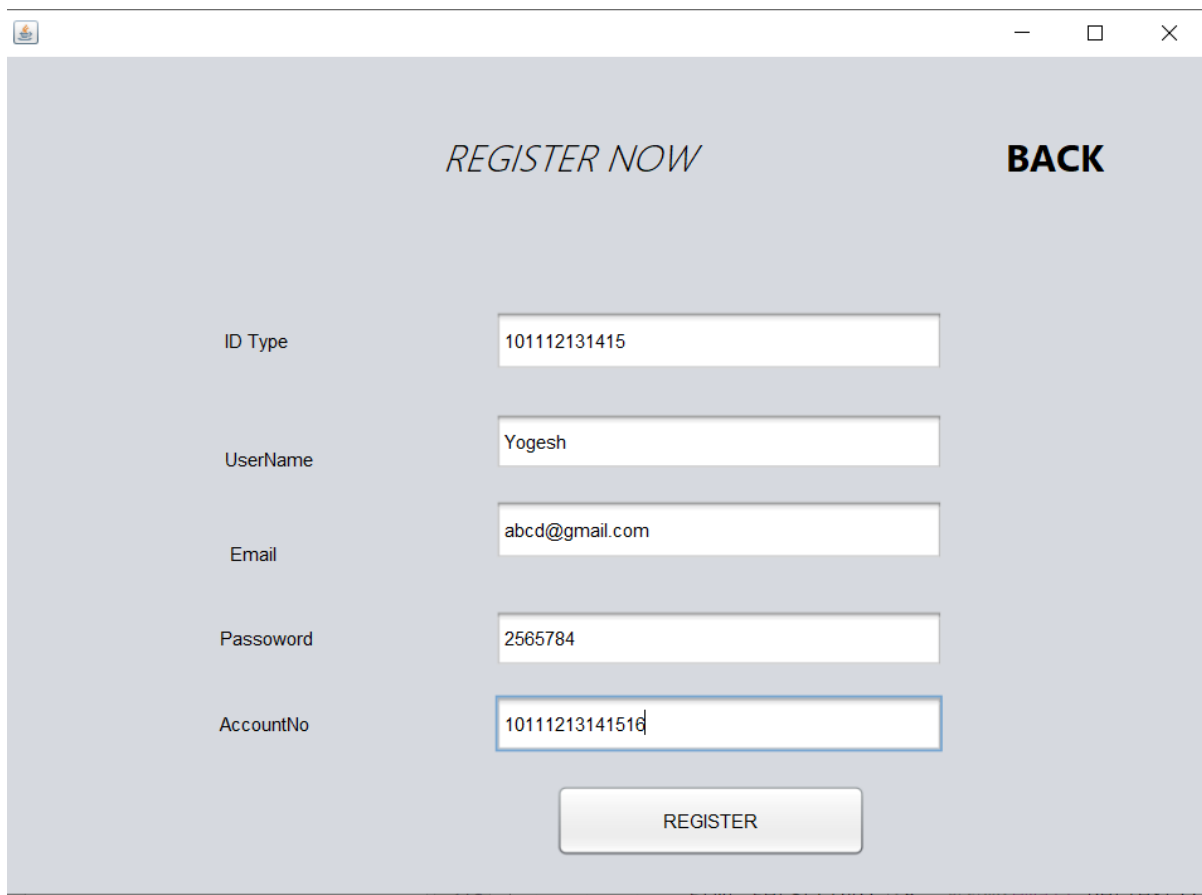I created a project using JDBC , JSwing and MySQL database where user can create a account and peform the mandatory functionalities mentioned in the assignment

Register and login page in the JForm

After Registration

idtype	account	username	email	pass	accountbalance
101112131415	10111213141516	Yogesh	abcd@gmail.com	2565784	1000

☐ Show all | Number of rows: 25 ∨ | Filter rows: Search this table

Login page:

