

MONEYWALLET

team #3

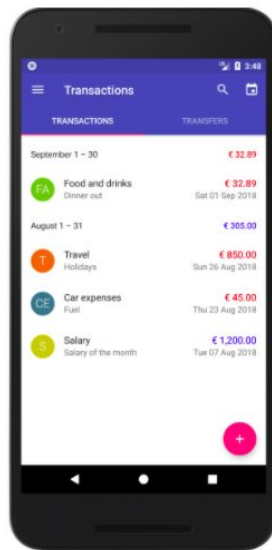
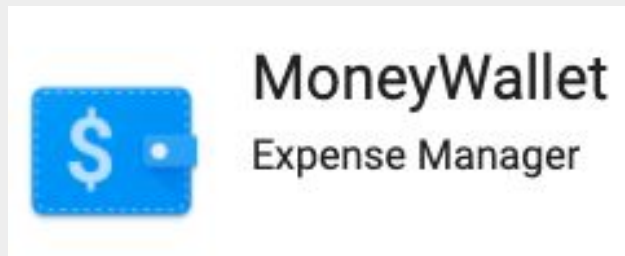
108598011 官茂原、108598021 張彥翔
108598025 葉柏志、108598058 方聖華
108598063 簡子祺

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App Introduction

MoneyWallet是一款管理金錢的手機應用程式，可以記錄生活中的各種花費，金錢的流向，以及得到匯率、距離最近的銀行等資訊，並提供計算機的功能。



Main feature

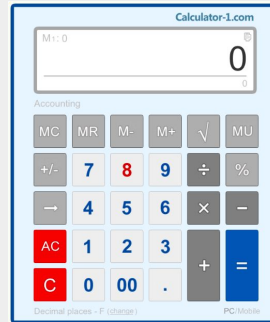
CRUD wallet



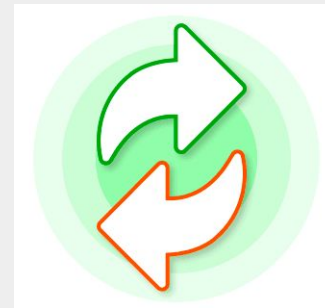
CRUD budget



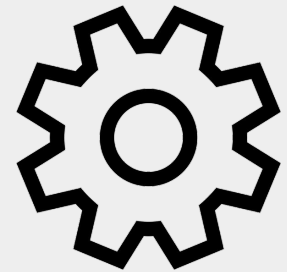
Calculator



Converter



Settings



Purpose of Test Plan

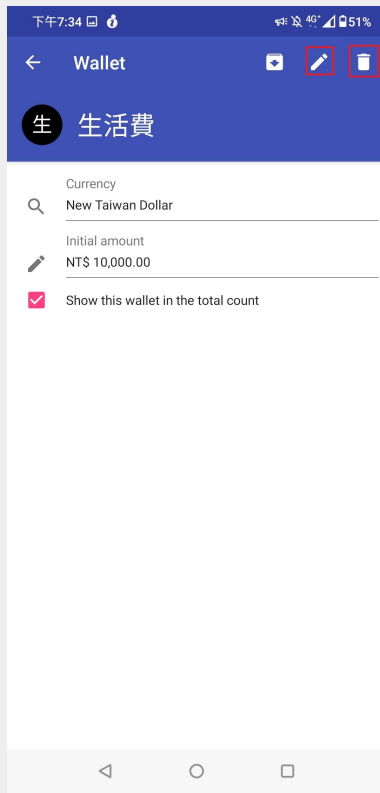
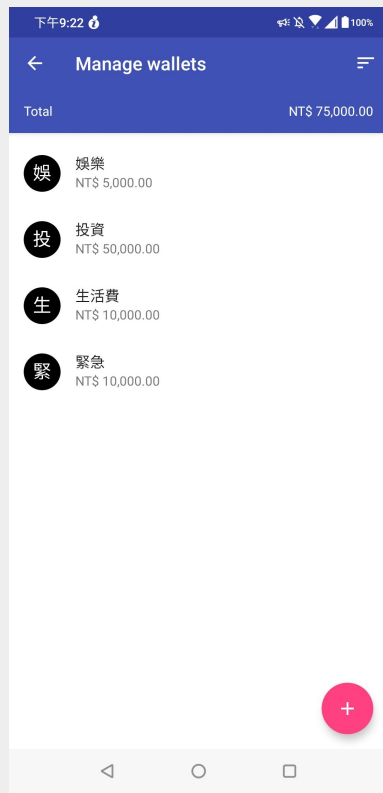
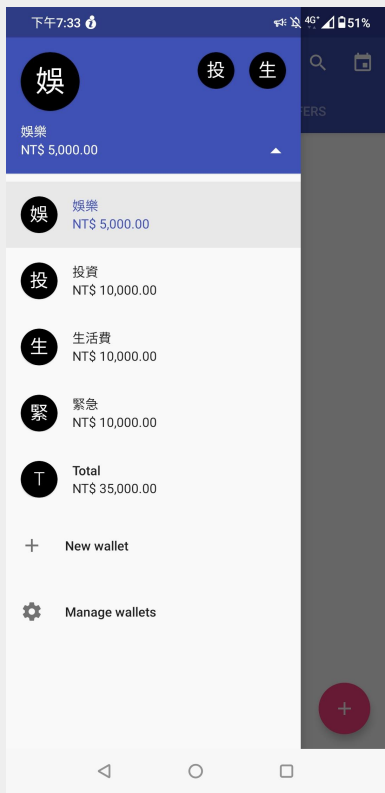
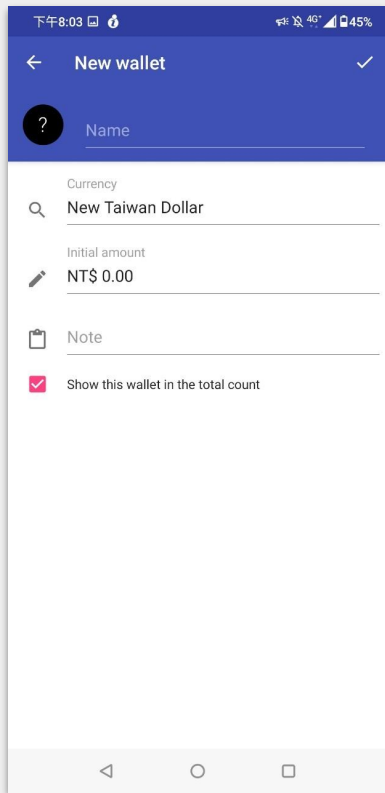
根據文件所寫的測試項目，撰寫自動化測試腳本，
測試 MoneyWallet 主要的基本功能，得到測試結果後，
評估 MoneyWallet 的基本功能是否正常運作。

Feature To Be Tested

Feature to Test	Test Description
CRUD for Wallet	測試Wallet的基本操作: Create, Read, Update and Delete
CRUD for Budget	測試Budget的基本操作: Create, Read, Update and Delete
CRUD for Transaction	測試Transaction的基本操作: Create, Read, Update and Delete
CRUD for Debt	測試Debt的基本操作: Create, Read, Update and Delete
CRUD for Saving	測試Saving的基本操作: Create, Read, Update and Delete
Total amount calculate	測試計算總金額的功能是否正確
Calculator operate	測試計算機所提供的功能是否正確
Currency convert	測試所提供換匯的功能是否正確
Import and export	測試匯入及匯出的功能是否正確

