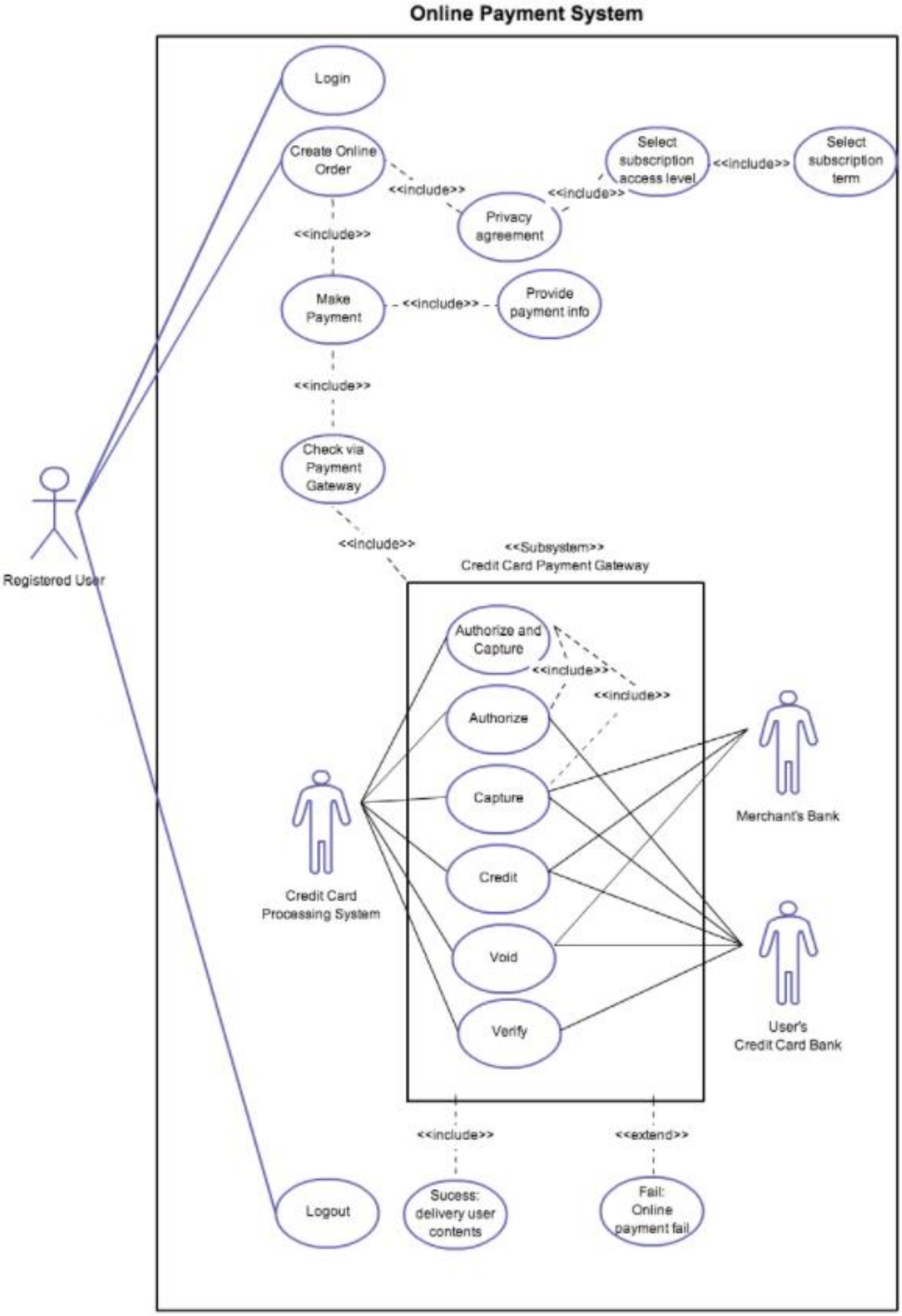


Fig: Use Case Diagram of Online Payment

CHAPTER 4

IMPLEMENTATION

4.1 OVERVIEW OF MODULES / COMPONENTS

There are several modules required to complete this system. Here we are discussing the main modules or core modules of the system

1. Create an account
2. Deposit amount
3. Transaction
4. View account

4.2 DETAILED DESIGN

1. **Creating an Account:** This module deals with creating an account for the user with a unique account number for each user. Later the user can generate the UPI pin according to his choice.
2. **Deposit:** This module deals with depositing the money in the specific account number with the help of UPI pin which they have generated at the time of creating an account.
3. **View Balance:** This module helps to view the balance of the user and his information regarding to his account.
4. **Transaction:** This module helps to transfer the money from one account to another account only when the customer enter his correct UPI pin which is generated at the time of creating an account.

4.3 SOURCE CODE

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <conio.h>

typedef struct Bank
{
   char u_pass[25];
   char name[25];
```

```
    char ph_no[20];
    int Deposit;
    char Acc[12];
} bank;
bank crt, check, check1, tra1, dep;
void acc();
void view();
void deposit();
void transact();
void balance();
void acc()
{
    int z;

    char IFSC[9];
    FILE *a;
    system("cls");
aa:
    a = fopen("record.txt", "a+");
    printf("\n\n\n");
    printf("==================================== Create Bank Account
===================================\n\n");
    printf("\n\t\t\tEnter the last 3 digit account number:");
    scanf("%s", check.Acc);
    if (strlen(check.Acc) == 3)
    {
        char account[13] = "10000000";
        // account = strcat(IFSC, check.Acc);
        strcat(account, check.Acc);
        // printf("%s", account);
        z = strlen(account);
        while (fscanf(a, "%s %s %s %s %d\n", &crt.Acc, &crt.u_pass, &crt.name, &crt.ph_no,
&crt.Deposit) != EOF)
        {
         if (z == 11)
         {
            if (strcmp(account, crt.Acc) == 0)
            {

printf("\n===========================================================
=======================\n");
               printf("\t\t\tAccount no. already in use!\n");
               printf("\t\t\tPress any key...\n");

printf("\n===========================================================
=======================\n");
               getch();
               fclose(a);
               goto aa;
            }
         }
         else
         {
            printf("\n\n\t\t\tEnter valid Account number");
            goto aa;
         }
      }
      // crt.Acc = check.Acc;
      strcpy(crt.Acc, account);
      printf("\n\n\t\t\tUPI : ");
      scanf("%s", crt.u_pass);
      printf("\n\t\t\tName :");
      scanf("%s", crt.name);
      printf("\n\t\t\tPhone number : ");
      scanf("%s", crt.ph_no);
   cc:
      printf("\n\t\t\tAmt to Deposit : ");
      scanf("%d", &crt.Deposit);
```

```
        if (crt.Deposit >= 500 && crt.Deposit <= 25000)
        {
            fprintf(a, "%s %s %s %s %d\n", crt.Acc, crt.u_pass, crt.name, crt.ph_no, crt.Deposit);
        }
        else
        {

printf("\n==========================================================
======================\n");
            printf("\t\t\tInvalid Amount\n");
            printf("\n\t\t\tEnter Deposit Amount with in range Rs:500 to Rs:25000");
            printf("\n\t\t\tPress any key...\n");

printf("\n==========================================================
======================\n");
            getch();
            goto cc;
        }

        printf("\n=================================          Account          Created
=================================\n");
        fclose(a);
    }
    else
    {
        printf("\n\n\t\t\t\tInvalid input");
        getch();
        fclose(a);
        goto aa;
    }
}
void view()
{
    FILE *a;
```

```
   int test = 0;
   int b = 0;
   char uname[10], c = ' ';
   char pword[10], code[10];
aa:
   a = fopen("record.txt", "r");
   system("cls");
   printf("\n\n\n");
   printf("\n===================================          My          Account
===================================\n");
   printf("\n\t\t\tEnter the account number : ");
   scanf("%s", check.Acc);
   printf("\n\t\t\tEnter the UPI : ");
   int i = 0;
   while (i < 10)
   {
      pword[i] = getch();
      c = pword[i];
      if (c == 13)
         break;
      else
         printf("*");
      i++;
   }
   pword[i] = '\0';
   while (fscanf(a, "%s %s %s %s %d\n", &crt.Acc, &crt.u_pass, &crt.name, &crt.ph_no,
&crt.Deposit) != EOF)
   {
      if (strcmp(check.Acc, crt.Acc) == 0 && strcmp(pword, crt.u_pass) == 0)
      {
         test = 1;
         printf("\n\n--------------------------------------------------------------------------------");
         printf("\n\t\t\t-->Name : %s", crt.name);
         printf("\n\t\t\t-->Phone number : %s", crt.ph_no);
```