The Dashboard

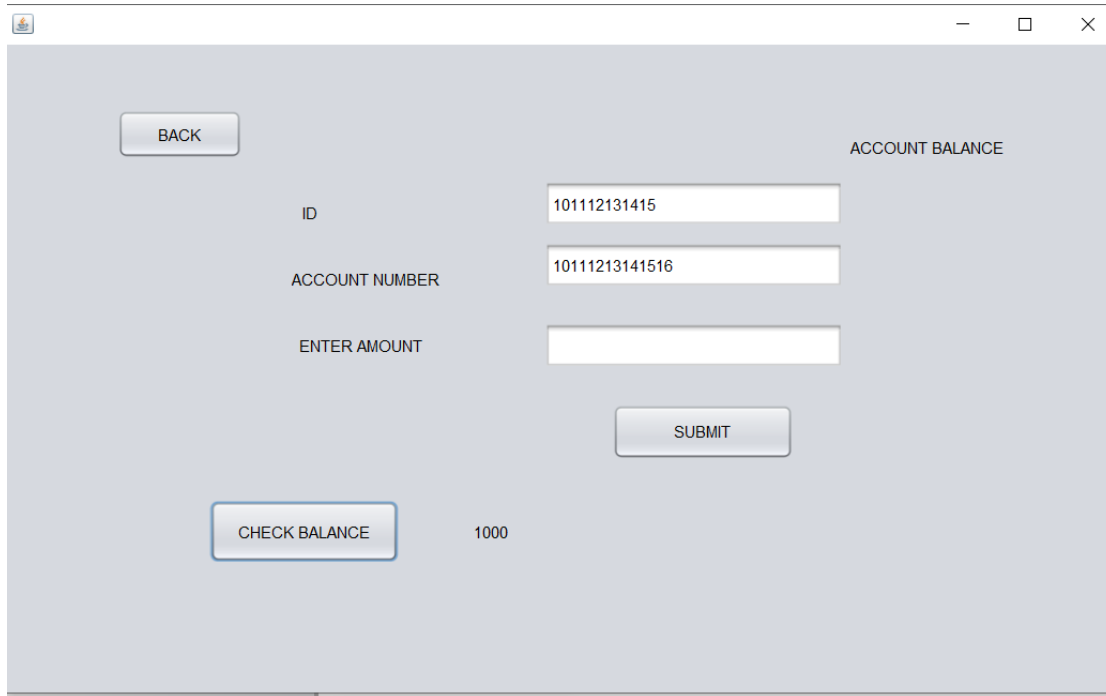**DASHBOARD**

LOGOUT

ACCOUNT BALANCE

TRANSFER MONEY

BILL PAYMENT

CHECK HISTORY OF TRANSACTIONS
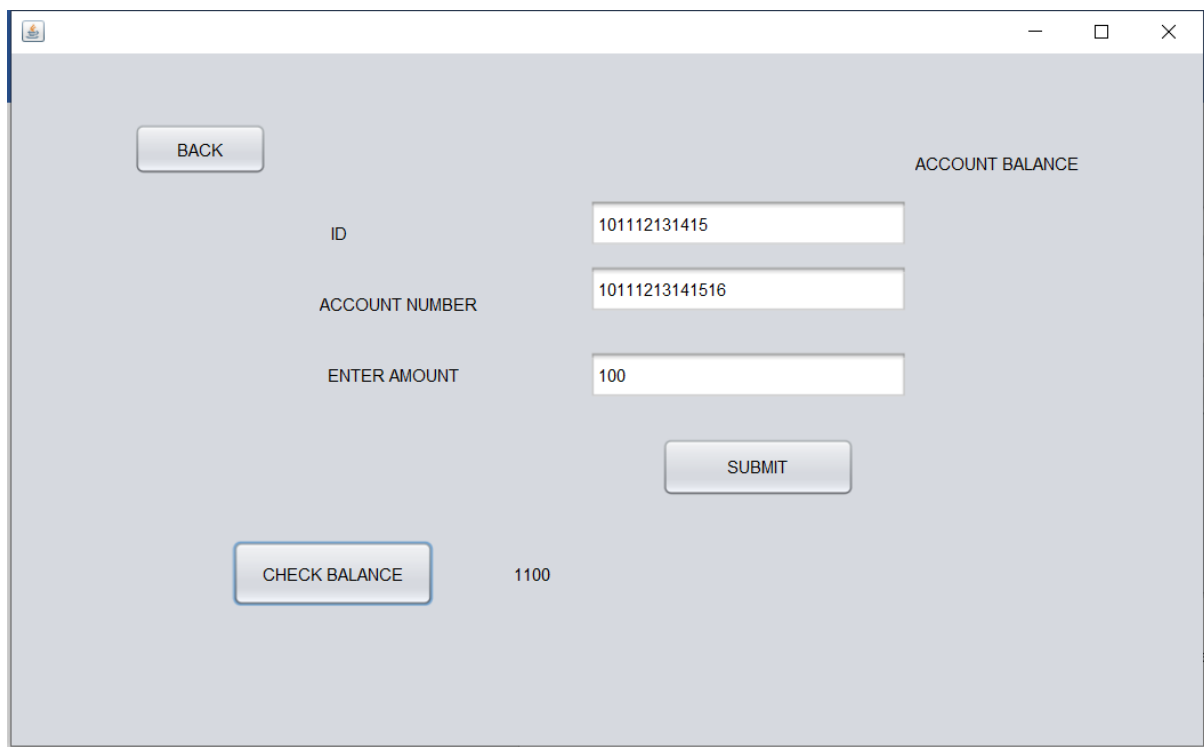
Here the mandatory functionalities are added

1. Users can check the account balance and add money to the the account by entering their Id and Account Number.

Here if click the submit button without entering the amount balance will be shown.

If you add a amount of 100 to that account and then click the check balance button updated balance will be shown.