Feature To Be Tested

測試Wallet的基本操作功能(CRUD)



Feature To Be Tested

測試Transaction的基本操作(CRUD)

下午7:34 4G 51%

← New transaction

NT\$ 0.00

Description

Category

Date 週二 21 4月 2020 Time 19:34

Wallet 生活費

Event

People

Place

Note

☒ Confirmed

☒ Show in total wallet

下午9:24 100%

☰ Transactions

TRANSACTIONS TRANSFERS

4月1日至30日 NT\$ 40,000.00

D Debt 學貸	NT\$ 40,000.00	週二 21 4月 2020
CE Car expenses	NT\$ 0.00	週二 21 4月 2020
FA Food and drinks	NT\$ 0.00	週二 21 4月 2020

+

下午7:36 4G 50%

← Transaction

NT\$ 0.00

Category Food and drinks

Date 週二 21 4月 2020, 19:35

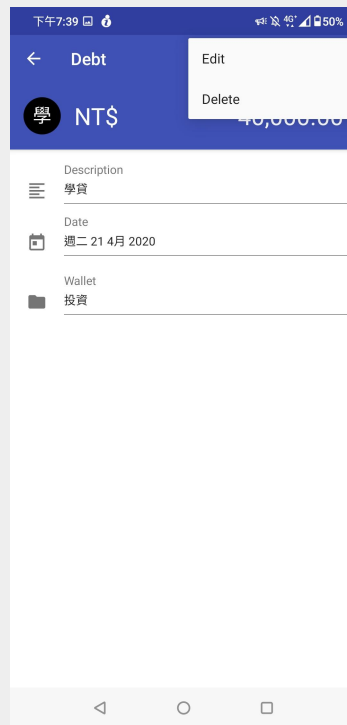
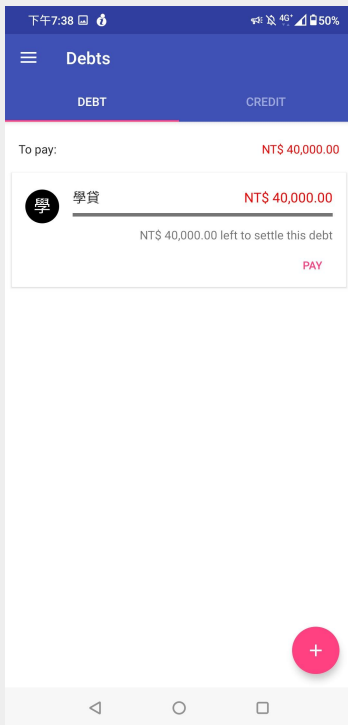
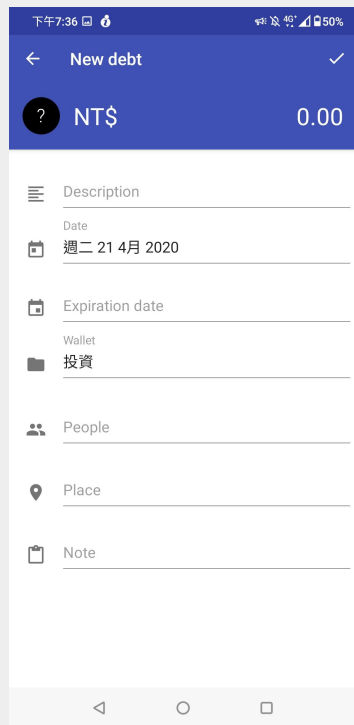
Wallet 生活費

☒ Confirmed

☒ Show in total wallet

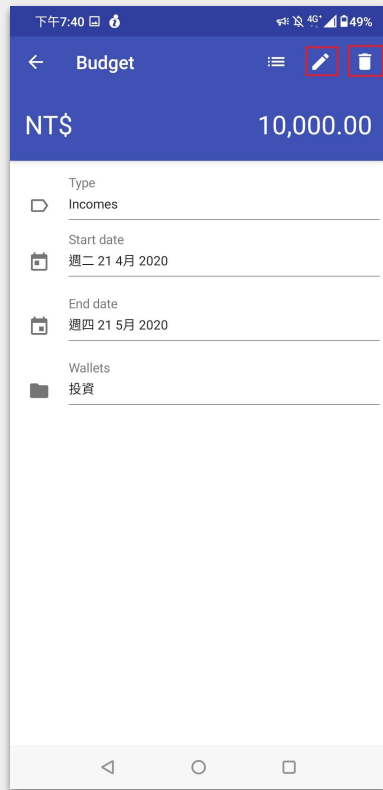
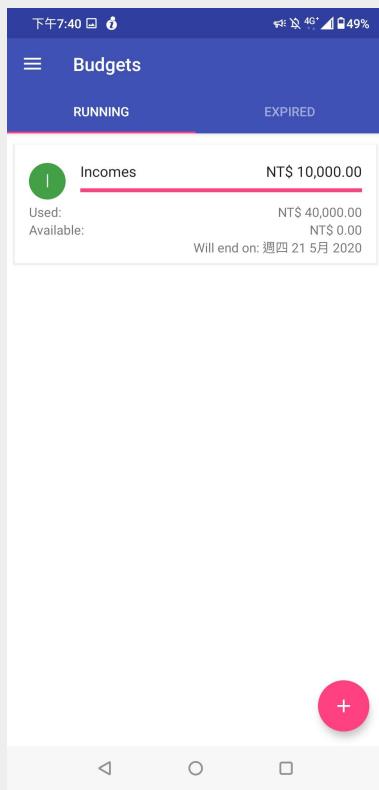
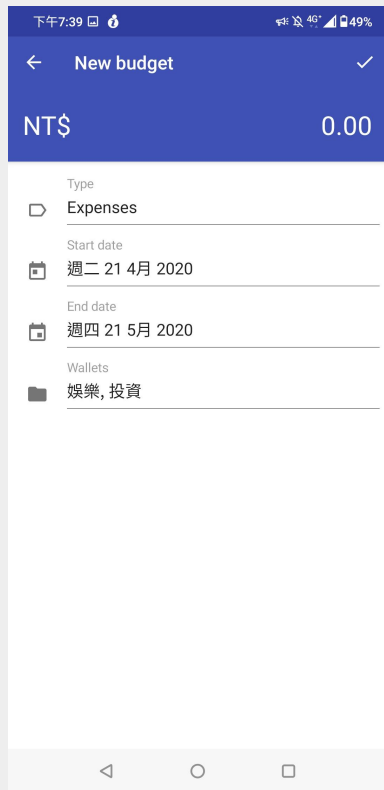
Feature To Be Tested

測試Debt的基本操作功能(CRUD)



