

BANK MANAGEMENT

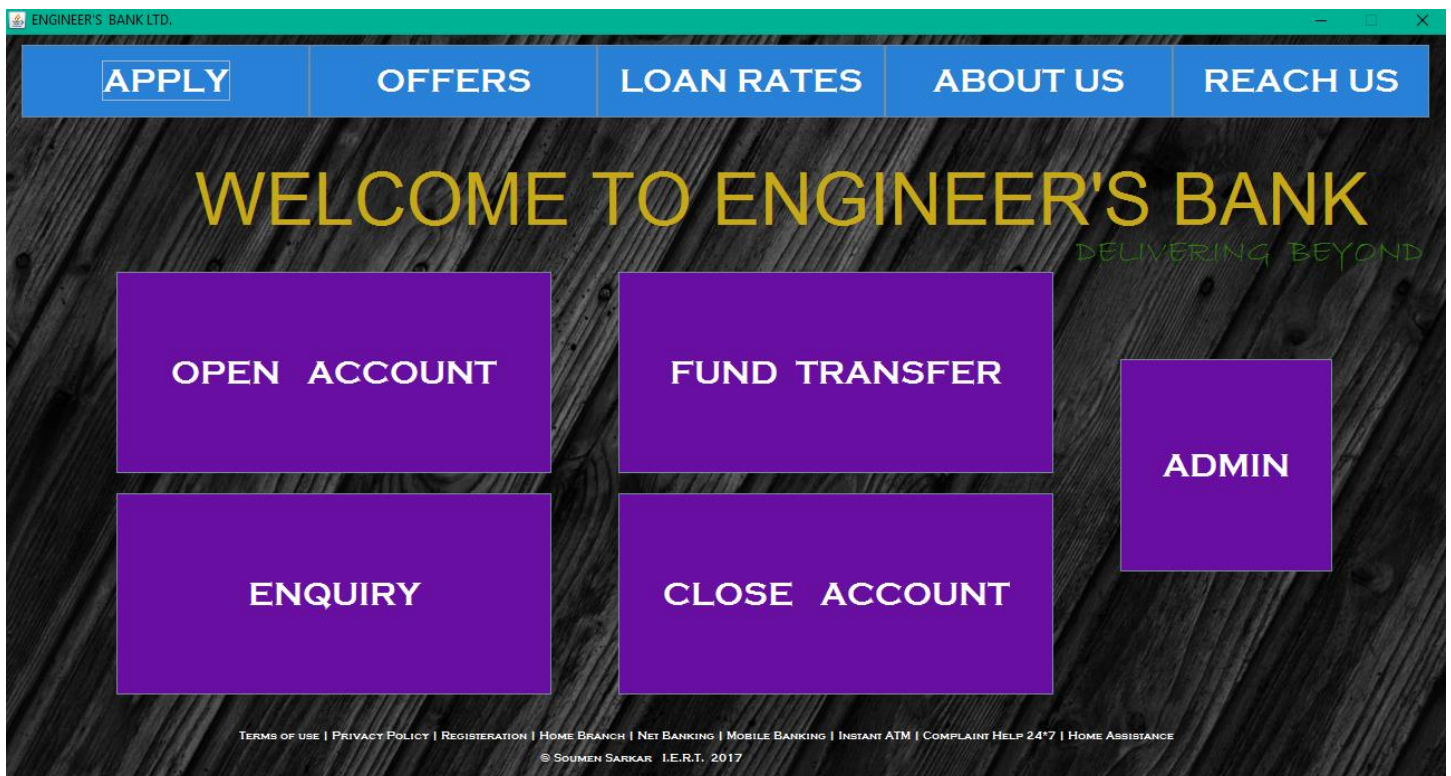
It is a simple JAVA GUI for banking. It is more Graphics oriented as compared to the technicality and technology involved.

It uses JAVA (GUI) and MySql (DATABASE) 

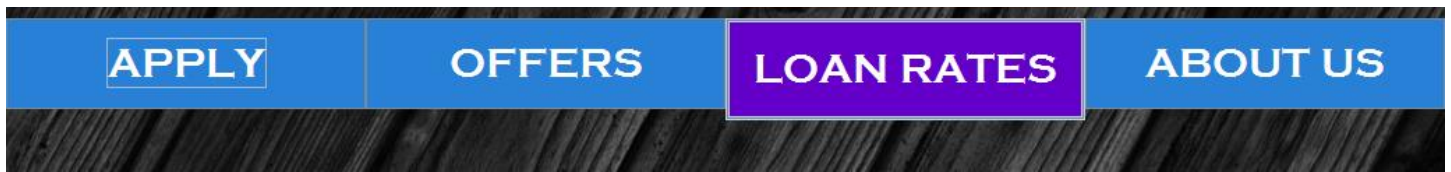
HOW IT WORKS

- We click a button that we desire.
- The button creates an object(`mouseClicked`) of another class ,inside whose constructor the code for a new window is coded.
- Information is extracted out of text boxes (username & password) ,and that is used to access the particular row in the Database.
- Desired operation is performed and the connection to database is closed on exit.
- I've used mobile number as the equivalent of account number to identify each account.

