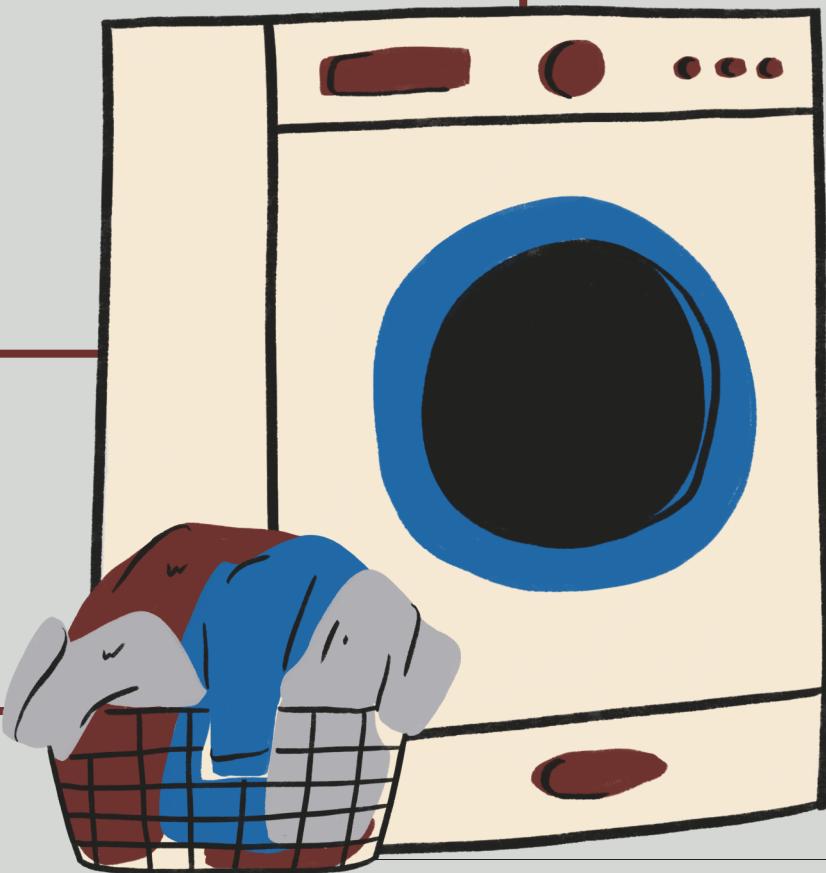


INTERNET OF THINGS

Presented by Tactic Tech

SECP1513-03 : DESIGN THINKING



Problem Statement

• • • Page 02

The existing washing machines and laundry services face few common problems such as

- Hard to find someone to exchange for chump change in order to buy a token
- Face the problem that the token is paid but not counted or counted incorrectly



- No proper queuing and the machine is hogging after washing or drying the clothes respectively
- Malfunction of laundry machine
- The maintenance and technical issues of laundry machines are not resolved quickly after reporting



Analysis

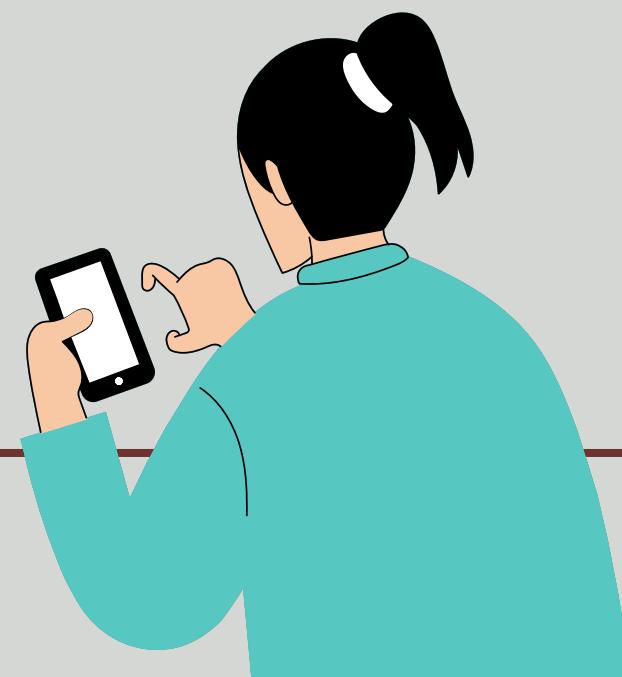
◦ What ?