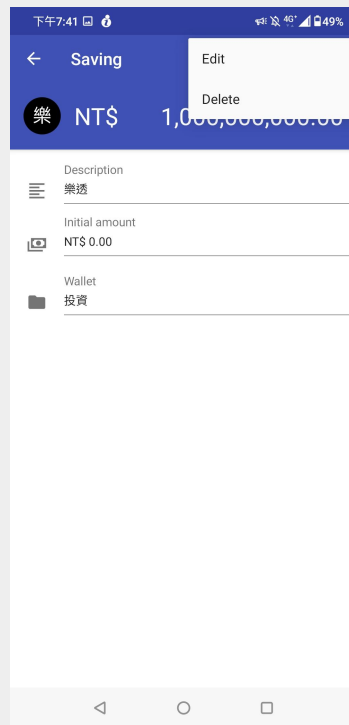
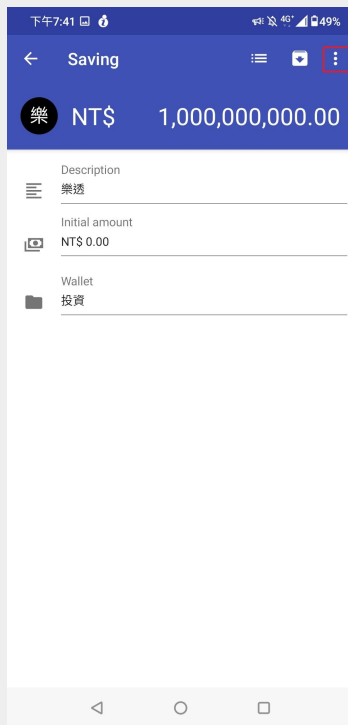
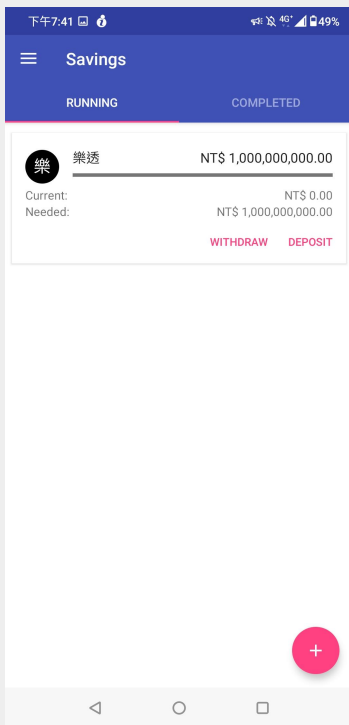
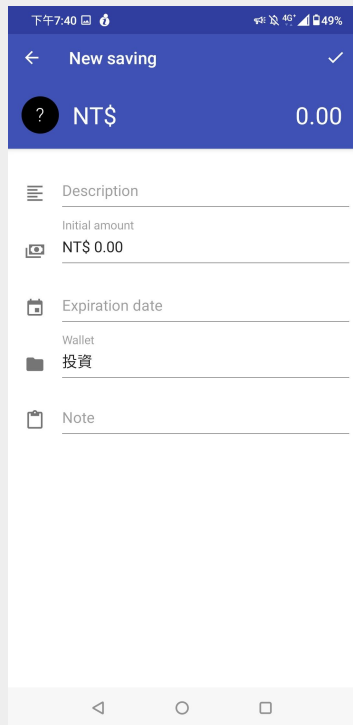
Feature To Be Tested

測試Budget的基本操作功能(CRUD)



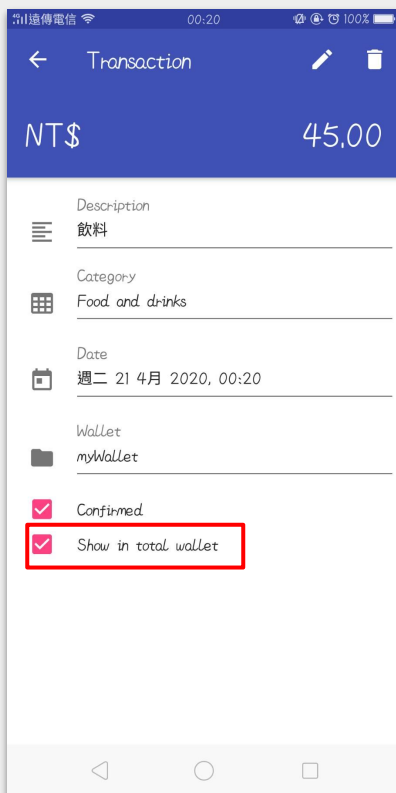
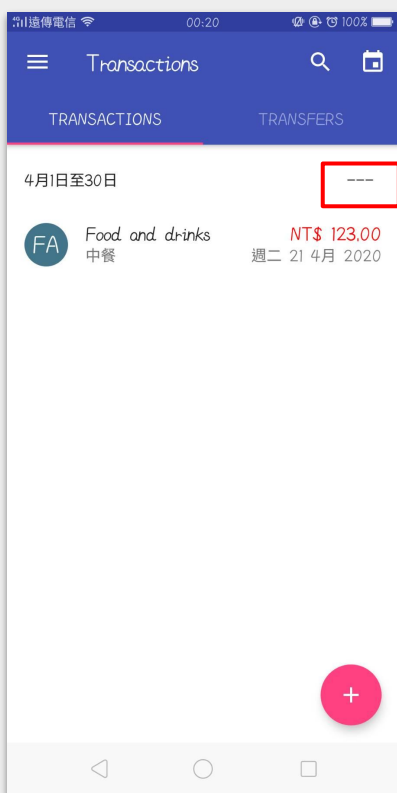
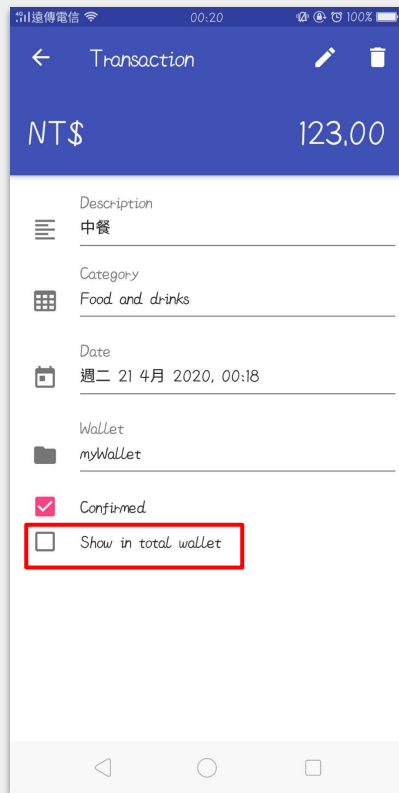
Feature To Be Tested

測試Saving的基本操作功能(CRUD)