```
            printf("\n\t\t\t-->Total Balance : $%d", crt.Deposit);
            printf("\n-------------------------------------------------------------------------------------");
            printf("\n\t\t\tPress any key...\n");
            break;
        }
    }
    if (test != 1)
    {
        printf("\n\n\t\t\tInvalid Account Number");
        printf("\n\n\t\t\tPress any key...\n");
        getch();
        goto aa;
    }
    fclose(a);
}
void deposit()
{
    FILE *a, *b;
    int test = 0;
    char uname[10], c = ' ';
    char pword[10], code[10];
    system("cls");
aa:
    a = fopen("record.txt", "r");
    b = fopen("new_record.txt", "w");
    system("cls");
    printf("\n\n\n");
    printf("\n===================================                    DEPOSIT
===================================\n");
    printf("\n\t\t\tEnter the account number:");
    scanf("%s", check.Acc);
    printf("\n\t\t\tEnter the UPI : ");
    int i = 0;
    while (i < 10)
    {
        pword[i] = getch();
        c = pword[i];
        if (c == 13)
            break;
        else
            printf("*");
        i++;
    }
    pword[i] = '\0';
    while (fscanf(a, "%s %s %s %s %d\n", &crt.Acc, &crt.u_pass, &crt.name, &crt.ph_no, &crt.Deposit) != EOF)
    {
        if (strcmp(check.Acc, crt.Acc) == 0 && strcmp(pword, crt.u_pass) == 0)
        {
            test = 1;
            printf("\n\n\t\t\tEnter amount to Deposit : ");
            scanf("%d", &dep.Deposit);
            if (dep.Deposit >= 100 && dep.Deposit <= 25000)
            {
                crt.Deposit += dep.Deposit;
                printf("\n\n\t\t\tYour Amount is successfully deposited ");
                printf("\n\n\t\t\tPress any key to go to MAIN MENU..... ");
                fprintf(b, "%s %s %s %s %d\n", crt.Acc, crt.u_pass, crt.name, crt.ph_no, crt.Deposit);
            }
            else
            {
                printf("\n\t\t\tEnter Deposit amount with in range Rs:100 to Rs:25000");
                printf("\n\t\t\tTransaction failed");
                getch();
                fclose(a);
                fclose(b);
                goto aa;
            }
        }
        else
        {
            fprintf(b, "%s %s %s %s %d\n", crt.Acc, crt.u_pass, crt.name, crt.ph_no, crt.Deposit);
        }
    }
    if (test != 1)
    {
        printf("\n\n\t\t\tInvalid Account Number");
        printf("\n\n\t\t\tPress any key to go to MAIN MENU..... ");
        getch();
        fclose(a);
        fclose(b);
        goto aa;
    }
    fclose(a);
    fclose(b);
    remove("record.txt");
    rename("new_record.txt", "record.txt");
}
void transact()
{
    FILE *a, *b, *c, *d;
    int test = 0, test2 = 0, test3 = 0;
    long int amt;
    char ch;
    char uname[10], e = ' ';
    char pword[10], code[10];

aa:
    a = fopen("record.txt", "r");
    b = fopen("new_record.txt", "w");
    system("cls");
    printf("\n\n\n");
    printf("\n===================================                My              Account
===================================\n");
    printf("\n\t\t\tEnter the Sender account number:");
    scanf("%s", check.Acc);
    printf("\n\n\t\t\tEnter the UPI : ");
    int i = 0;
    while (i < 10)
    {
        pword[i] = getch();
        e = pword[i];
        if (e == 13)
            break;
        else
            printf("*");
        i++;
    }
    pword[i] = '\0';
    printf("\n\n\n\t\t\tEnter amount to transact : ");
    scanf("%ld", &amt);
    if (amt >= 1 && amt <= 25000)
    {
        while (fscanf(a, "%s %s %s %s %d\n", &crt.Acc, &crt.u_pass, &crt.name, &crt.ph_no,
&crt.Deposit) != EOF)
        {
            if (strcmp(check.Acc, crt.Acc) == 0 && strcmp(pword, crt.u_pass) == 0)
            {
                test = 1;
                if (amt > crt.Deposit)
                {
                    test3 = 1;
                    printf("\n\n\t\t\tBalance Amt : %d\n", crt.Deposit);
                    printf("\n\n\t\t------------------------------------------------------------");
                    printf("\n\n\t\t\tInsufficient Balance?\n");
```

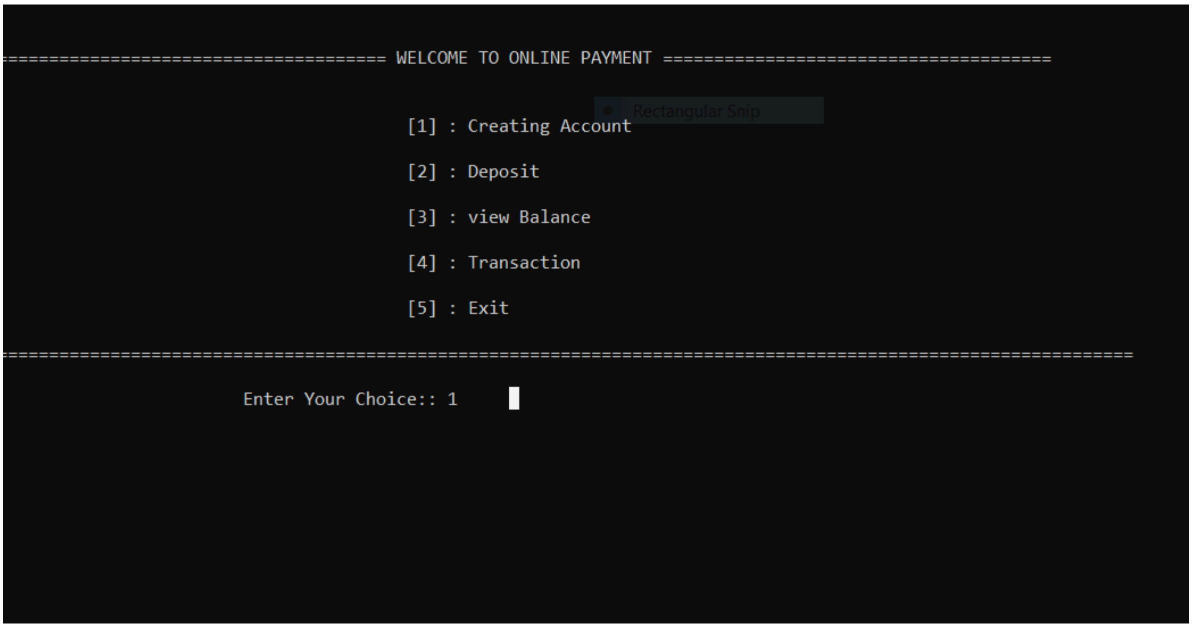
```
          printf("\n\n\t\t\tTransaction Failed");
          printf("\n\n\t\t-------------------------------------------------------------");
          printf("\n\n\t\t\tPress any key...... ");
          fprintf(b, "%s %s %s %s %d\n", crt.Acc, crt.u_pass, crt.name, crt.ph_no, crt.Deposit);
          getch();
          //fclose(a);
          //fclose(b);
          //break;
        }
        else
        {
          crt.Deposit -= amt;
          fprintf(b, "%s %s %s %s %d\n", crt.Acc, crt.u_pass, crt.name, crt.ph_no, crt.Deposit);
        }
      }
      else
      {
        fprintf(b, "%s %s %s %s %d\n", crt.Acc, crt.u_pass, crt.name, crt.ph_no, crt.Deposit);
      }
    }
  }
  else
  {
    printf("\n\t\t\tEnter Amount with in range Rs:1 to Rs:25000");
    printf("\n\t\t\tTransaction failed");
    getch();
    fclose(a);
    fclose(b);
    goto aa;
  }
  if (test != 1)
```

