My Wallet Application

This is a mobile finance management. It allow to control personal budget and increase your saving efficiency.

Require techniques:
- Activity
- Fragment
- Nine patch image
- Layout
- Sqlite
- Shared preference.
- Interface
- 3rd library.

Your assignment is build a application following this design.

Below is app description:

This app used sqlite to store data including 2 table: Items and Categories.

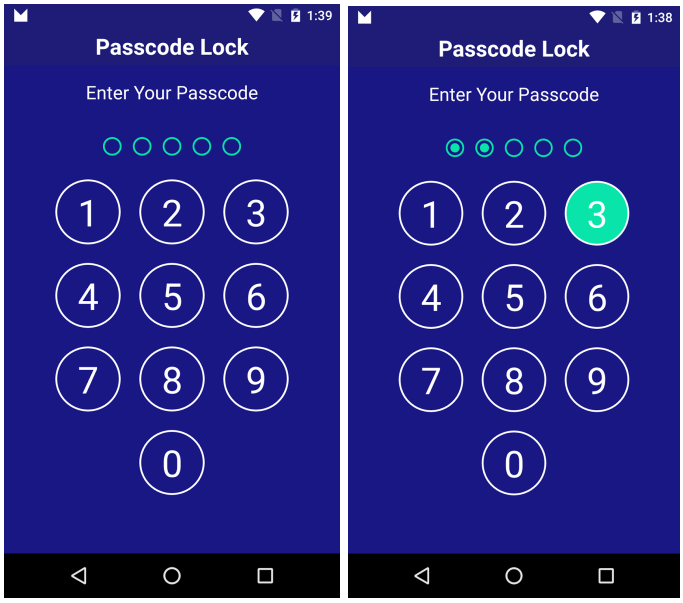
+ **Properties of an item**:
  ID : *Item ID*
  Type: *Item type - including 2 type:* ***INCOME*** *and* ***EXPENSE***
  Name: *Item name (note) - description about this item.*
  Date: *the date that user selected to add item.*
  Value: *value of money that you got/spent (currency is VND)*
  CategoryID: *the category id.*
+ **Properties of a category**:
  ID: Category ID.
  Name: Category name.
  IconName: Category icon name.

I used a 3rd library in this project. You can find the guideline here
https://github.com/BlackBoxVision/material-calendar-view

I recommend you should follow this guideline:
https://github.com/ribot/android-guidelines/blob/master/project_and_code_guidelines.md
https://github.com/futurice/android-best-practices#activities-and-fragments

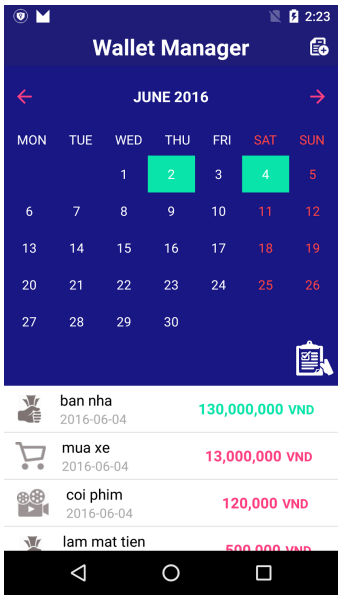
There are 5 screens:

1. Passcode Lock screen: let user set his passcode in first time and use this passcode for the next access time. Below is the design for this screen.



2. Main Screen: this screen shows daily finance log data.

- All current date logged data in a list.