Create an application specialized for all laundry services in UTM



◦ Why ?

To proposed a better laundry service to students and give so much benefits



◦ Who ?

Student in UTM that are mostly stay inside the campus

◦ Where ?

In UTM campus including in college and 'arked'

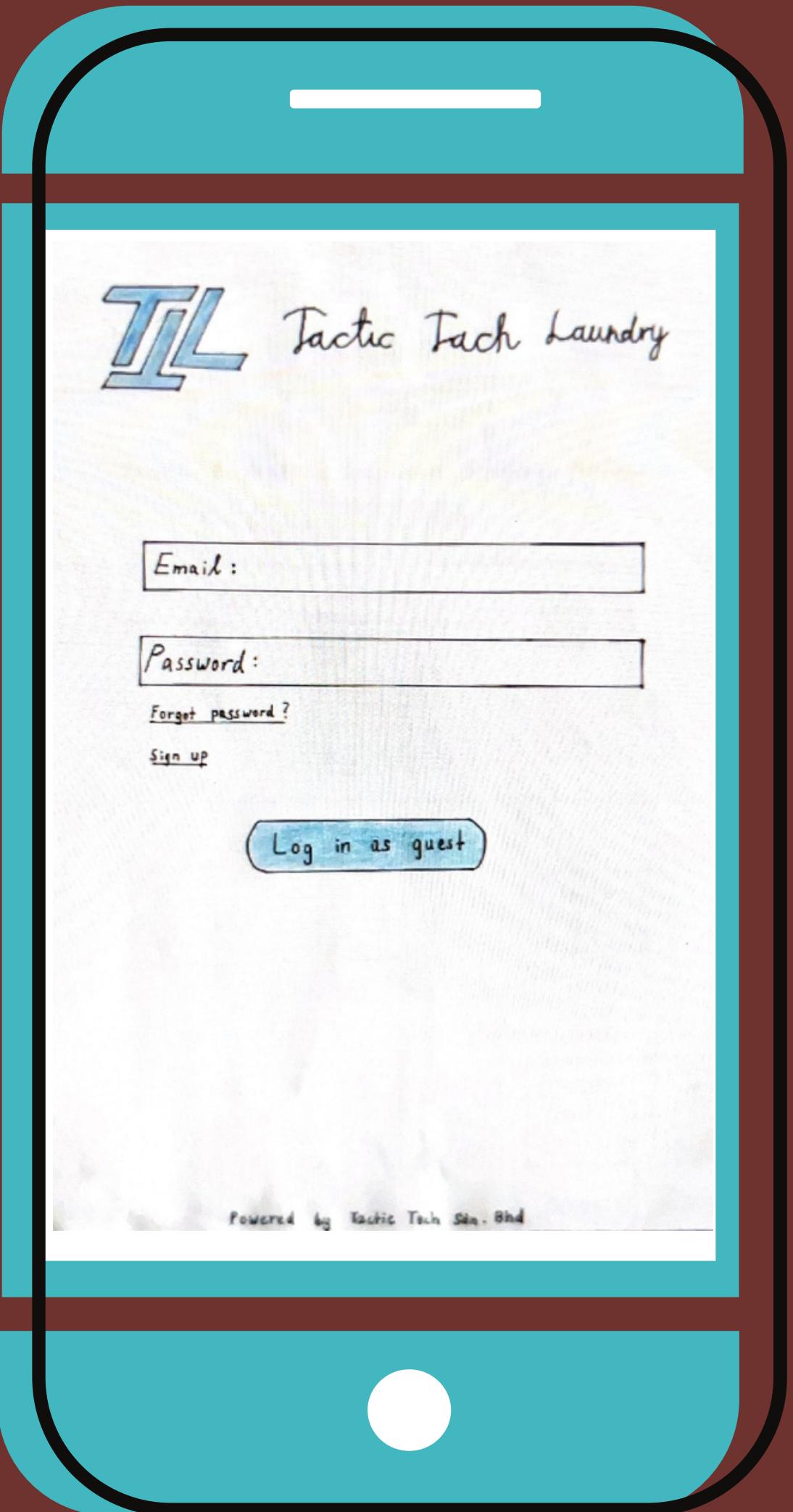
◦ How ?