```
    {
        printf("\n\n\t\t\tInvalid Account Number");
        printf("\n\n\t\t\tPress any key...... ");
        getch();
        fclose(a);
        fclose(b);
        goto aa;
    }
    fclose(a);
    fclose(b);
    remove("record.txt");
    rename("new_record.txt", "record.txt");
    if (test3 != 1)
    {
    bb:
        c = fopen("record.txt", "r");
        d = fopen("new_record.txt", "w");
        printf("\n\n\t\t\tEnter the Reciver account number:");
        scanf("%s", check1.Acc);
        while (fscanf(c, "%s %s %s %s %d\n", &tra1.Acc, &tra1.u_pass, &tra1.name, &tra1.ph_no, &tra1.Deposit) != EOF)
        {
            if (strcmp(check1.Acc, tra1.Acc) == 0)
            {
                test2 = 1;
                tra1.Deposit += amt;
                fprintf(d, "%s %s %s %s %d\n", tra1.Acc, tra1.u_pass, tra1.name, tra1.ph_no, tra1.Deposit);
            }
            else
            {
                fprintf(d, "%s %s %s %s %d\n", tra1.Acc, tra1.u_pass, tra1.name, tra1.ph_no, tra1.Deposit);
            }
        }
        if (test2 != 1)
        {
            printf("\n\n\t\t\tInvalid Account Number");
            printf("\n\n\t\t\tPress any key...... ");
            getch();
            fclose(c);
            fclose(d);
            goto bb;
        }
        printf("\n\n\t\t\tAmount successufully Transfered");
        printf("\n\n\t\t\tPress any key...... ");
        fclose(c);
        fclose(d);
        remove("record.txt");
        rename("new_record.txt", "record.txt");
    }
}

int main()
{
    int num, i;
    do
    {
        //system("cls");
        printf("\n\n\n");
        printf("======================================= WELCOME TO
ONLINE PAYMENT ========================================\n\n\n");
        printf("\t\t\t\t\t[1] : Creating Account\n");
        printf("\n");
        printf("\t\t\t\t\t[2] : Deposit\n");
        printf("\n");
        printf("\t\t\t\t\t[3] : view Balance\n");
        printf("\n");
        printf("\t\t\t\t\t[4] : Transaction\n");
        printf("\n");
        printf("\t\t\t\t\t[5] : Exit\n\n");

printf("=================================================
==========================================\n\n");
        printf("\t\t\tEnter Your Choice:: ");
        scanf("%d", &num);
        switch (num)
        {
        case 1:
            acc();
            break;
        case 2:
            deposit();
            break;
        case 3:
            view();
            break;
        case 4:
            transact();
            break;
        case 5:
            exit(0);
        }
        getch();
    } while (num != 5);
    return 0;
}
```

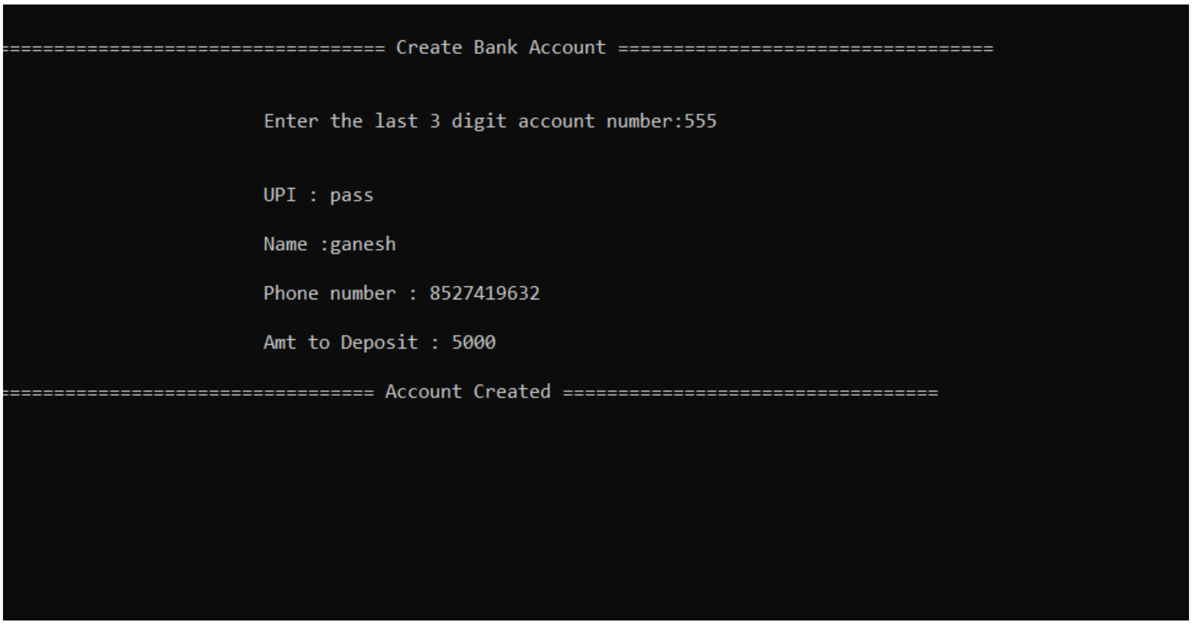
CHAPTER 5

RESULTS

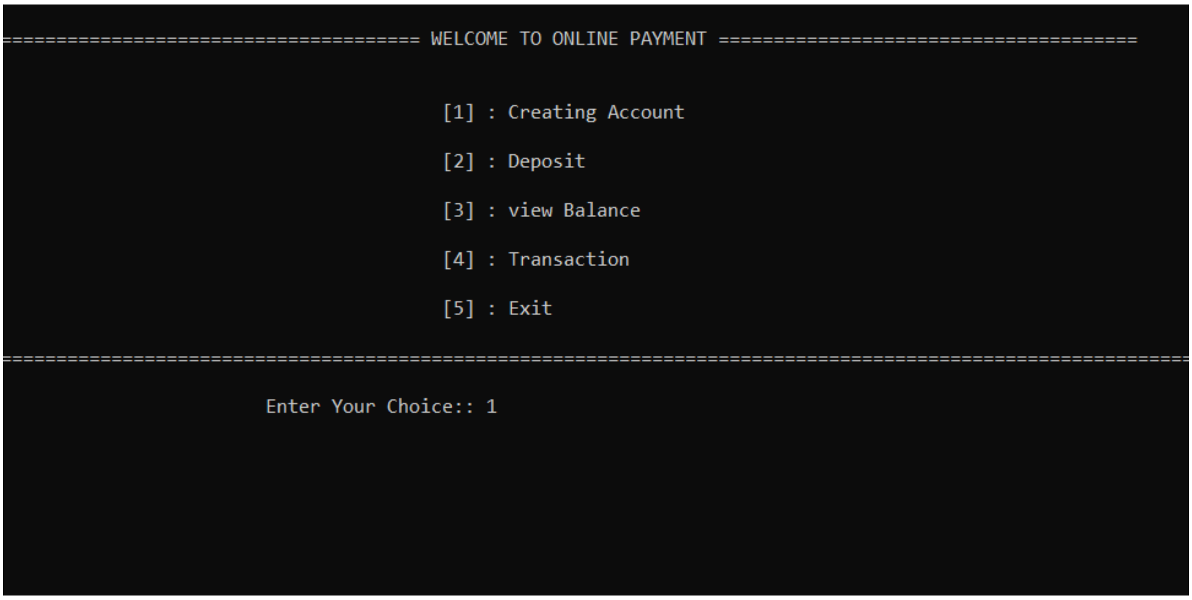
5.1 Output Screen shots



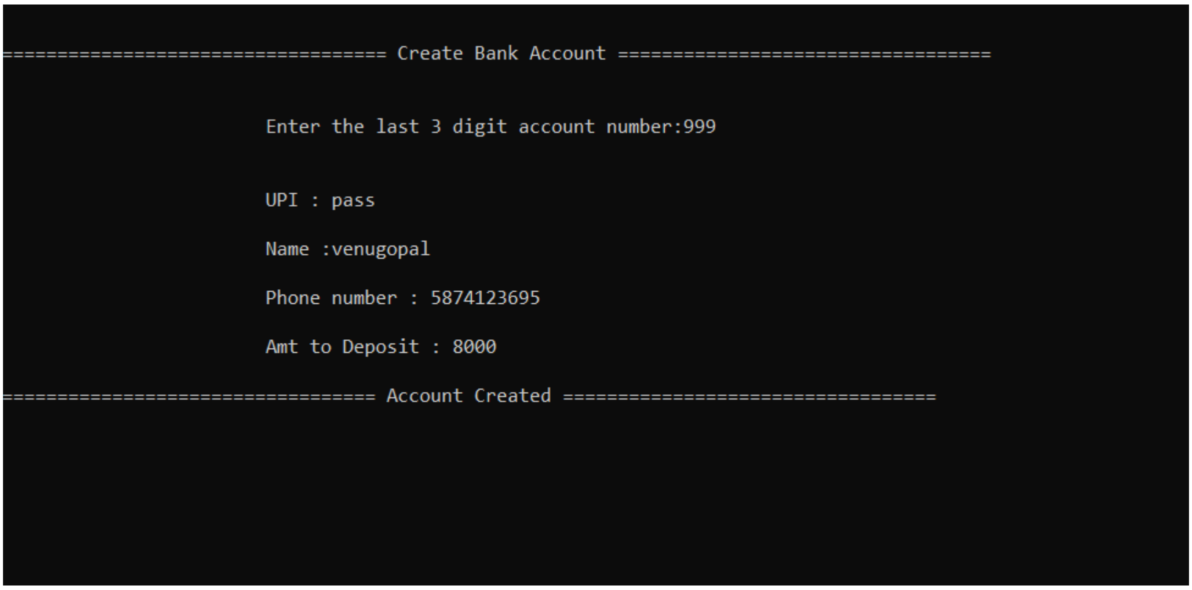
```
===================================== WELCOME TO ONLINE PAYMENT =====================================

