

Ex. No. : 9

Date: 26/04/2022

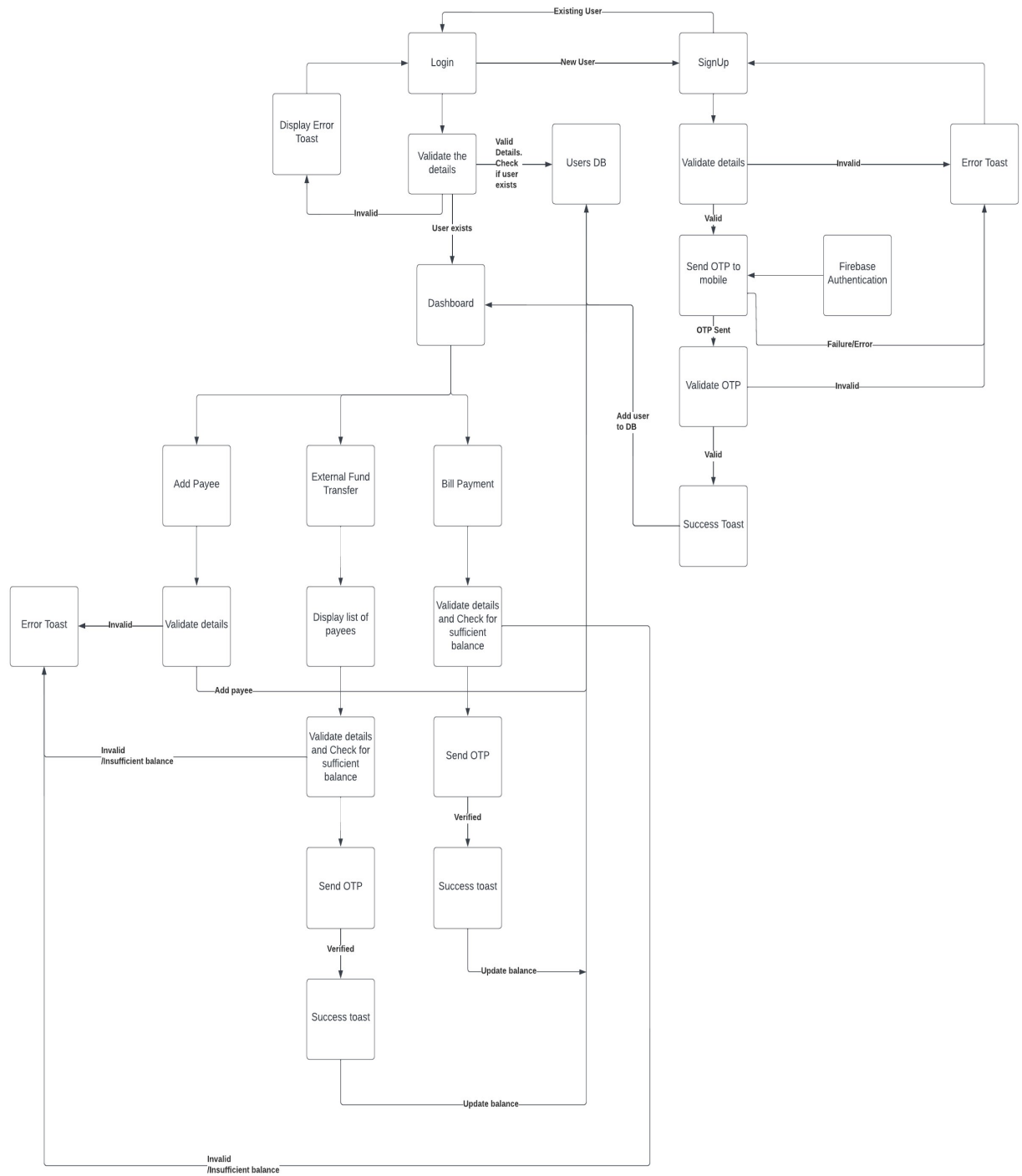
Problem statement:

Create a mobile banking application for user registration. Get username, password and Retype password. Verify the registration by sending OTP to the mobile number.

After registration, allow the user to do following activities by sending OTP :

- Adding new Beneficiary
- External Fund transfer
- Online Bill payment

Design: (Block diagram)



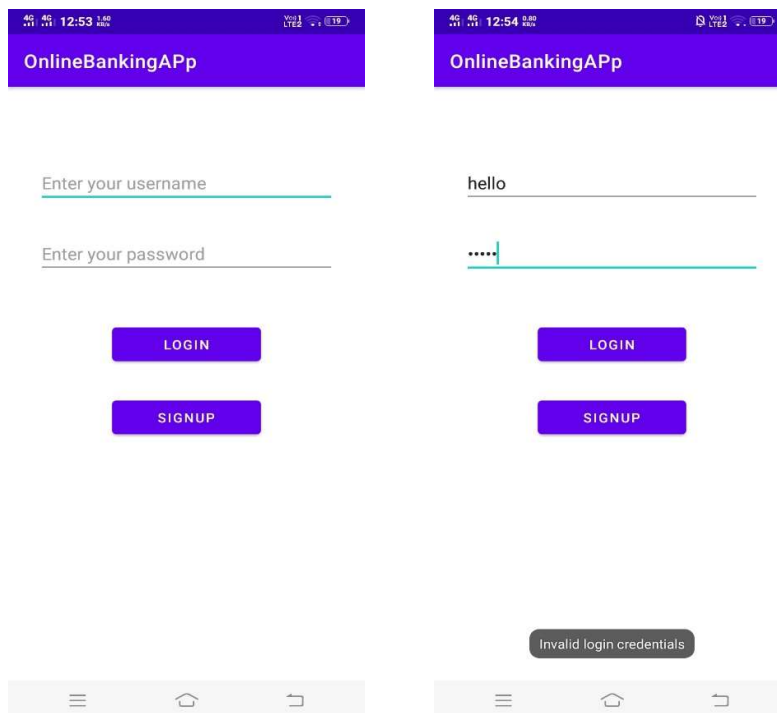
Tool used:

- Android studio
- Firebase Authentication
- SQLite Database
- Java
- XML

Code:

<https://drive.google.com/drive/folders/1faDEjS56Kez3pj0i5JyNpS1rYlKzFqN1?usp=sharing>

Screenshots of application:



OnlineBankingAPp

Enter your username

Enter your account number

Enter your balance

Enter your mobile number

Enter your password

Confirm password

GET OTP

LOGIN

Please enter a valid phone number.

OnlineBankingAPp

Enter your username

Enter your account number

Enter your balance

Enter your mobile number

Enter your password

Confirm password

GET OTP

LOGIN

Please enter a valid phone number.

OnlineBankingAPp

hello

12345

2000

8778245949

...

...

GET OTP

LOGIN

Username already taken

OnlineBankingAPp

hello

12345

2

8778245949

...

...

GET OTP

LOGIN

Passwords do not match!

OnlineBankingAPp

haemanth10

12345

2

8778245949

GET OTP

LOGIN

Minimum balance is 2000

OnlineBankingAPp

haemanth10

12345

20000

8778245949

GET OTP

LOGIN

OnlineBankingAPp

Enter your 6 digit O

VERIFY

OTP Sent

Messages

51471 • Now
069774 is your verification code.

Copy verification co... | Delete

069774

VERIFY