Apply Internet of Things elements to the machines and through the phone



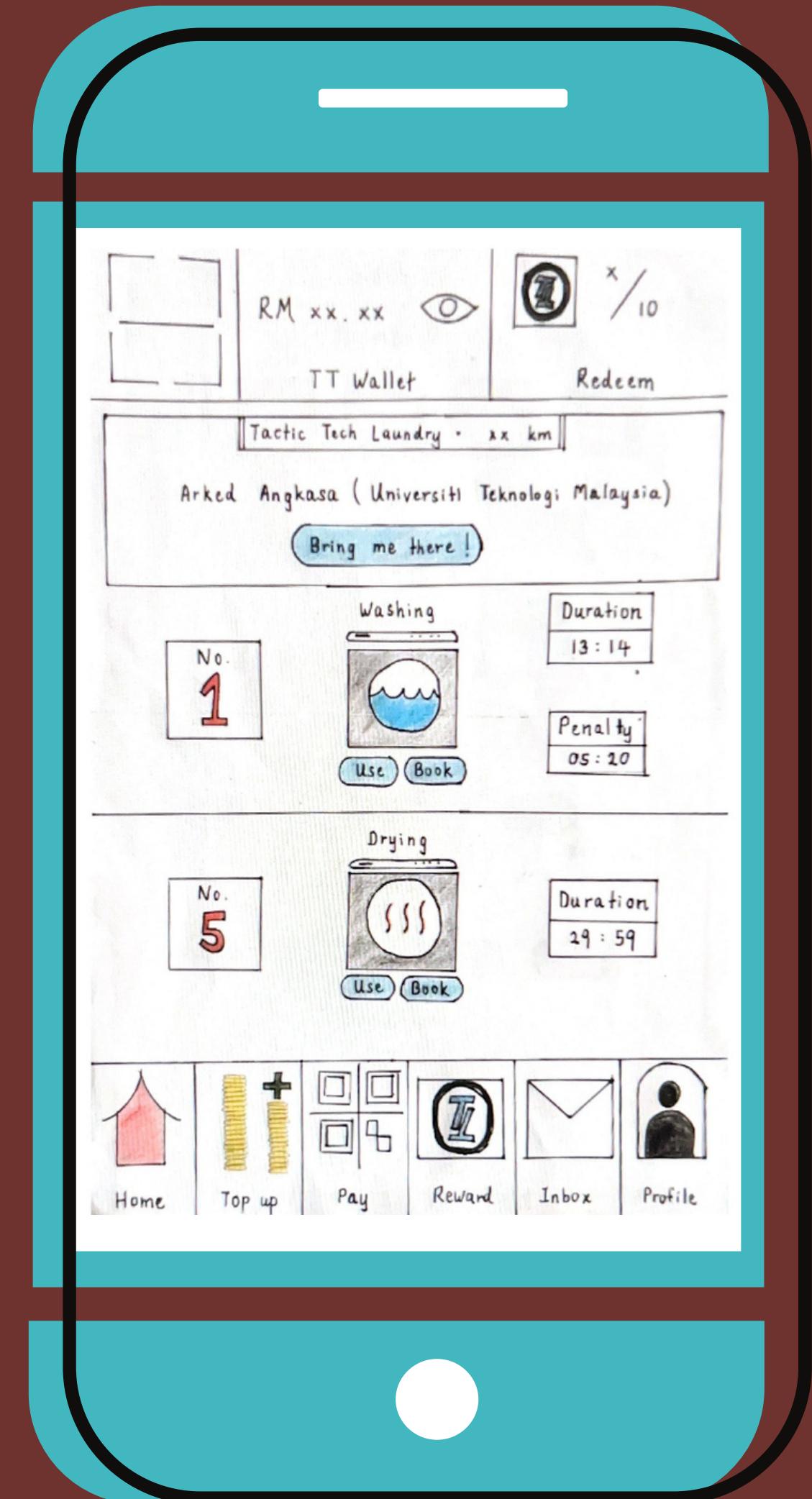
Prototype

User interface for **sign up / sign in** the app before enter the home screen



Prototype

User interface of the home screen



Prototype

User interface of the **washing**, **drying** and **booking** part connected with the selected machine

Book

Number

Please choose your booking time

HH :	MM
14	: 00

Your Queue Number

007

Estimated time

25	: 40
----	------

It's your turn now!