                                       [1] : Creating Account

                                       [2] : Deposit

                                       [3] : view Balance

                                       [4] : Transaction

                                       [5] : Exit

=============================================================================================================

                       Enter Your Choice:: 1
```



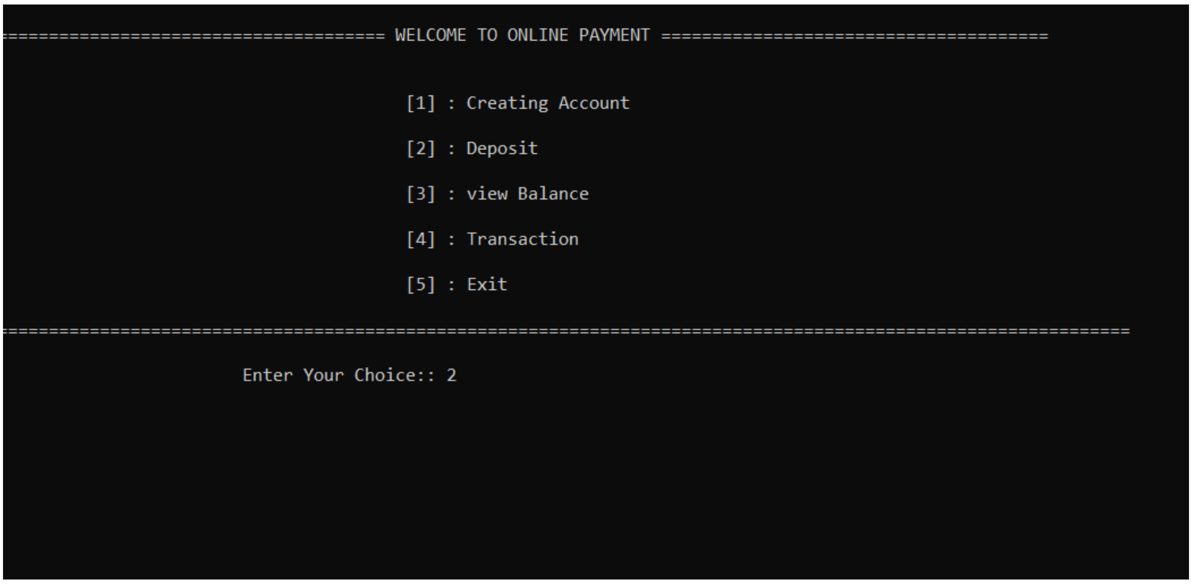
```
===================================== Create Bank Account ====================================

                         Enter the last 3 digit account number:555


                         UPI : pass

                         Name :ganesh

                         Phone number : 8527419632

                         Amt to Deposit : 5000

==================================== Account Created ====================================
```



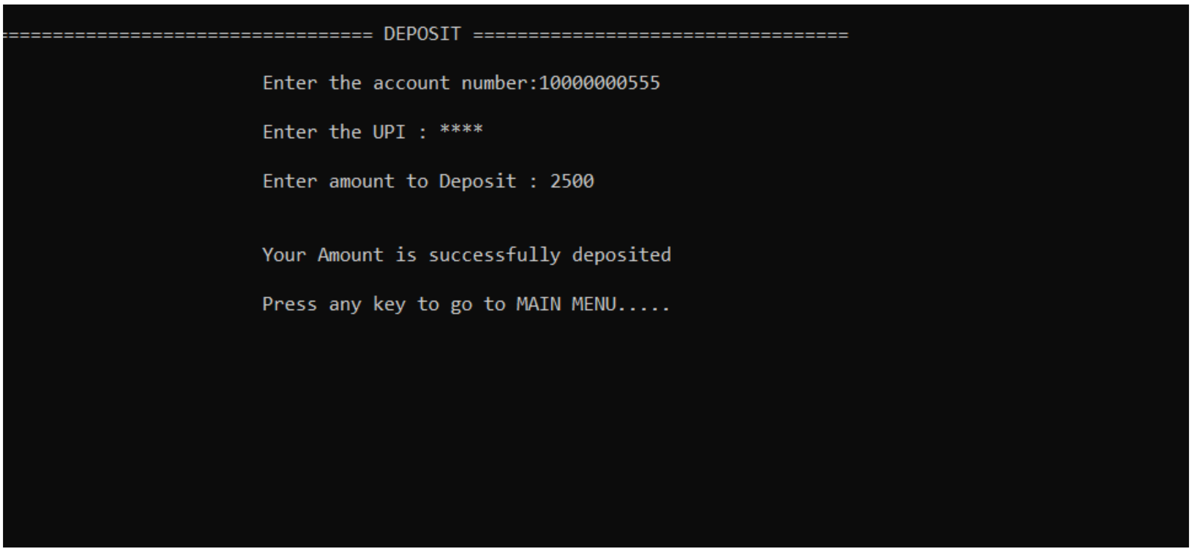
```
====================================== WELCOME TO ONLINE PAYMENT ======================================

                                        [1] : Creating Account

                                        [2] : Deposit

                                        [3] : view Balance

                                        [4] : Transaction

                                        [5] : Exit

============================================================================================================

                        Enter Your Choice:: 1
```



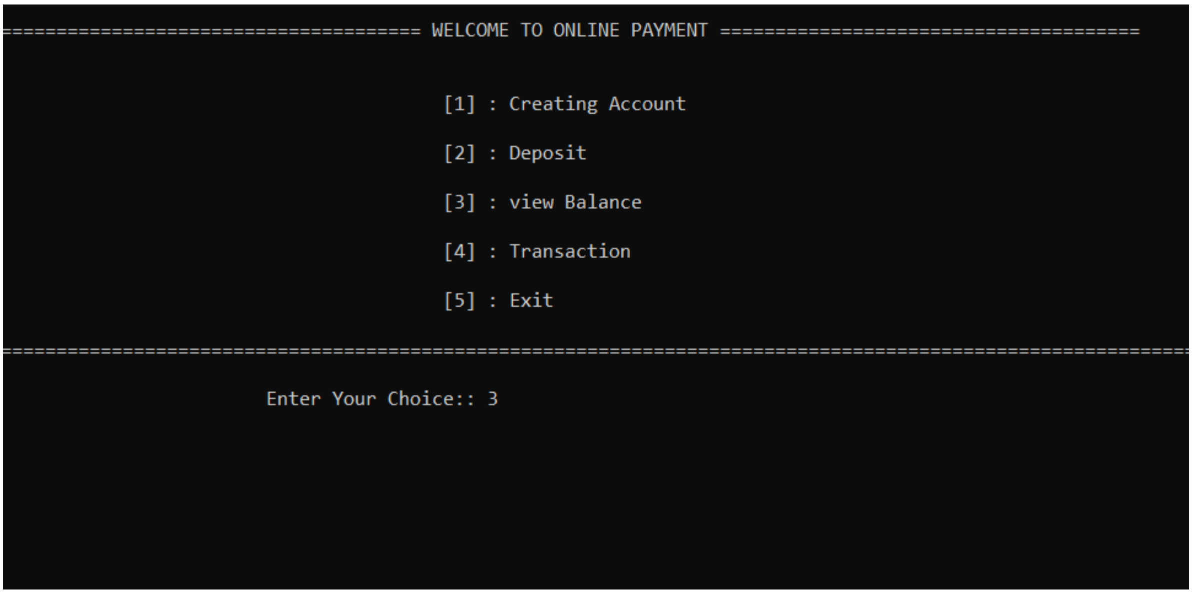
```
=================================== Create Bank Account ==================================


