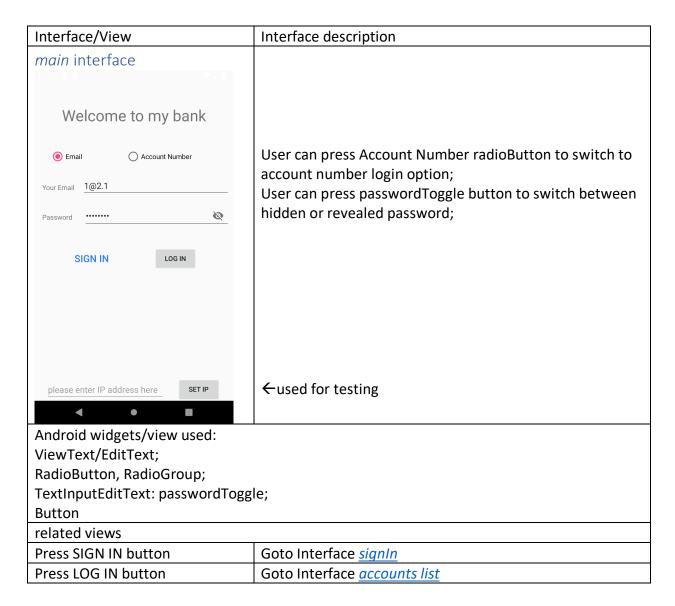
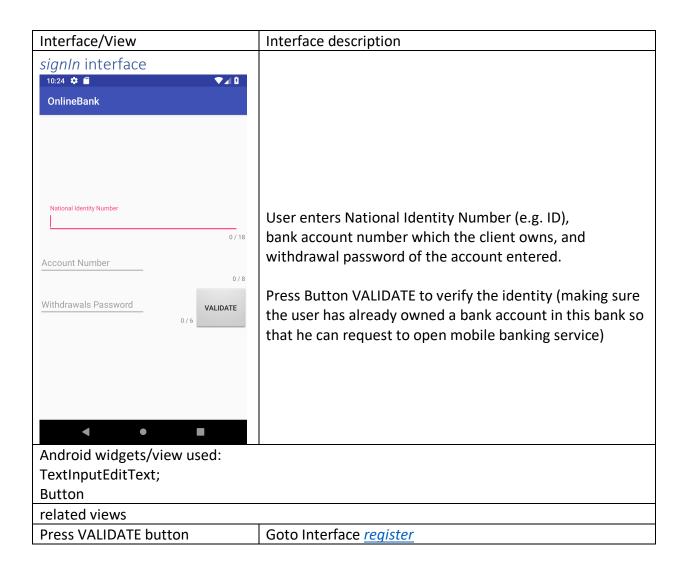
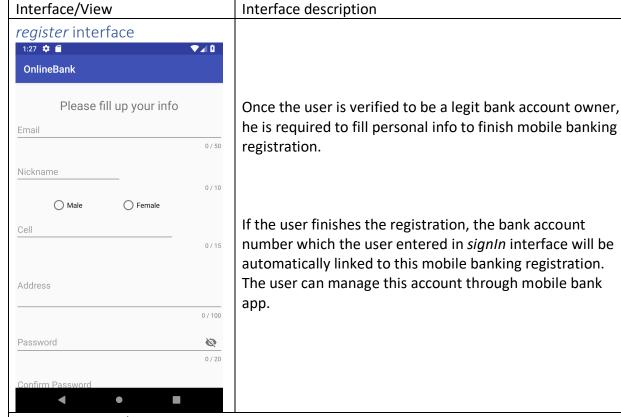
## Simple simulated mobile banking App

- The purpose of making this simulated app is totally out of interests on mobile software development and the wish to implementing known knowledge from college into real practice.
- This simulated mobile banking app mocks several basic services provided by mobile banking app on the market, such as account register and login, transfer and payee maintenance.
- The development process includes the development of the application on Android platform, server code and database code.
- The development process goes through four parts:
  - 1: clients provide their demands;
  - 2: analysis of the demands from clients;
  - 3: software design which includes two sub parts, overall design and detailed design.
  - 4: software development.

