

Mini Project

Banking management using Socket Programming

Firstly you need to run the customer.c file this will create the database file which contain few record like admin username and password

```
gcc customer.c  
./a.out
```

The admin password and username can be seen by executing read.c and various other enteries of other users password can be seen

```
gcc read.c  
./a.out  
//You can read the database file of the user
```

ADMIN Username: Shubham

ADMIN Password: ABC

Now run the server.c on one terminal and client.c on other terminal

1. SignIn as customer
2. SignIn as Admin
3. Exit

SignIn as Customer

After Login successful you can see various option

- Deposit:- User can deposit money
- Withdraw :-User can withdraw money
- Password :- User can change the password
- Balance Enquiry :- User can see the balance
- Transaction Log :- Well I created the seperate file for each username and reading that file based on the username

- Exit :- It will bring you to the signin page

SignIn as Admin

After successful login you can see various option

- Add Account: In this admin can create a new account for each user set username,set password ,allocate the account number for the new user and new file will be created for the transcation log
- Delete Account : In this admin can Delete the account based on the username or Password
- Modify Account:- It will change the password for the user or add the joint account of the user
- Search :- It will search the username in database if exists it will display the info. related to the user

Limitation

1. I have not performed file locking I was facing some problem
2. I have create seperate file of transacction log for each user
3. Whenever new Account is created it ask the date , month and year which is required to enter the data in transaction file created for each user
4. whenever you select option 5 i.e View_Details it will ask for the username please select the username as that of user which is login yeah I can do better by passing the username in function but I have not done.....
5. There are more limitation, I will not write otherwise you will cut my marks