                        Enter the last 3 digit account number:999


                        UPI : pass

                        Name :venugopal

                        Phone number : 5874123695

                        Amt to Deposit : 8000

================================== Account Created ==================================
```



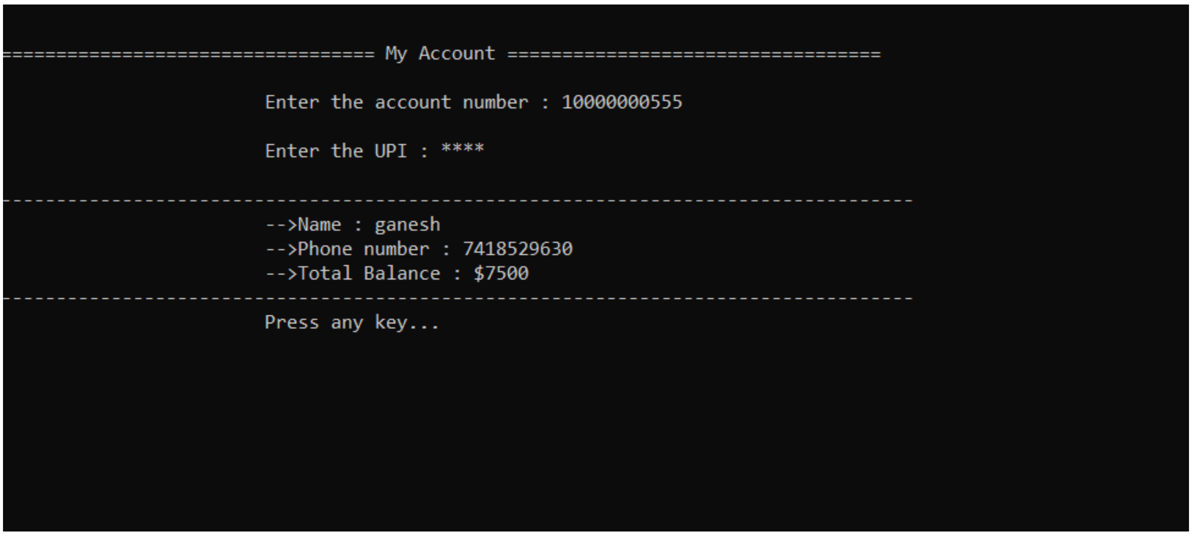
```
===================================== WELCOME TO ONLINE PAYMENT ======================================

                                        [1] : Creating Account

                                        [2] : Deposit

                                        [3] : view Balance

                                        [4] : Transaction

                                        [5] : Exit

===============================================================================================================

                        Enter Your Choice:: 2
```



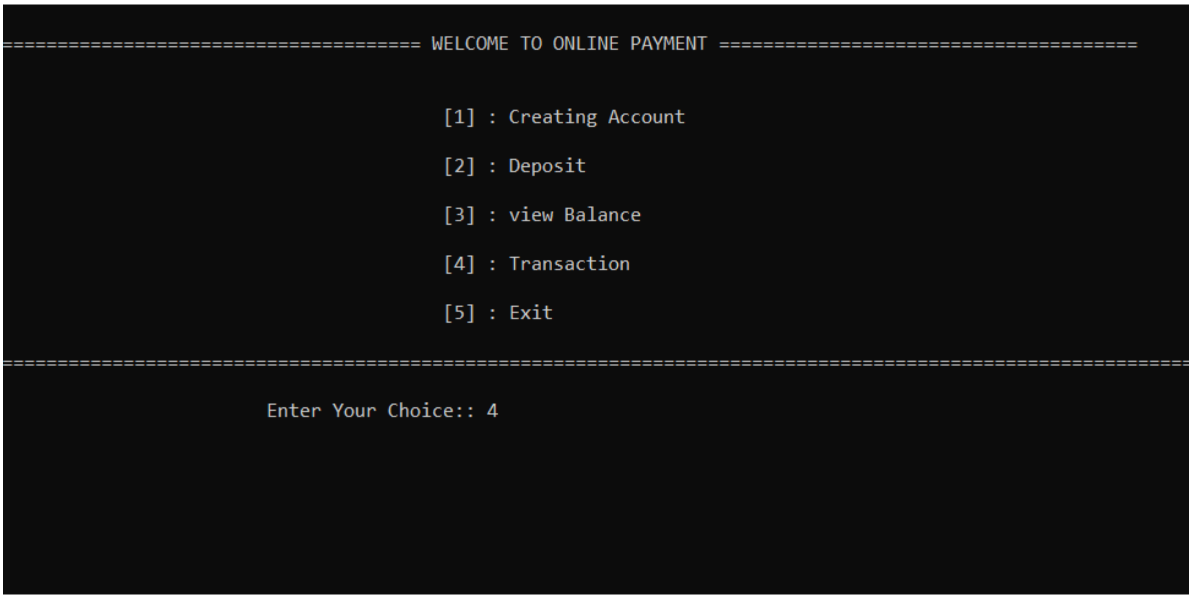
```
================================= DEPOSIT ==================================

                       Enter the account number:10000000555

                       Enter the UPI : ****

                       Enter amount to Deposit : 2500


                       Your Amount is successfully deposited

                       Press any key to go to MAIN MENU.....
```



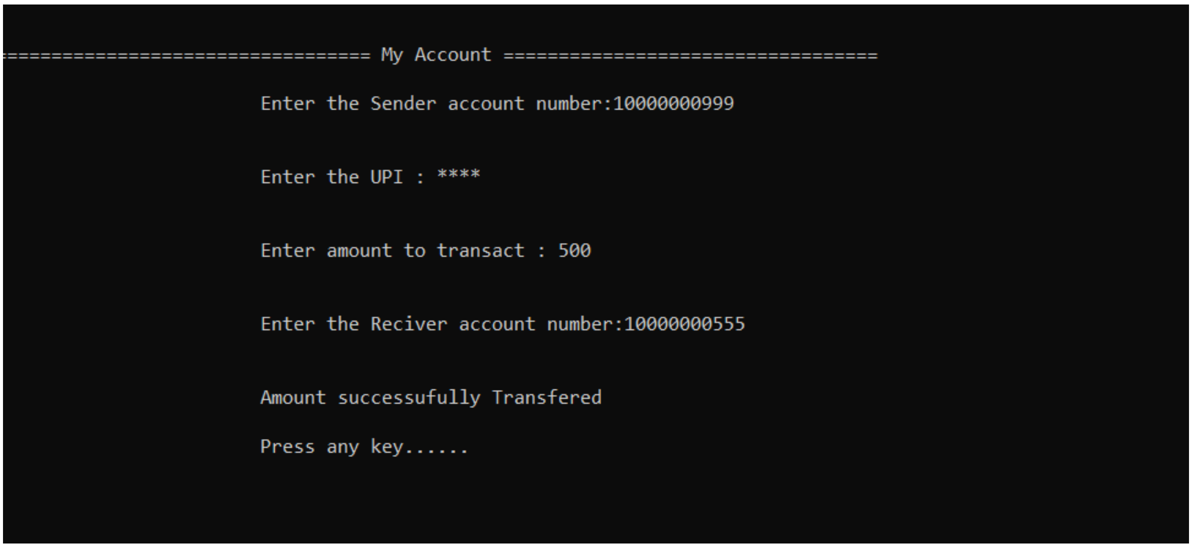
```
===================================== WELCOME TO ONLINE PAYMENT ======================================


                                       [1] : Creating Account

                                       [2] : Deposit

                                       [3] : view Balance

                                       [4] : Transaction

                                       [5] : Exit

==========================================================================================================