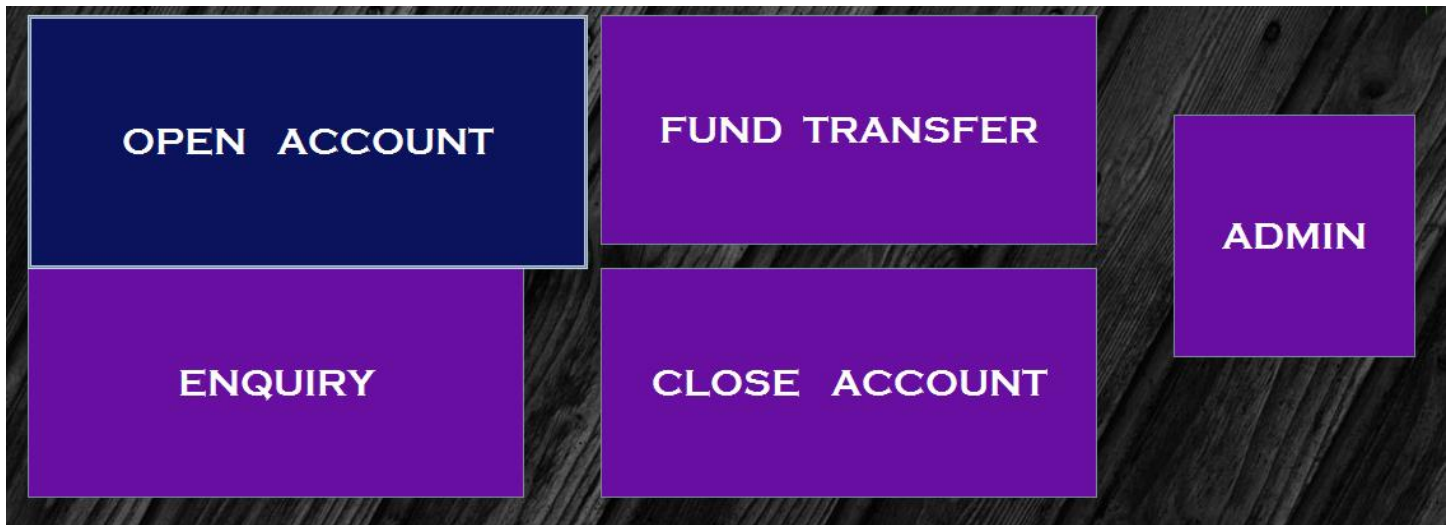
FEW SCREENSHOTS



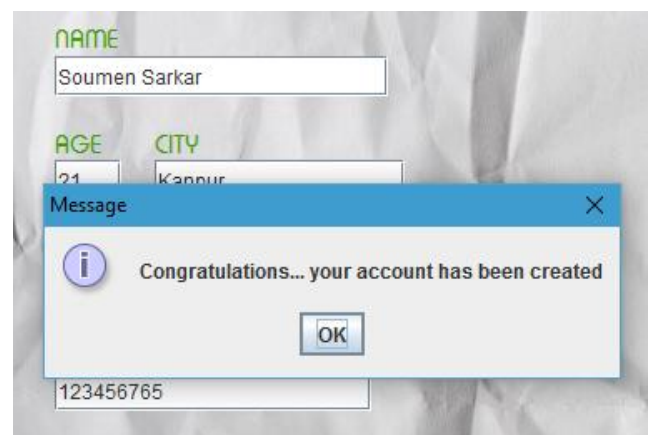
HOME SCREEN



THE MENU BAR ENLARGES AS WE HOVER OVER IT



SAME THING HAPPENS WHEN WE HOVER OVER THE BIG BUTTONS (they enlarge and change colour)