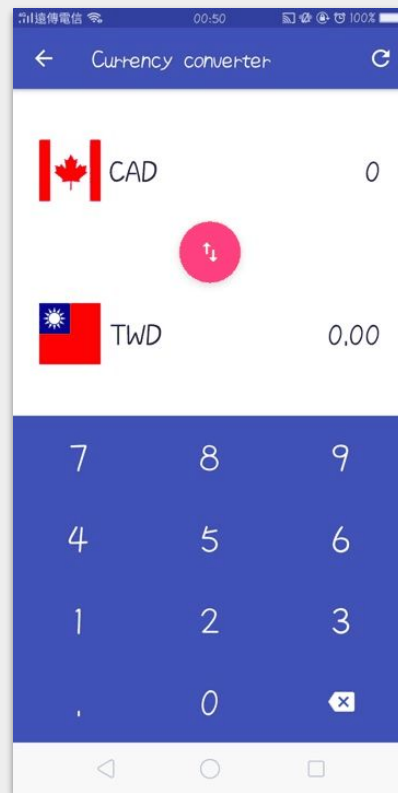
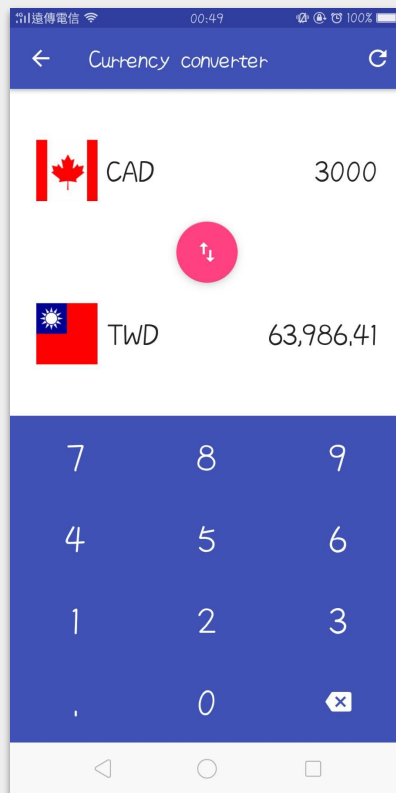
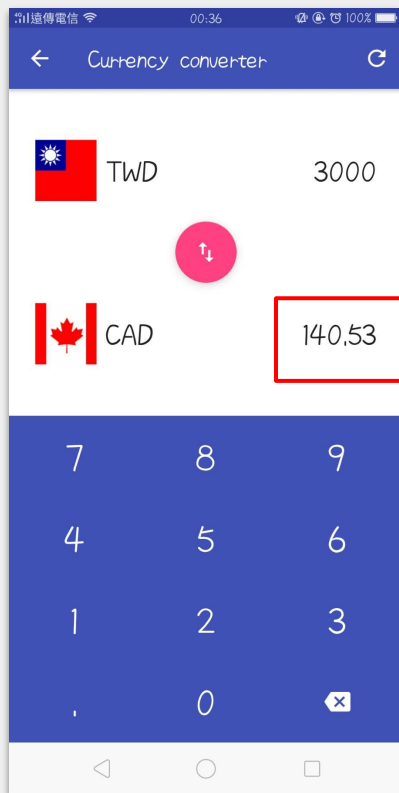
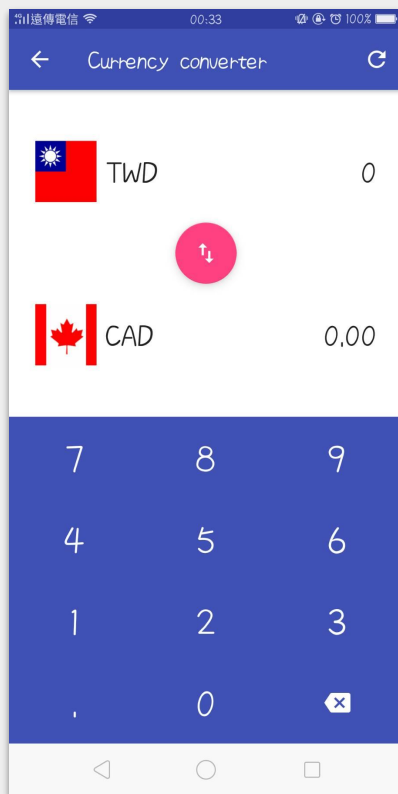
Feature To Be Tested

測試合計功能



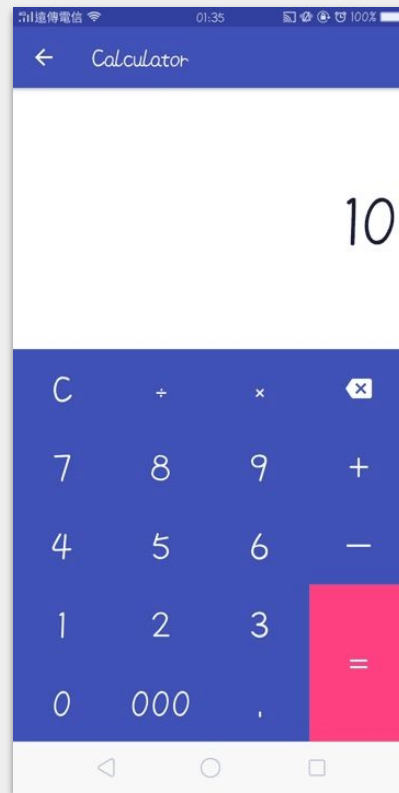
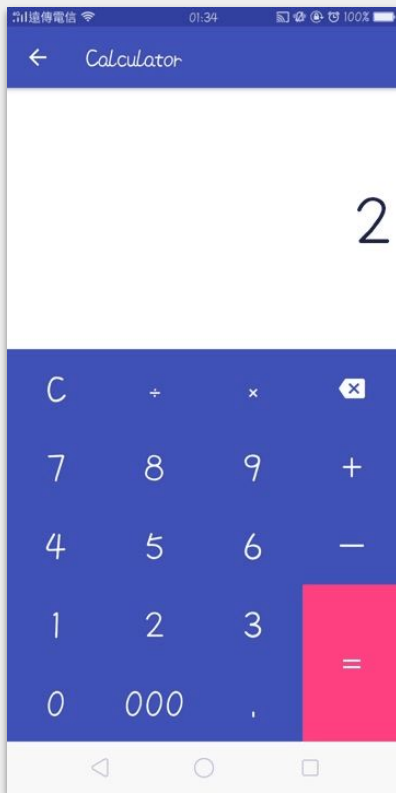
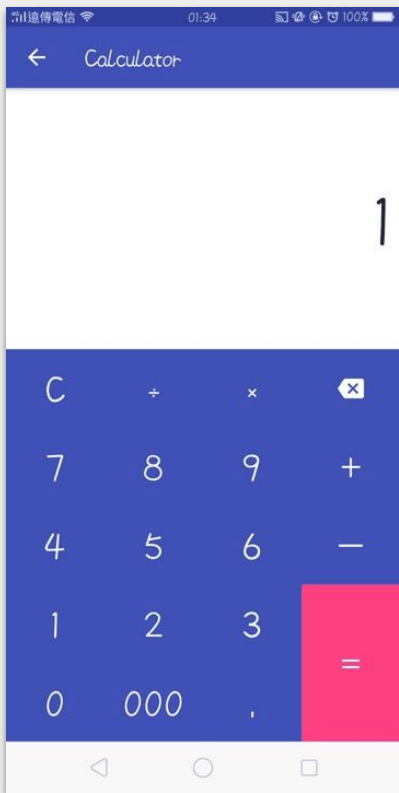
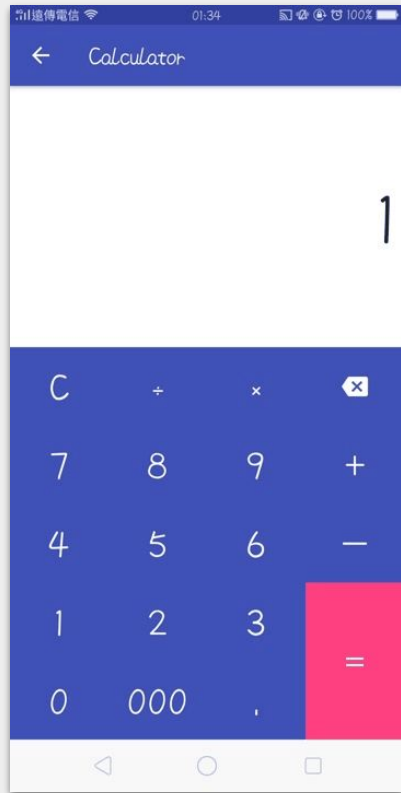
Feature To Be Tested