                       Enter Your Choice:: 3
```



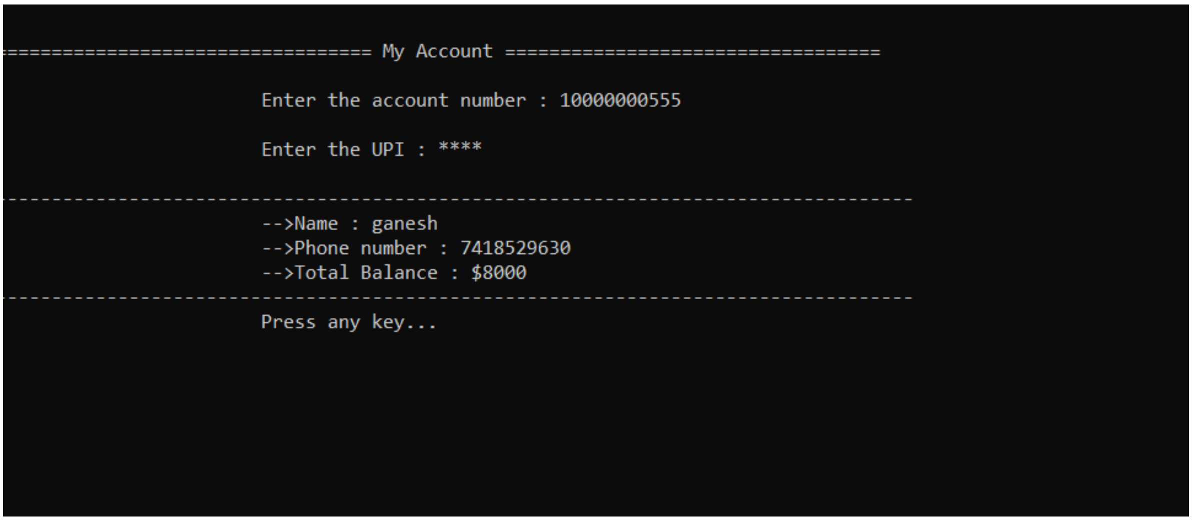
```
================================= My Account ==================================

                       Enter the account number : 10000000555

                       Enter the UPI : ****

---------------------------------------------------------------------------------
                       -->Name : ganesh
                       -->Phone number : 7418529630
                       -->Total Balance : $7500
---------------------------------------------------------------------------------
                       Press any key...
```



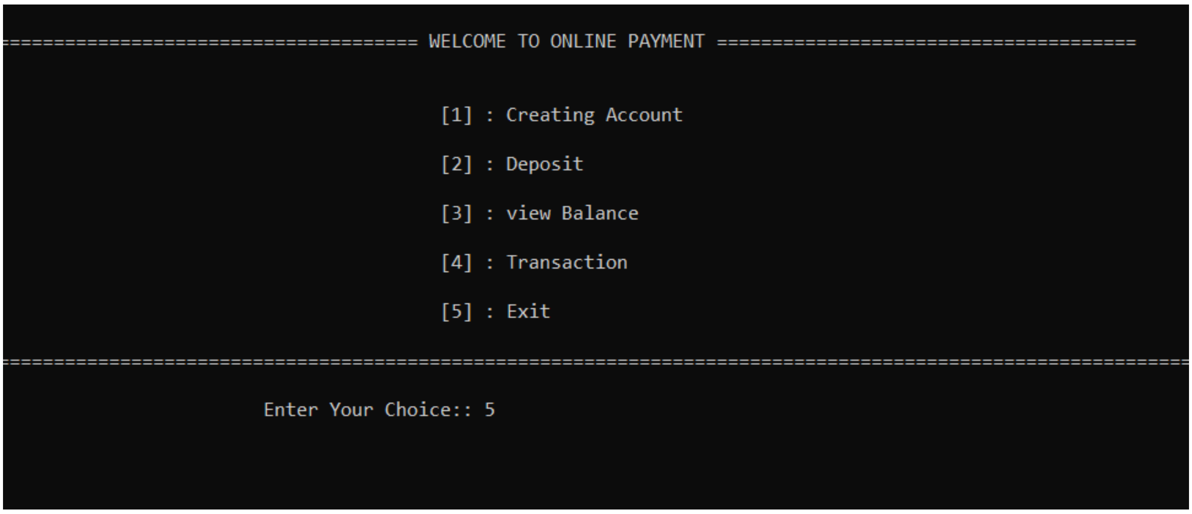
```
==================================== WELCOME TO ONLINE PAYMENT ====================================

                                        [1] : Creating Account

                                        [2] : Deposit

                                        [3] : view Balance

                                        [4] : Transaction

                                        [5] : Exit

=====================================================================================================

                        Enter Your Choice:: 4
```



```
================================= My Account =================================

                        Enter the Sender account number:10000000999


                        Enter the UPI : ****


                        Enter amount to transact : 500


                        Enter the Reciver account number:10000000555


                        Amount successufully Transfered

                        Press any key......
```

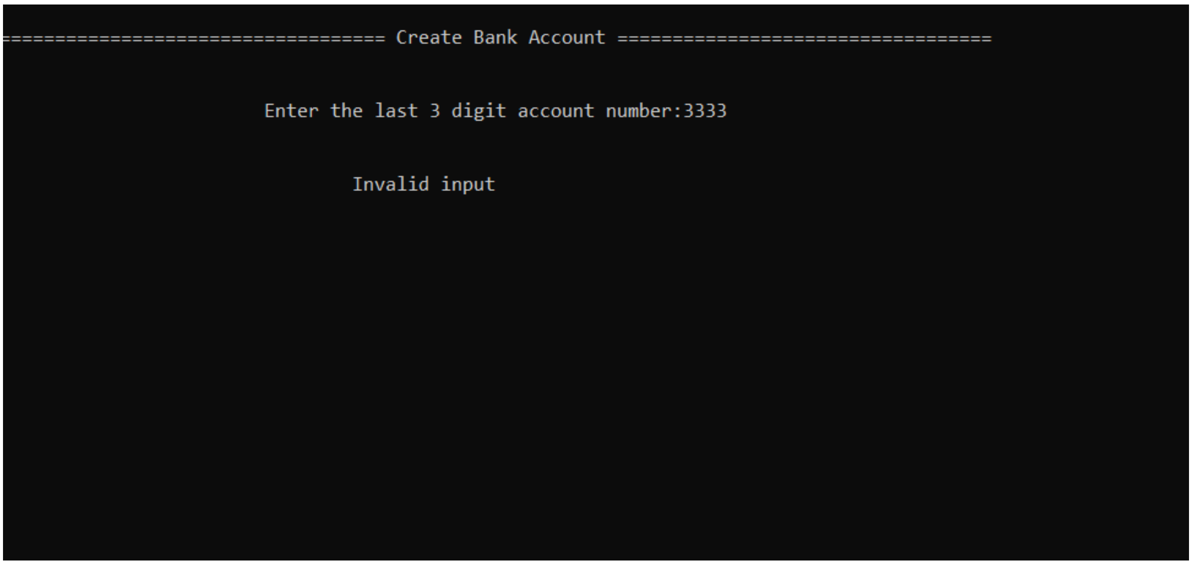


```
================================= My Account =================================