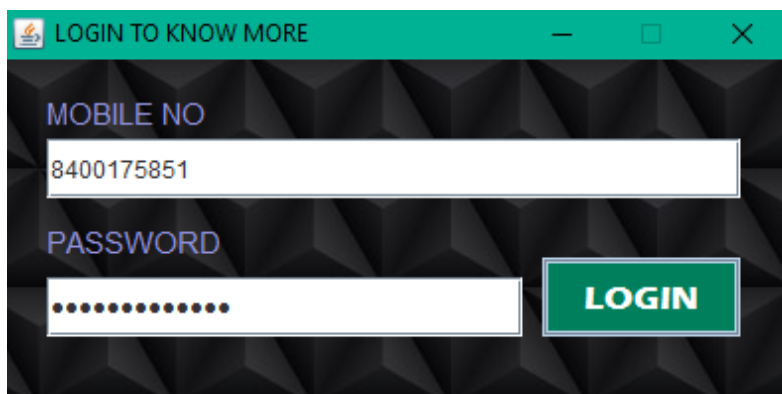
THIS WINDOW POPS UP WHEN WE CLICK

OPEN ACCOUNT BUTTON.

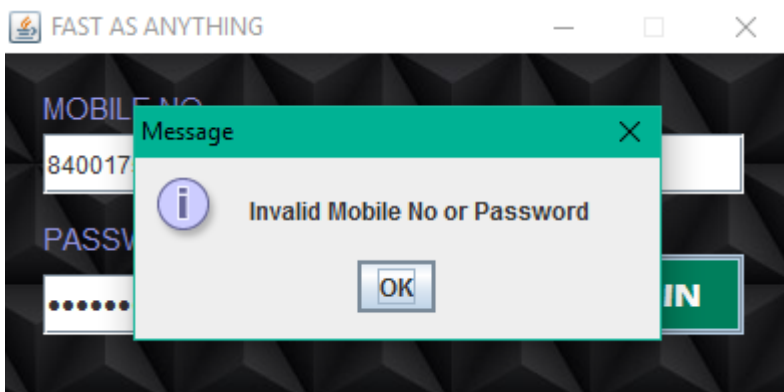
CLICK HERE BUTTON CREATES A NEW ROW IN THE DATABASE WITH ALL THESE FIELDS AND THAT'S HOW A NEW ACCOUNT IS CREATED

EVERY OTHER BUTTON LAUNCHES A SEPERATE LOGIN WINDOW WHICH VALIDATES MOBILE NO AND PASSWORD.

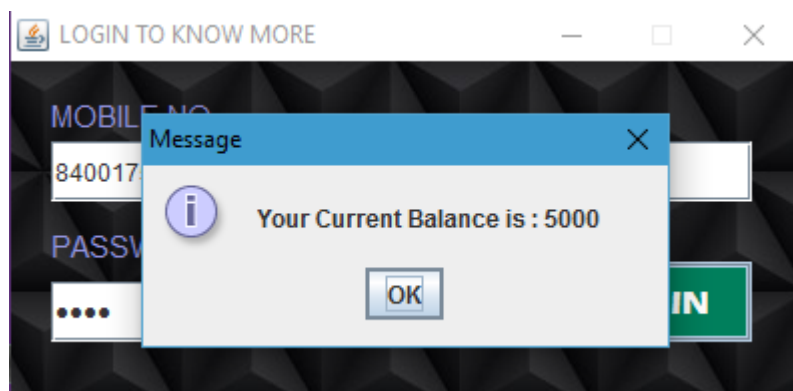
ONCE LOGIN IS SUCCESSFUL THEY REDIRECT THE USER TO APPROPRIATE WINDOW SUCH AS TRANSFER MONEY, CLOSE ACCOUNT, ENQUIRY



IT'S A SIMPLE WINDOW WHICH ASKS FOR MOBILE NUMBER AND PASSWORD.



ON CLICK OF LOGIN BUTTON A DATABASE QUERY EXECUTES AND MATCHES USERNAME AND PASSWORD. IF THEY ARE INVALID THIS MESSAGE IS SHOWN.



ONCE YOU PASS LOGIN AUTHENTICATION YOU GET TO SEE YOUR CURRENT BALANCE.

TRANSFER FUNDS EASILY

MOBILE NUMBER OF RECIPIENT

8400175851

AMOUNT

6000

TRANSFER

THE FUND TRANSFER WINDOW ASKS YOU FOR RECIPIENT'S MOBILE NUMBER AND AMOUNT.

THEN YOUR CURRENT BALANCE IS CHECKED AGAINST THE INPUT AMOUNT FOR UNDERFLOW AND UPDATE QUERY IS FIRED.

THE ADMIN ACCOUNT IS A SPECIAL FEATURE

IT ALLOWS US TO MONITOR AND TRACK USER ACTIVITIES WITH FULL RIGHTS

ADMINISTRATOR ACCOUNT

USERNAME

admin@engineersbank.com

PASSWORD

.....

smwm

smwm

LOGIN

The project is still in its development phase once it is done the source code will be made available.

All the codes are 100% hand typed and no help of visual editors is taken.