## Demo







Once the user is verified to be a legit bank account owner,

If the user finishes the registration, the bank account number which the user entered in signIn interface will be automatically linked to this mobile banking registration. The user can manage this account through mobile bank

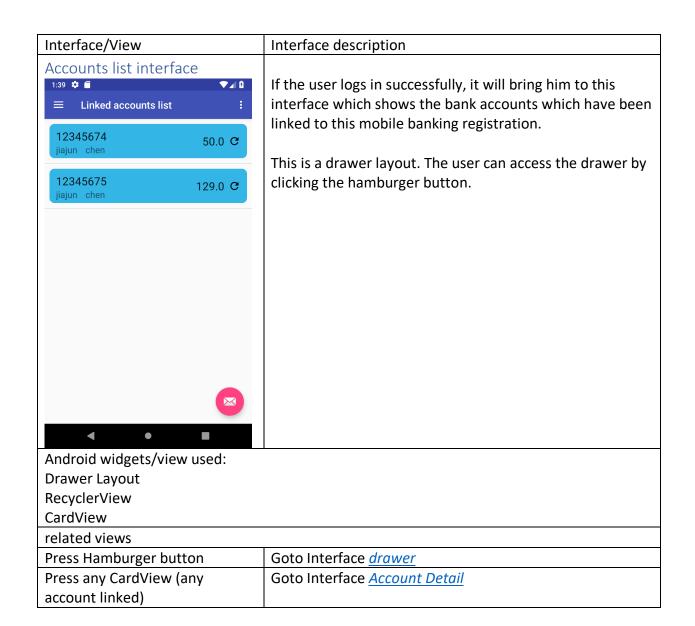
Android widgets/view used:

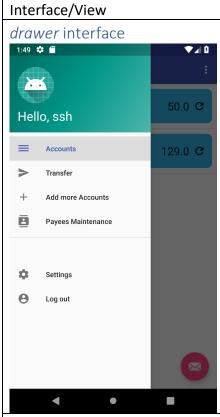
ScrollView

RadioButton, RadioGroup

TextInputEditText;

Button





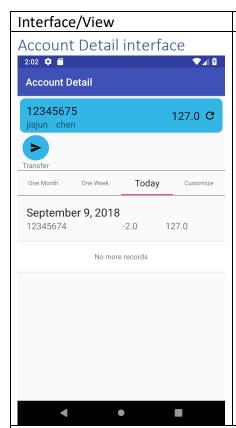
## Interface description

The user can navigate to personal profile page by clicking the header of the navigation drawer (the green part), to accounts list, bank transfer, add more accounts, payee maintenance, settings and log out by clicking the respective menu option. New content will be loaded into the existing activity by fragment transaction.

Android widgets/view used:

**Navigation Drawer** 

Navigation Diawei	
related views	
Goto Interface <u>Personal Profile</u>	
Goto Interface <u>Accounts list</u>	
Goto Interface <u>Transfer</u>	
Goto Interface Add more Accounts	
Goto Interface <u>Payee Maintenance</u>	
Goto Interface <u>Settings</u>	
Goto Interface <u>Log out</u>	



## Interface description

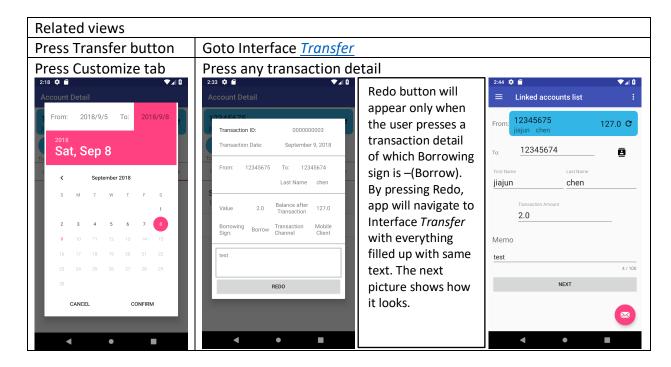
Account detail shows recent transaction. The user can select transaction history in today, one week, one month and a customized date range.

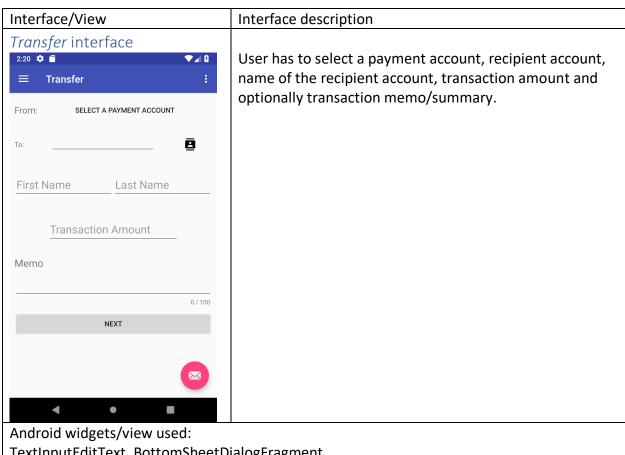
Transaction history will load and display 10 transaction detail at a time. The user needs to pull up to request to load more.