                        Enter the account number : 10000000555

                        Enter the UPI : ****

-----------------------------------------------------------------------------------
                        -->Name : ganesh
                        -->Phone number : 7418529630
                        -->Total Balance : $8000
-----------------------------------------------------------------------------------
                        Press any key...
```

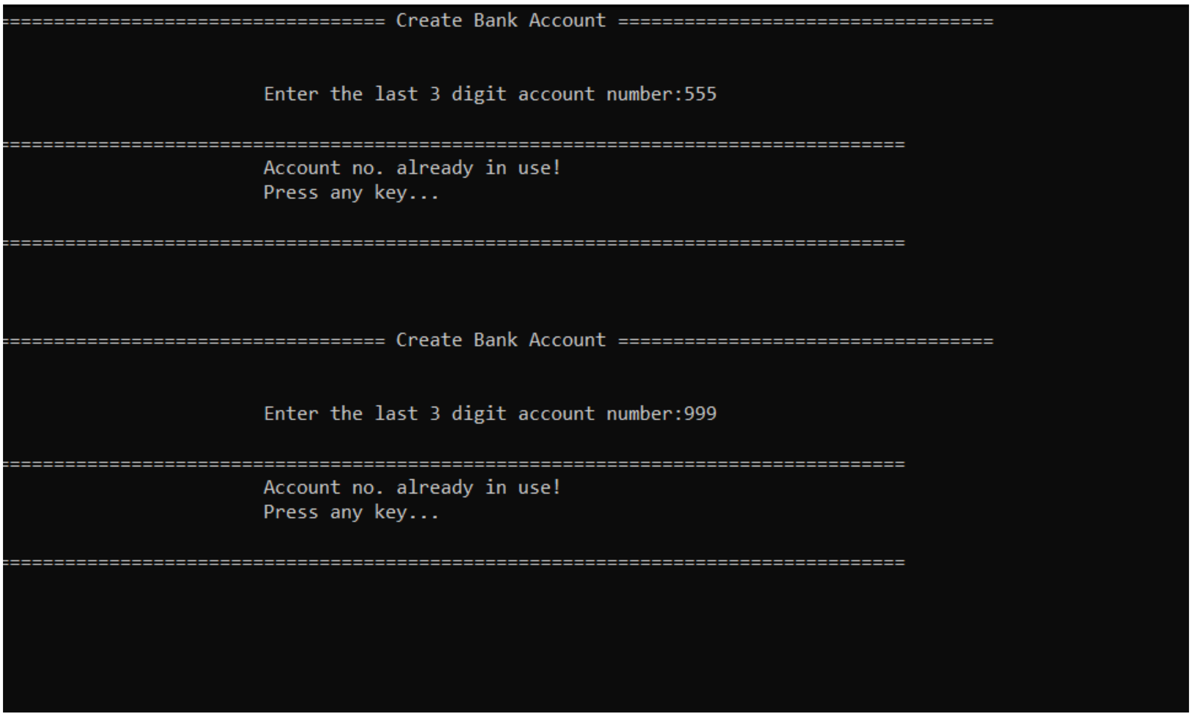


```
==================================== WELCOME TO ONLINE PAYMENT =====================================

                                       [1] : Creating Account

                                       [2] : Deposit

                                       [3] : view Balance

                                       [4] : Transaction

                                       [5] : Exit

=========================================================================================================

                       Enter Your Choice:: 5
```

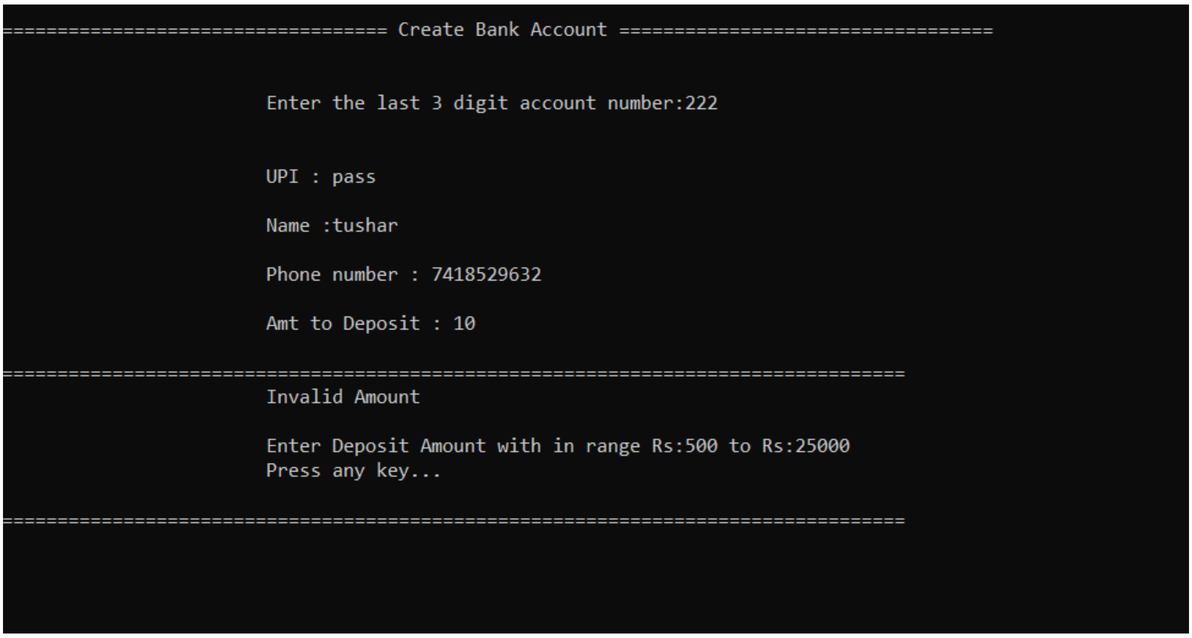
5.2 Test Cases:



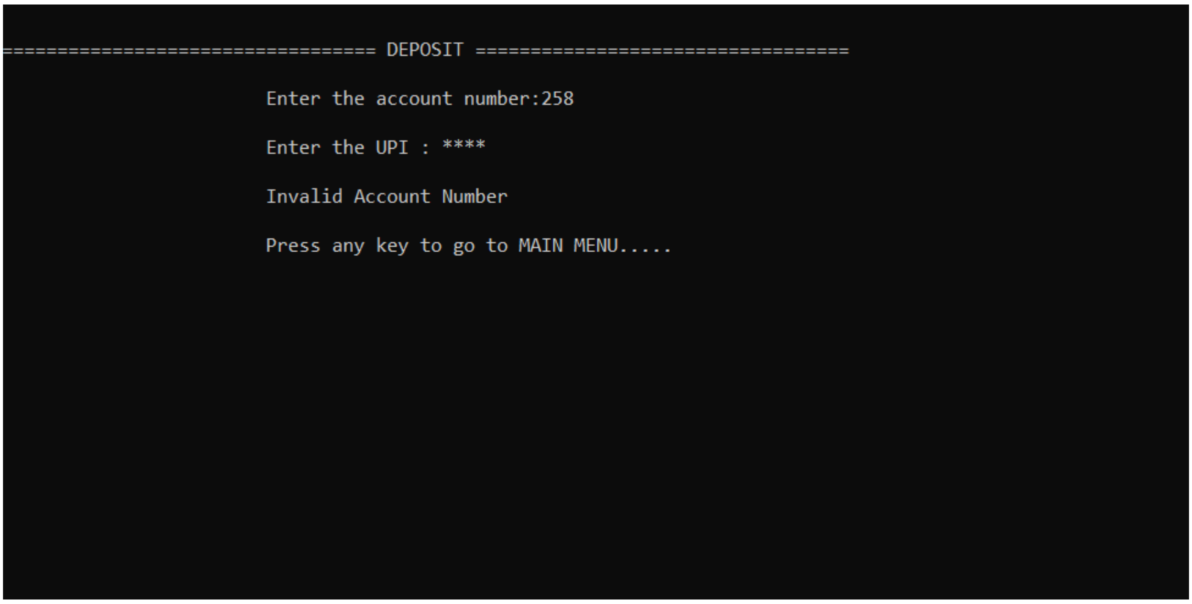
```
================================= Create Bank Account =================================

                       Enter the last 3 digit account number:3333

                               Invalid input
```



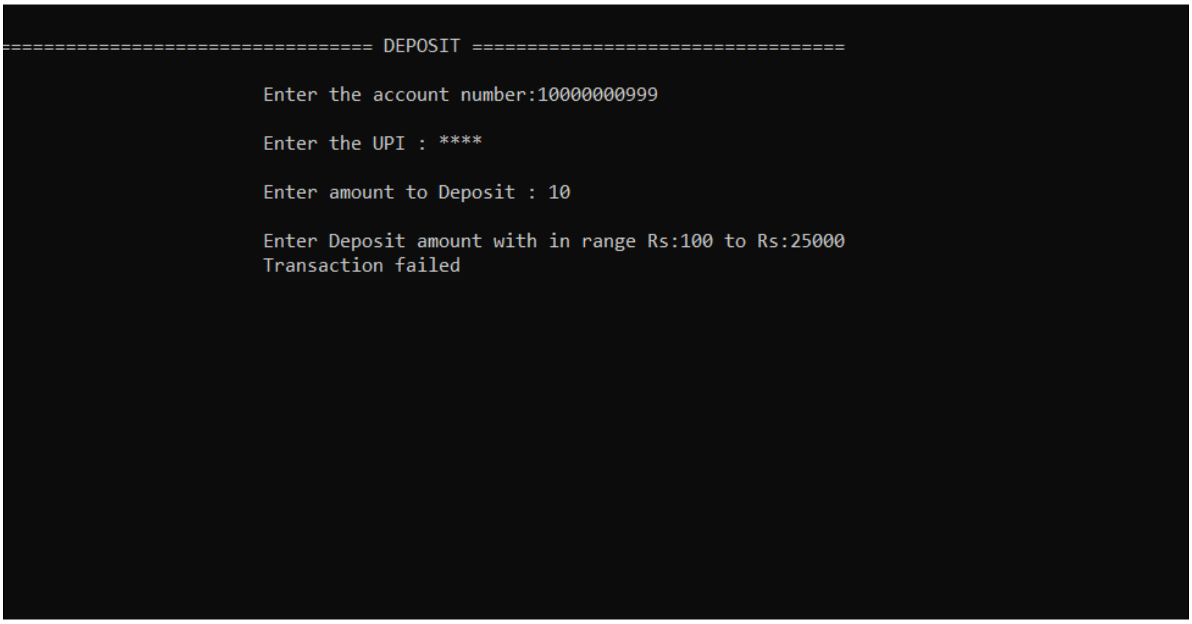
```
================================== Create Bank Account ==================================