測試匯率轉換功能



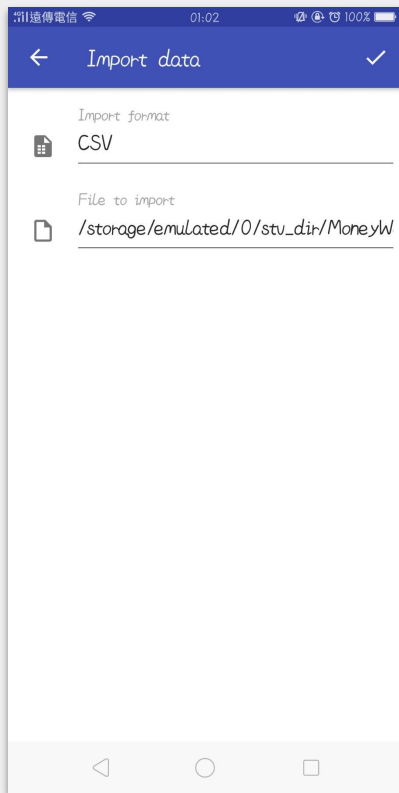
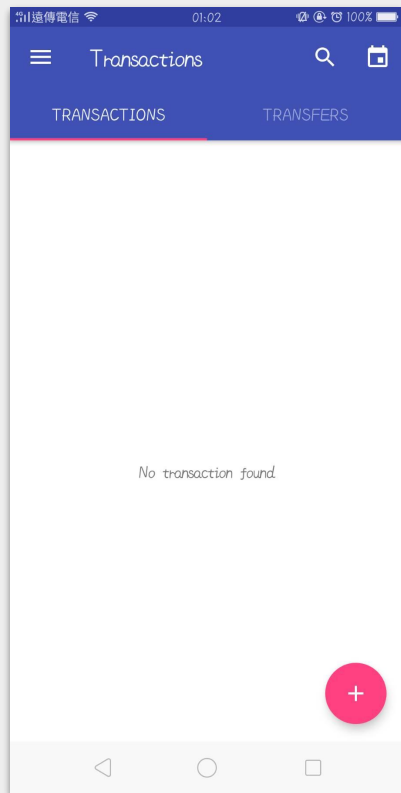
Feature To Be Tested

測試計算機計算功能



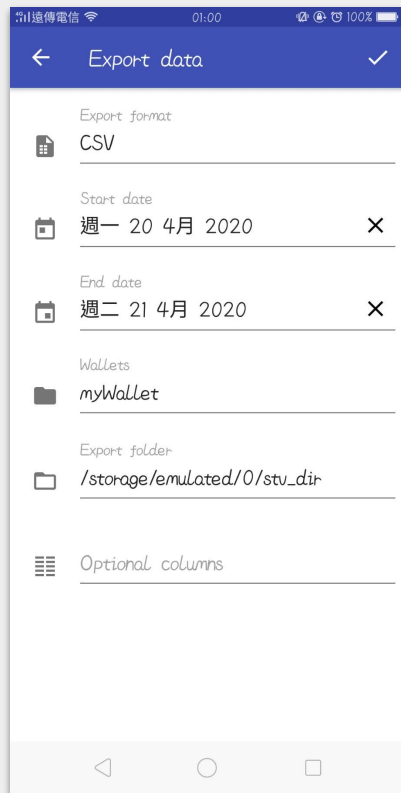
Feature To Be Tested

測試資料匯入功能



Feature To Be Tested

測試資料匯出功能



	A	B	C	D	E	F
1	wallet	currency	category	datetime	money	description
2	myWallet	TWD	Food and d#####		-45	飲料
3	myWallet	TWD	Food and d#####		-123	中餐

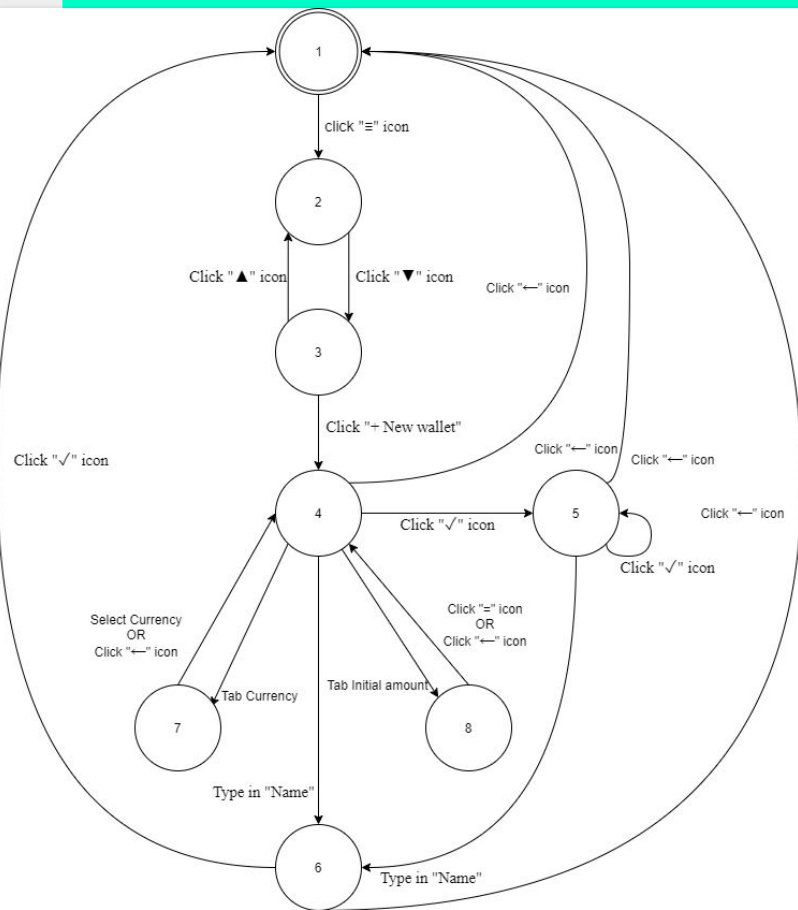
Feature Not To Be Tested

Feature not to Test	Test Description	Reason
Positioning service	測試定位的功能是否正確	無法確認定位功能是否正確
Search ATM	測試Search ATM的功能是否正確	無法確認定位出的ATM是否正確
Payment	測試付費的功能是否正確	無法確認付費功能是否正確
Search bank	測試Search bank的功能是否正確	無法確認定位出的bank是否正確

Feature Pass/Fail Criteria

Item	Criteria
All items (Wallet, Budget, Transaction, Debt, Saving)	對 items 做 CRUD, 其功能必須正確
Field	欄位輸入須可接受所有字元
Calculator	計算機計算結果必須正確
Currency converter	換匯後的結果必須與中央銀行誤差小於5%
Import and export	資料須正確匯出並可以正確匯入