The user can initiate a new transfer, of which the payment account is this selected account by pressing the Transfer button under the cardView (blue part).

Android widgets/view used:

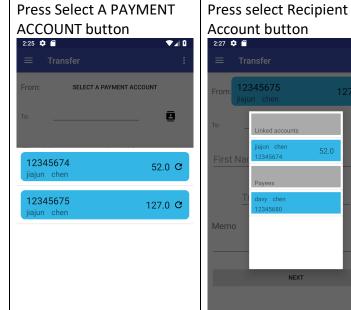
TabLayout, RecyclerView, SwipeRefreshLayout, AlertDialog, DatePicker

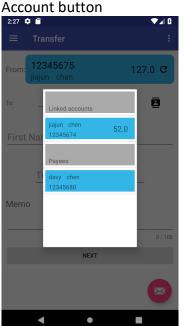


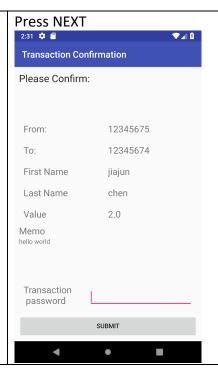


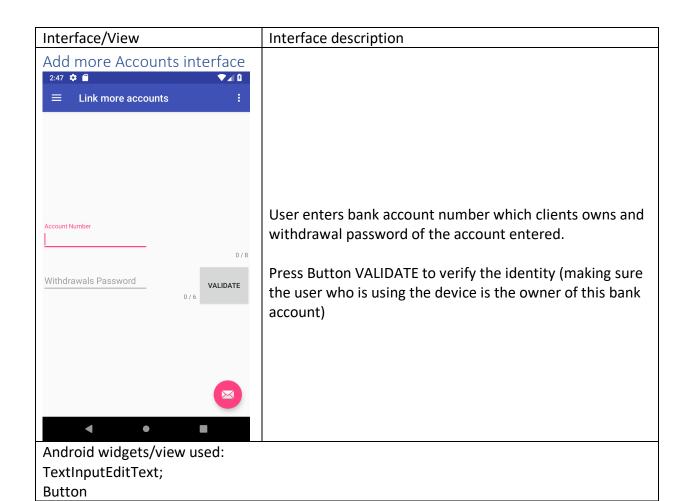
TextInputEditText, BottomSheetDialogFragment RecyclerView, Button

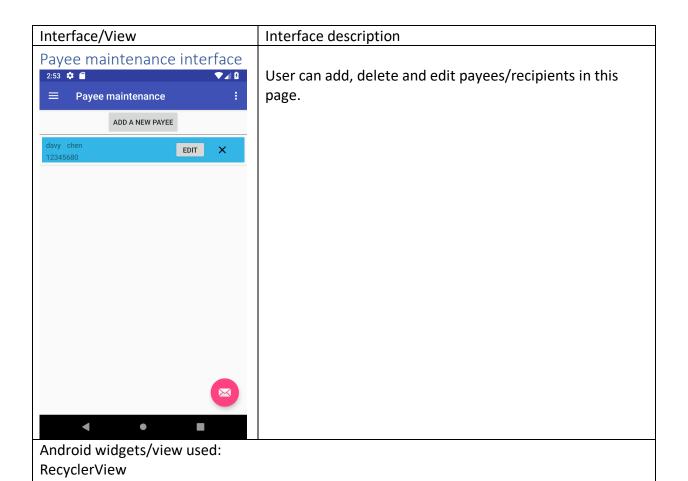
Related views





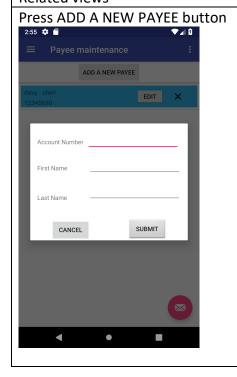


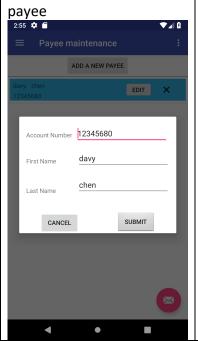




Related views

AlertDialog





Press Edit button of any