                        Enter the last 3 digit account number:555

================================================================================
                        Account no. already in use!
                        Press any key...

================================================================================



================================== Create Bank Account ==================================


                        Enter the last 3 digit account number:999

================================================================================
                        Account no. already in use!
                        Press any key...

================================================================================
```



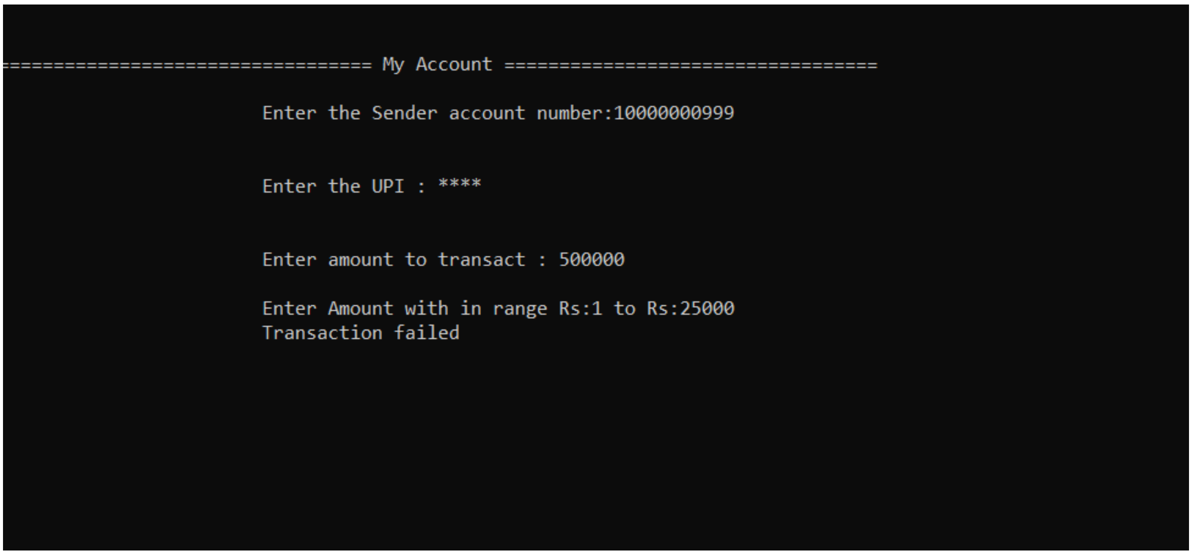
```
================================== Create Bank Account ==================================


                        Enter the last 3 digit account number:222


                        UPI : pass

                        Name :tushar

                        Phone number : 7418529632

                        Amt to Deposit : 10

================================================================================
                        Invalid Amount

                        Enter Deposit Amount with in range Rs:500 to Rs:25000
                        Press any key...

================================================================================
```



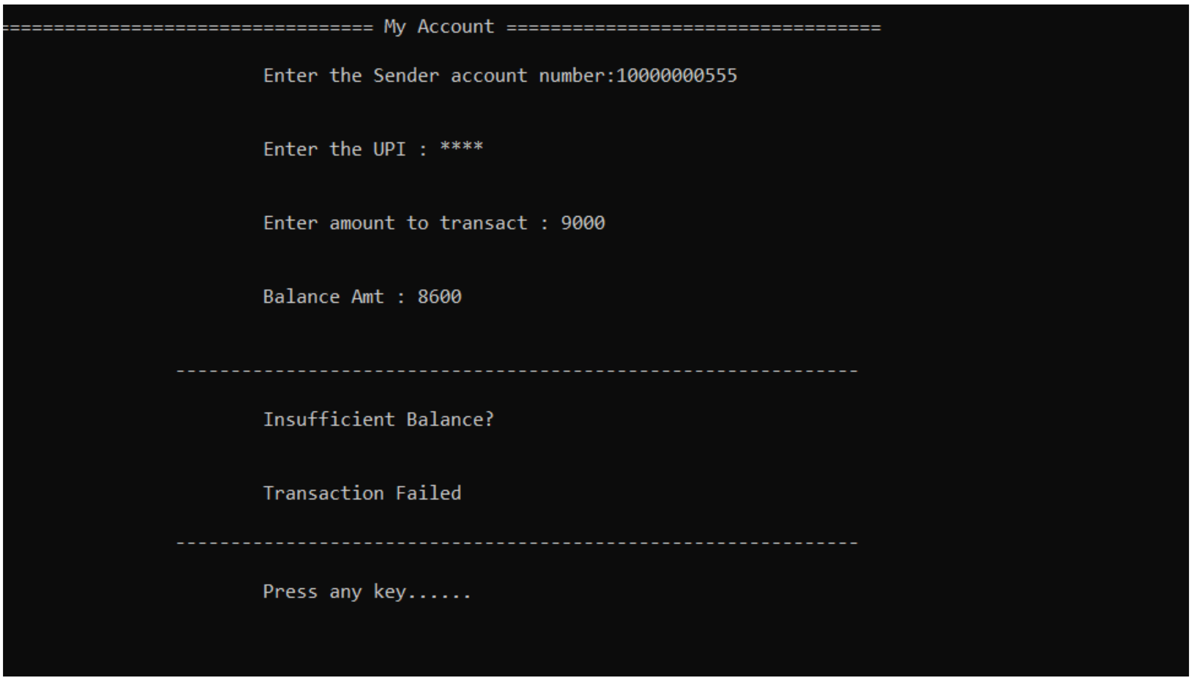
```
================================== DEPOSIT ==================================

                        Enter the account number:258

                        Enter the UPI : ****

                        Invalid Account Number

                        Press any key to go to MAIN MENU.....
```



```
================================== DEPOSIT ==================================

                        Enter the account number:10000000999

                        Enter the UPI : ****

                        Enter amount to Deposit : 10

                        Enter Deposit amount with in range Rs:100 to Rs:25000
                        Transaction failed
```



```
================================== My Account ==================================

                        Enter the Sender account number:10000000999


                        Enter the UPI : ****


                        Enter amount to transact : 500000

                        Enter Amount with in range Rs:1 to Rs:25000
                        Transaction failed
```



```
================================== My Account ==================================

                        Enter the Sender account number:10000000555


                        Enter the UPI : ****


                        Enter amount to transact : 9000


                        Balance Amt : 8600


                ---------------------------------------------------------------

                        Insufficient Balance?


                        Transaction Failed

                ---------------------------------------------------------------

                        Press any key......
```

CHAPTER 6

CONCLUSION

We have designed developed and implemented the online payment .We have developed the mini project of online payment. we took the reference of google pay and phone pay.

In this project we are created an account for online transaction. We are provided an option for depositing the amount that we are allowed to transact between two bank accounts. There is a bank to bank transfer in this project. In this project we are allowed to view the balance of the user created by the bank account. We have provided an option of highly secured UPI pin for each of the user. whenever the user want to deposit the money or transact the money or view the balance of the account they must have to enter the UPI pin. In this project we used the concept of data file handling to store the data in a specific records. We have designed the project in such a way that the user can understand very easily.

REFERENCES

[1].GOOGLE PAY

[2].PHONE PE