Test Graph Example

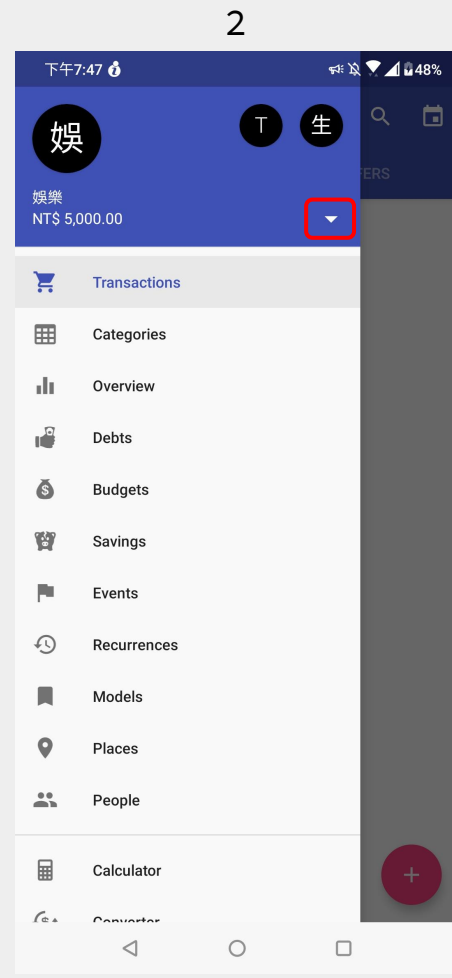
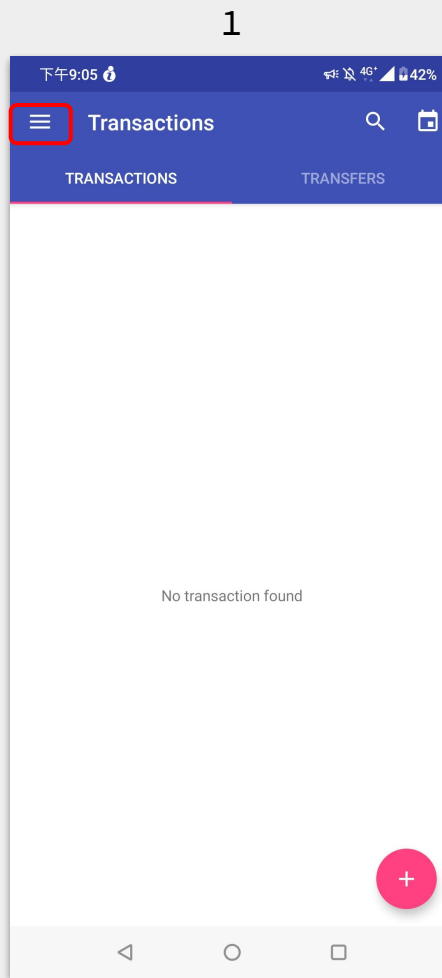
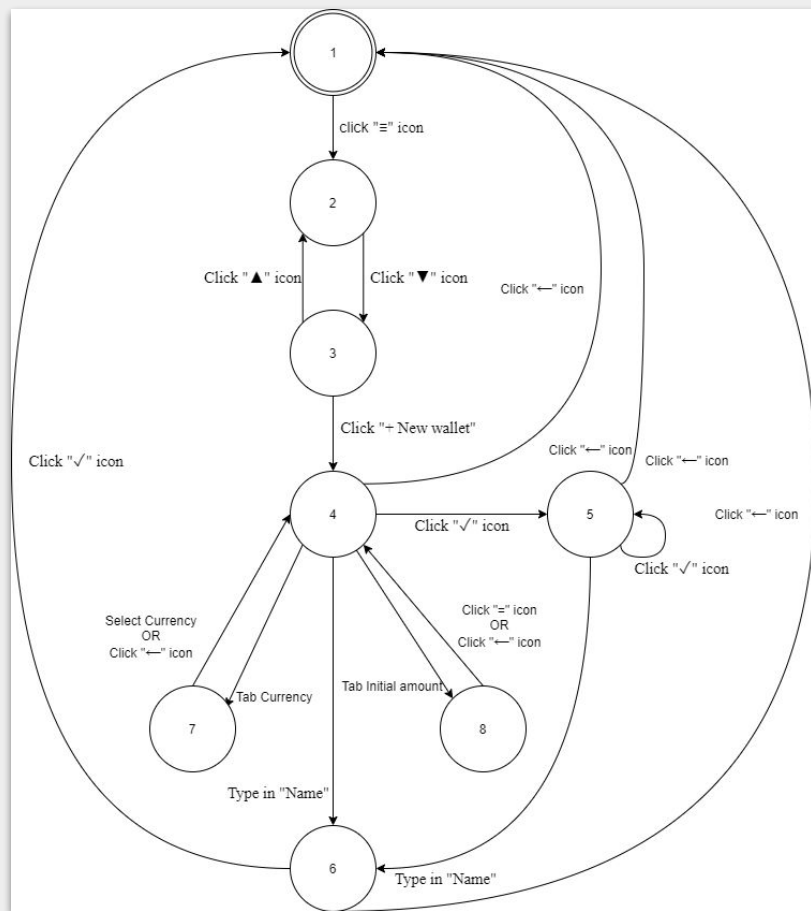


