

Project Screenshot:

```
* Welcome to our Bank *  
Please choose 1 or 2.  
1. Login  
2. Register as a Client  
Your Choice:
```

Figure 1 - Main Menu

```
Register  
First Name: Abdelrahman  
Last Name: Kheir  
User Name: AbdelrahmanKheir  
Password: 12345678  
Account Number: 10  
Balance: 5000  
E-mail: AK@gmail.com  
Done!  
  
You Will Return To Main Menu Page.  
Press any key to continue . . . _
```

Figure 2 - Registration



Figure 3 – Login

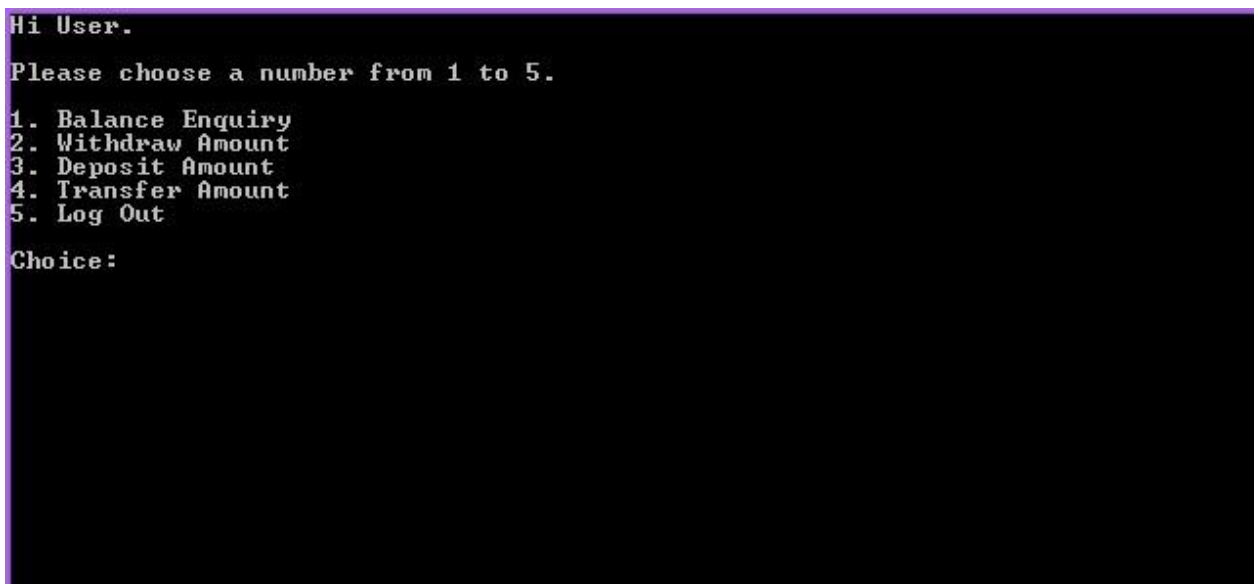


Figure 4 - User Menu

```
Balance Enquiry
Your Balance is: $5000
You Will Return To Client Menu Page.
Press any key to continue . . .
```

Figure 5 - Balance Enquiry

```
Withdraw
Enter the Amount: $500
Withdraw Successful!
Current Balance: 4500
You Will Return To Client Menu Page.
Press any key to continue . . .
```

Figure 6 - Withdrawal

```
Deposit
Enter the Amount: $500
Deposit Successful!
Current Balance: $5500
You Will Return To user Menu Page.
Press any key to continue . . . _
```

Figure 7 – Deposition

```
Transfer
Enter the Amount: $500
Enter Account Number You Want To Transfer To: 1
Transformation Successful!
Current Balance: $5000
You Will Return To user Menu Page.
Press any key to continue . . . _
```

Figure 8 - Balance Transfer

```
Hi Admin.  
Please choose a number from 1 to 5.  
1. Add New Account  
2. Modify An Account  
3. Close An Account  
4. List All Account  
5. Log out  
Your Choice:
```

Figure 9 - Admin Menu

```
Creating a New Account.  
First Name: Ahmed  
Last Name: Medhat  
User Name: AhmedMedhat  
Password: ahmed24  
Account Number: 3  
Balance: 1000  
E-mail: ahmedmedhat@gmail.com  
Done!  
You Will Return To Admin Menu Page.  
Press any key to continue . . .
```

Figure 10 - Adding a New Account

```
Modifying an Account.  
  
Enter Account Number: 3  
Enter The New Data.  
First Name: Ahmed  
Last Name: Medhat  
User Name: AhmedMedhat10  
Password: ahmed25  
Balance: 20000  
E-mail: ahmedmedhat@gmail.com  
  
Done!  
  
You Will Return To Admin Menu Page.  
Press any key to continue . . . _
```

Figure 11 - Account Modification

```
Closing an Account.  
  
Enter the Account Number to close it: 3  
Done!  
  
You Will Return To Admin Menu Page.  
Press any key to continue . . .
```

Figure 12 - Closing an Account

Functions Completed:

1) void Main_Menu()

Opens the main menu, user can choose to register a new account or login using an account they registered. On login, user has only 3 attempts to enter the correct username and password before being returned to the main menu **Bank Record System**.

2) void Admin_Menu()

If the user logged in as an admin, it would show the admin options (Add New Account, Modify an Account, Close an Account, List All Accounts, Log Out)

3) void Add_New_Account()

Let's an admin manually create an account that is saved in the accounts file.

4) void Modify_An_Account()

Let's an admin modify an existing account (change username, password etc.)

5) void Close_An_Account()

Let's an admin close an account using its account number.

6) void List_All_Accounts()

Lists all existing accounts. If there are no accounts, it will print "No Accounts Created".

7) void User_Menu()

If the user logged in as a client, it would show the client options (Balance Enquiry, Withdraw Amount, Deposit Amount, Transfer Amount, Log Out).

8) void Balance_Enquiry()

Let's client see their current balance.

9) void Withdraw_Amount()

Let's client withdraw an amount of money from their balance. If they try to withdraw an amount that is more than their current balance, it will print "Not Enough Balance".

10) void Deposit_Amount()

Let's client add an amount of money to their balance.

11) void Transfer_Amount()

Let's client transfer balance from an account to another account.