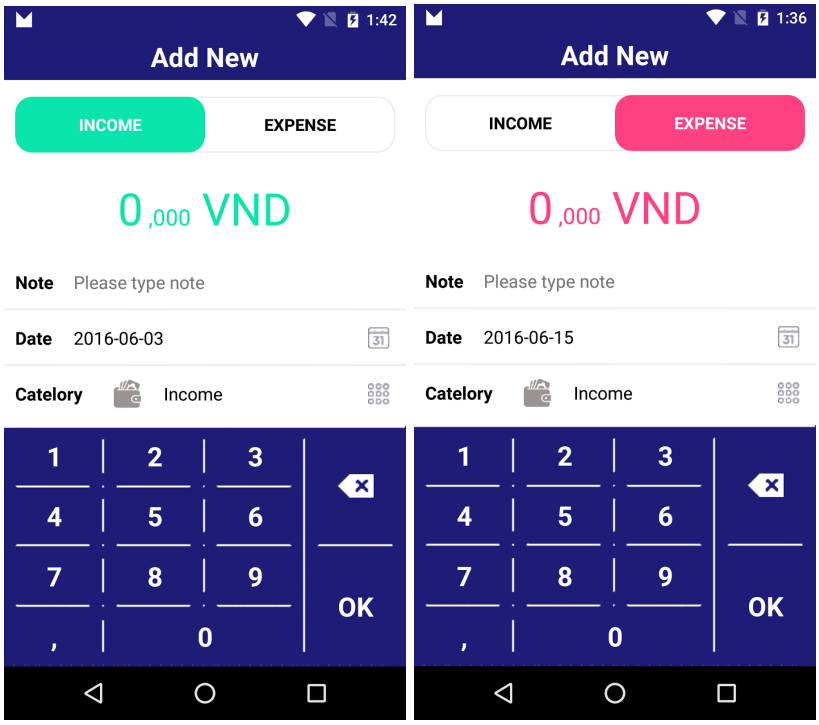


- You can pick another date to see logged data in that date.
- You also switch to view other month.
- Show **Add New** screen when user clicks on add button (the top right button)

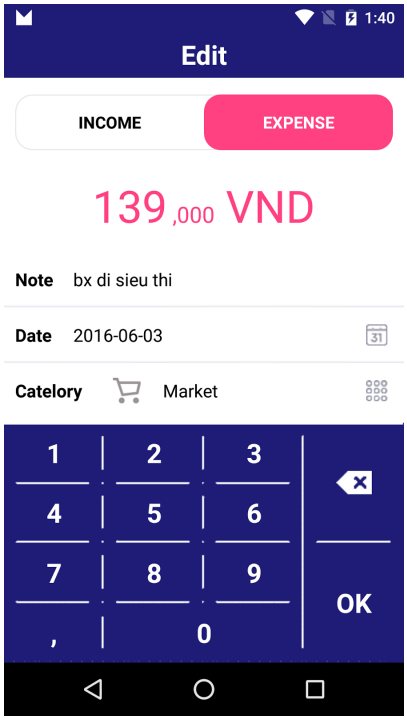
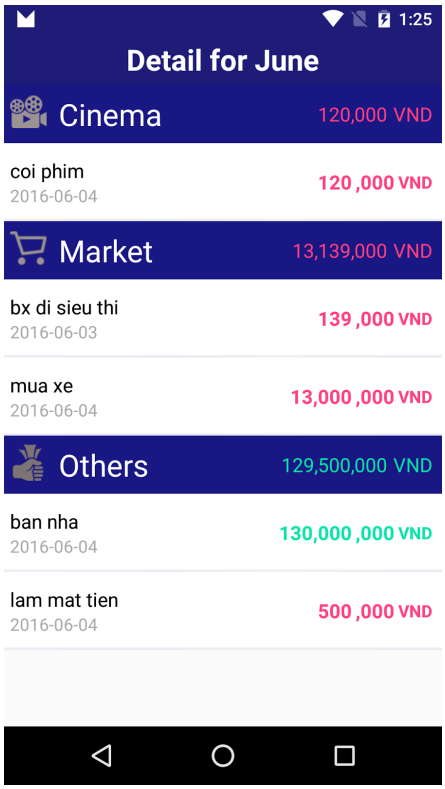
- Show **Edit** screen when user long clicks on a item of the list ==> select edit and delete this item when select delete button.

- Show **Summary Dialog** when user selects report icon ==> show **Detail Report** screen when selects expand button (the top right button) on below dialog.

3. Add New Screen: add new item into selected date
There are 2 type of item: **INCOME** and **EXPENSE**



4. Edit Screen: edit information in selected date.



5. Detail Report Screen: Detail for finance monthly report.