APP 主要功能為 CRUD Wallet, 該功能互動性較高, 所以我們使用 Graph 來做為測試依據。

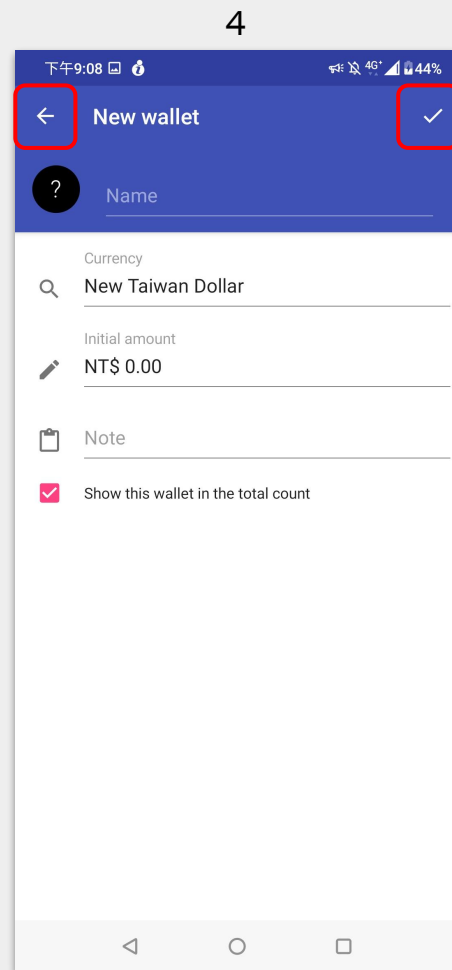
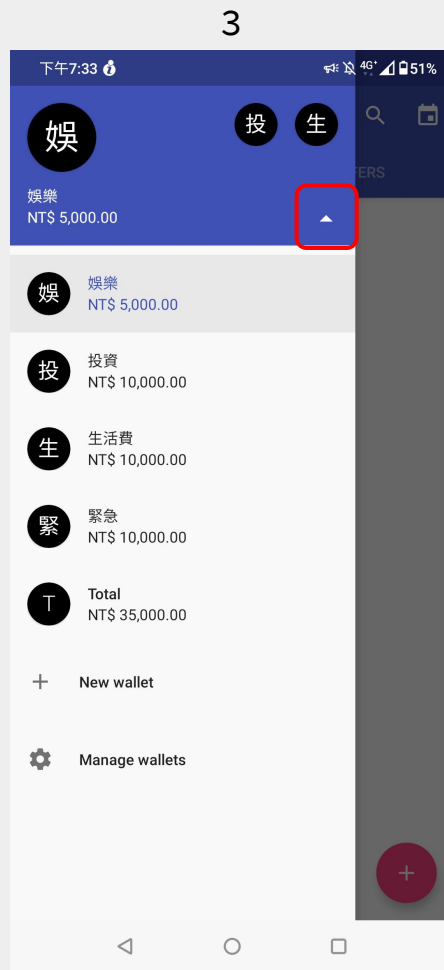
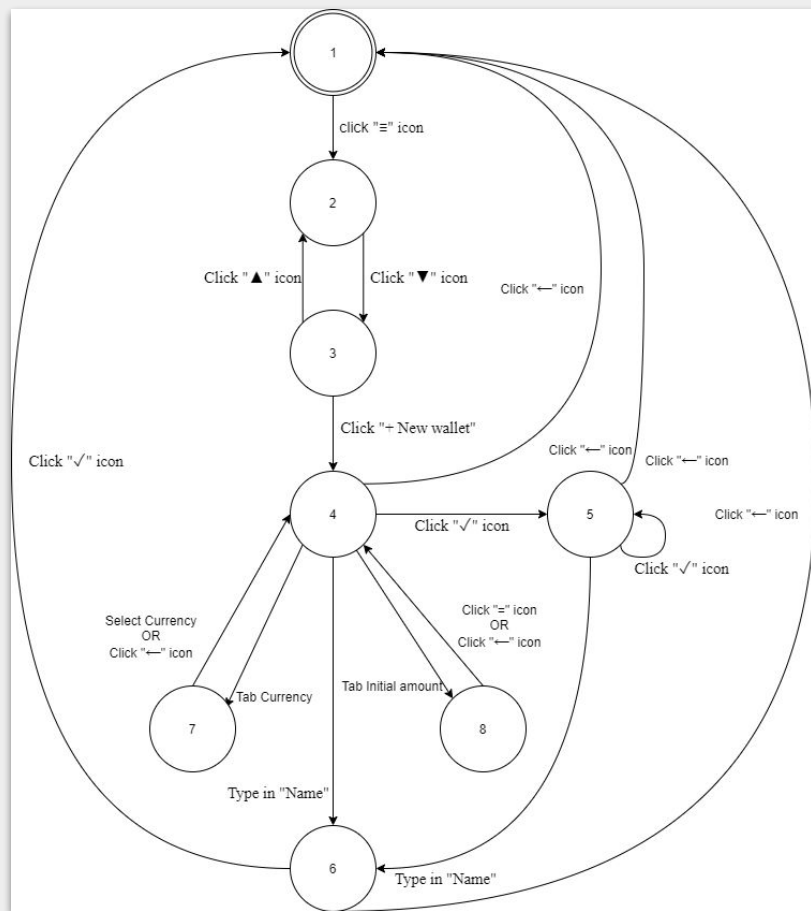
Graph 的界定為畫面的切換以及特殊警示的顯現。

接下來將以 Create Wallet 的 Graph 作為範例。

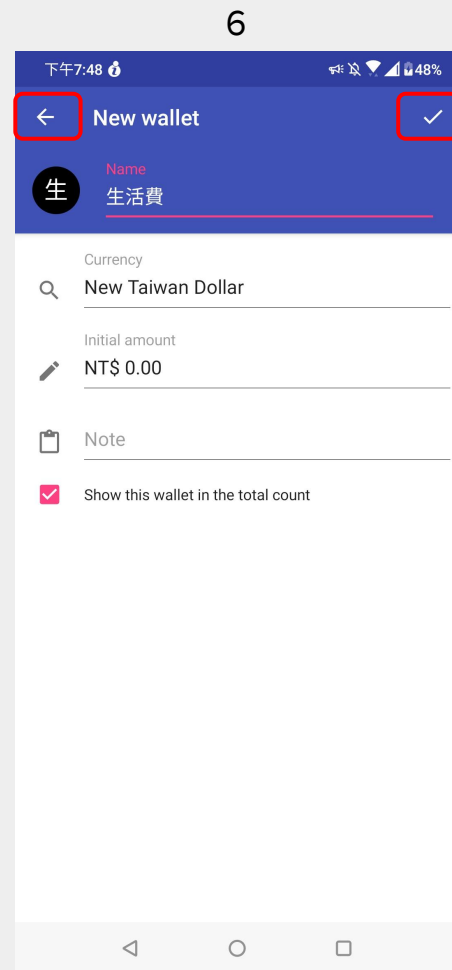
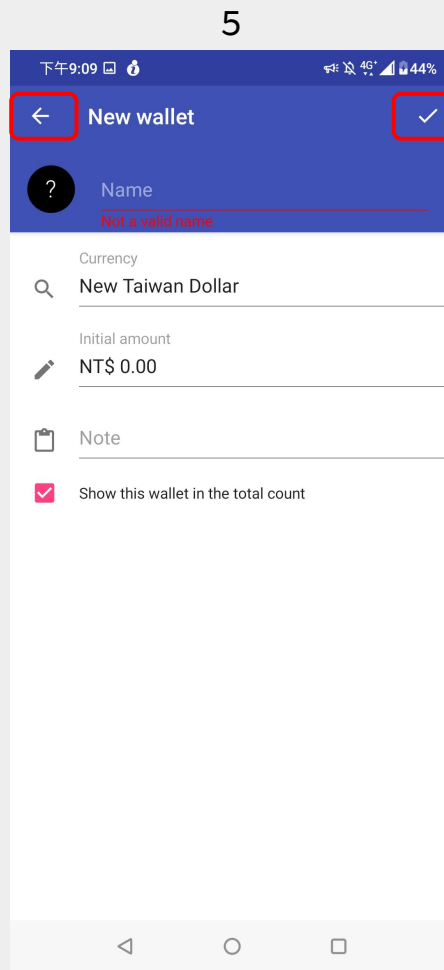
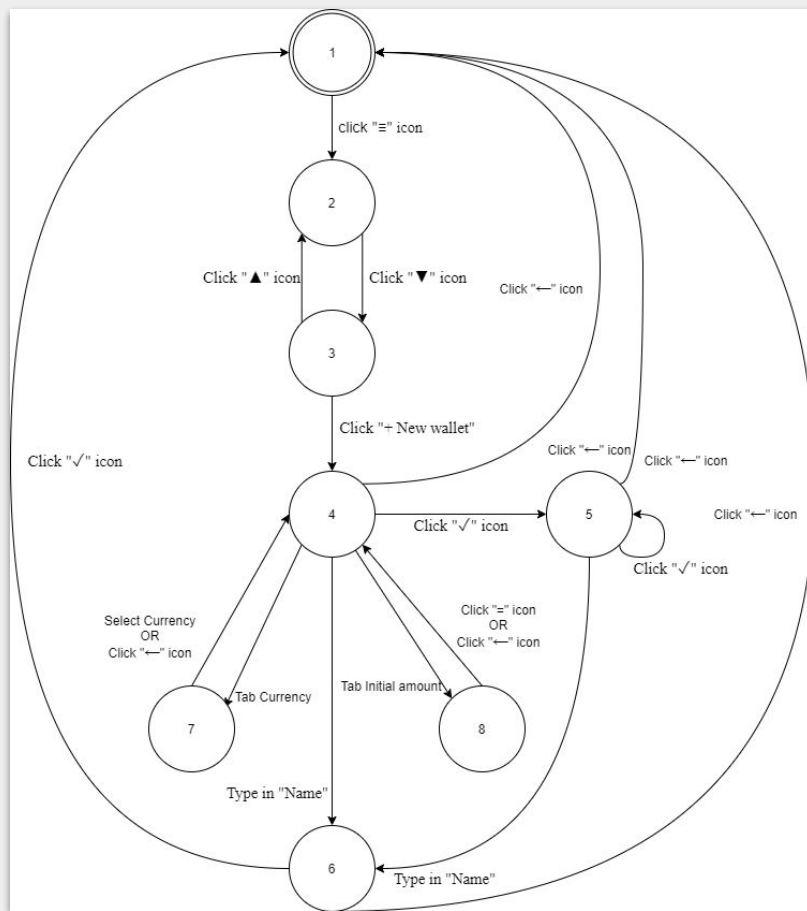
Test Graph Example