Second test case

Current balance

idtype	account	username	email	pass	accountbalance
101112131415	10111213141516	Yogesh	abcd@gmail.com	2565784	600
202122232425	123456789	Rajesh	rajesh123@gmail.com	741852963	1100

Now adding 150 in the window

After adding 150 the updated amount

Extra options

idtype	account	username	email	pass	accountbalance
101112131415	10111213141516	Yogesh	abcd@gmail.com	2565784	750
202122232425	123456789	Rajesh	rajesh123@gmail.com	741852963	1100

☐ Show all | Number of rows: 25 ∨ | Filter rows: Search this table

2. User can transfer money from one account to another account by click on transfer money in the dashboard.

Transfer Money

BACK

Your Account Number

Recipient Account Number

Amount

Transfer Money

Let's add another account to the database

Extra options

idtype	account	username	email	pass	accountbalance
101112131415	10111213141516	Yogesh	abcd@gmail.com	2565784	1100
202122232425	123456789	Rajesh	rajesh123@gmail.com	741852963	1000

Now if I transfer the money from account no 10111213141516 to account no 123456789 Suppose a rupees of 100 is transferred

Also this dialogbox is shown
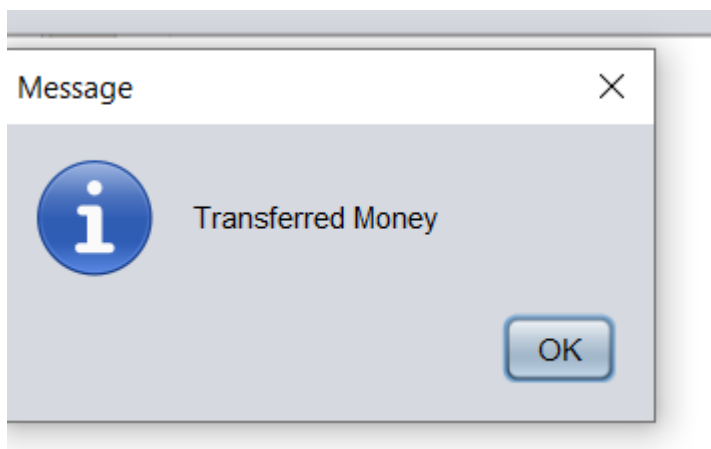
idtype	account	username	email	pass	accountbalance
101112131415	10111213141516	Yogesh	abcd@gmail.com	2565784	1000
202122232425	123456789	Rajesh	rajesh123@gmail.com	741852963	1100

Second test case

idtype	account	username	email	pass	accountbalance
101112131415	10111213141516	Yogesh	abcd@gmail.com	2565784	750
202122232425	123456789	Rajesh	rajesh123@gmail.com	741852963	1100

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

Transferring the money 150 to another account

Transfer Money

BACK

Your Account Number   10111213141516

Recipient Account Number   123456789

Amount   150

Transfer Money

SELECT * FROM user

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

Extra options

idtype	account	username	email	pass	accountbalance
101112131415	10111213141516	Yogesh	abcd@gmail.com	2565784	600
202122232425	123456789	Rajesh	rajesh123@gmail.com	741852963	1250

☐ Show all | Number of rows: 25 ⌄ Filter rows: Search this table

3. Show the list of transactions

After several transactions

4 Withdraw money

WITHDRAW MONEY   Back

Account No   1011213141516

Amount   400

                    Withdraw
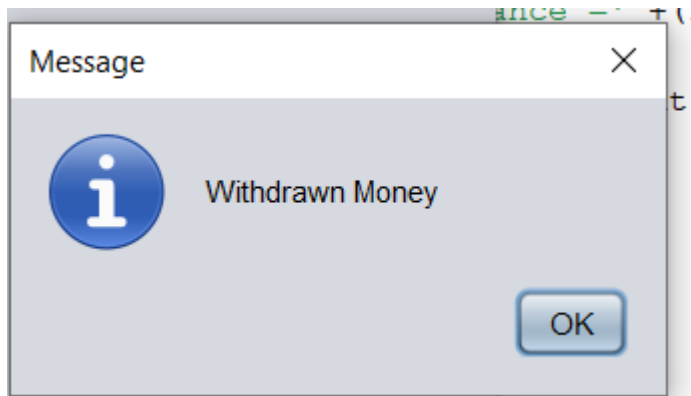
Message   ×

ℹ   Withdrawn Money

                            OK

Extra options

idtype	account	username	email	pass	accountbalance
101112131415	10111213141516	Yogesh	abcd@gmail.com	2565784	600
202122232425	123456789	Rajesh	rajesh123@gmail.com	741852963	1100

Current database

idtype	account	username	email	pass	accountbalance
101112131415	10111213141516	Yogesh	abcd@gmail.com	2565784	600
202122232425	123456789	Rajesh	rajesh123@gmail.com	741852963	1250

Withdrawing the amount

Database after updating

Extra options

idtype	account	username	email	pass	accountbalance
101112131415	10111213141516	Yogesh	abcd@gmail.com	2565784	450
202122232425	123456789	Rajesh	rajesh123@gmail.com	741852963	1250

☐ Show all │ Number of rows: 25 ⌄ Filter rows: Search this table

Transaction database

Extra options

account1	username1	account2	username2	amount
10111213141516	Yogesh	123456789	Rajesh	100
10111213141516	Yogesh	123456789	Rajesh	150

This is all the functionality added in my app with two testcases each. Happy reading