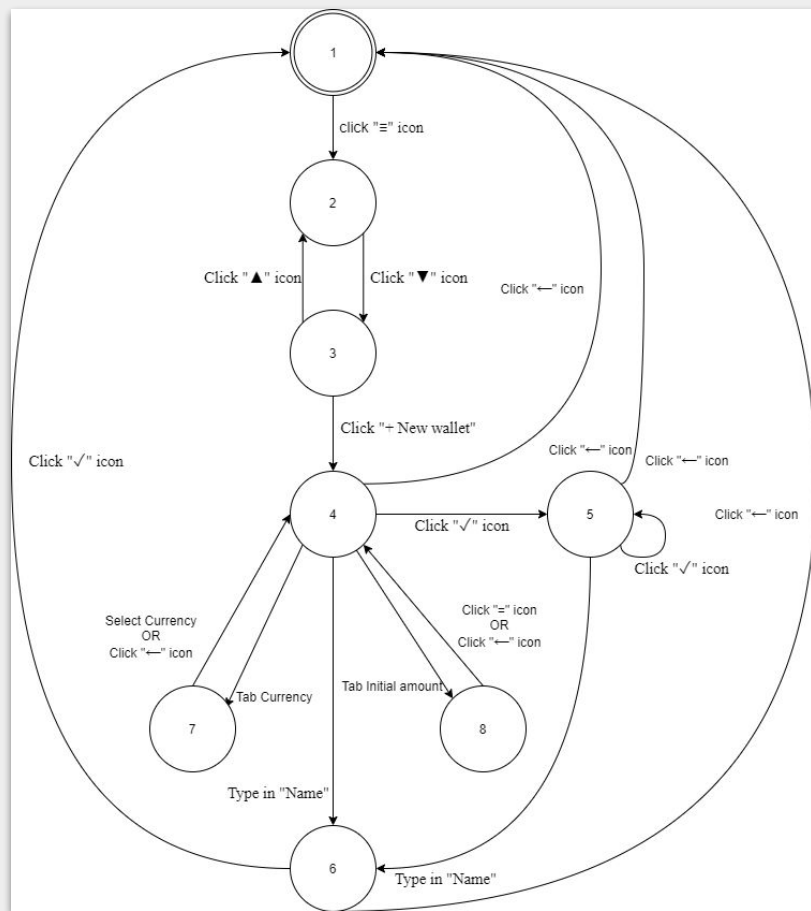
Test Graph Example



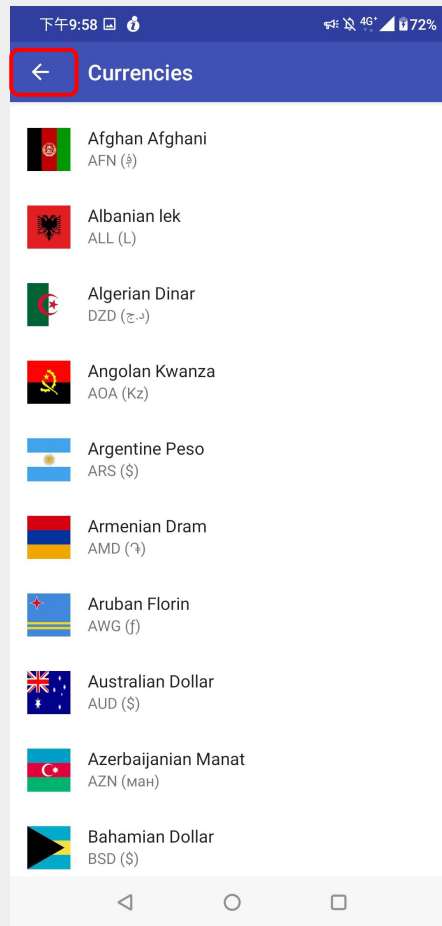
Test Graph Example



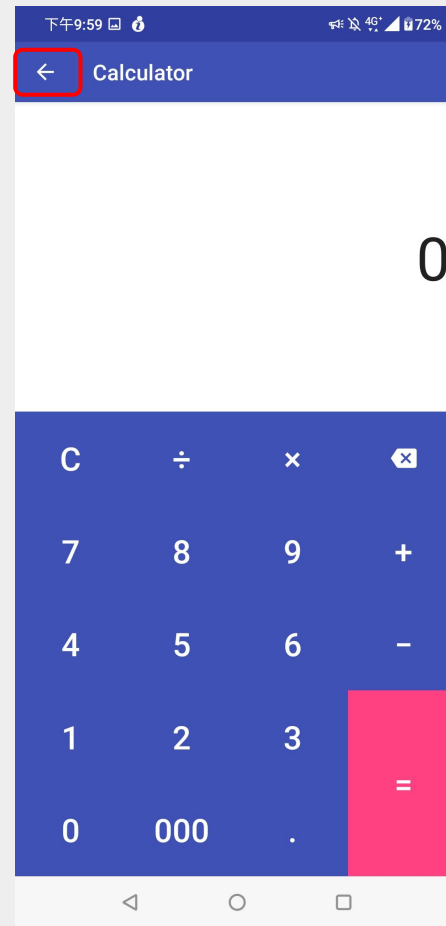
Test Graph Example



7



8



Schedule



Date	Description
2020/03/26	STP
2020/04/15	TCS, TDS
2020/04/22	Midterm presentation
2020/04/29	Set up environment
2020/05/06	Implement test cases
2020/05/13	Implement test cases
2020/05/20	Implement test cases
2020/05/27	Implement test cases
2020/06/10	Prepare presentation

Test Tool



Robot Framework



Appium

Role And Responsibility

Job	Team Members
文件撰寫	官茂原、張彥翔、葉柏志、方聖華、簡子祺
測試案例設計	官茂原、張彥翔、葉柏志、方聖華、簡子祺
測試腳本撰寫	官茂原、張彥翔、葉柏志、方聖華、簡子祺



THANK
YOU