Washing

Number

Water Level

S	M	L	XL
---	---	---	----

Process

Wash Rinse Spin

Program

Fuzzy Economy Jeans Wool

Duration

30 mins

START

Drying

Number

Temperature

Low	Medium	High
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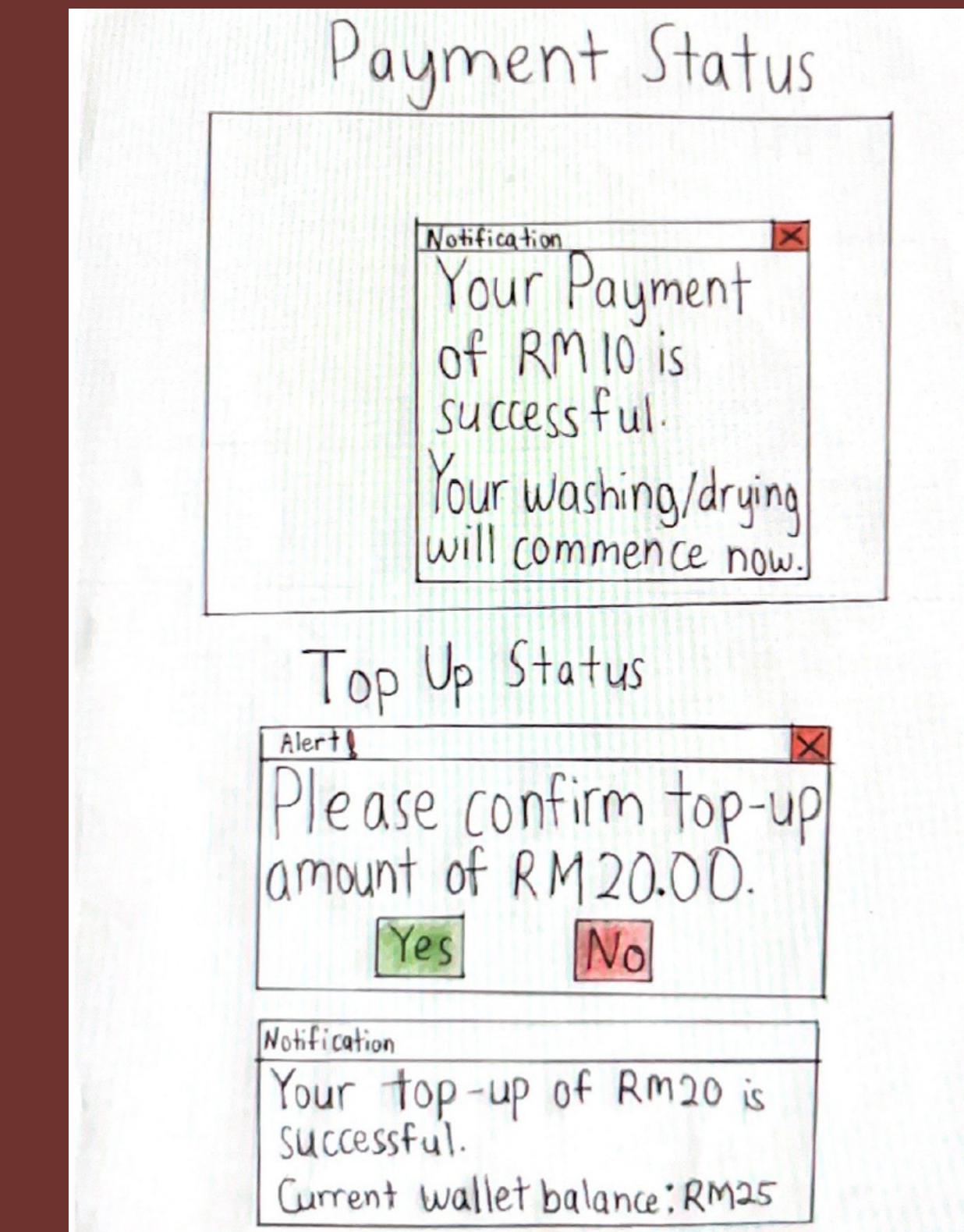
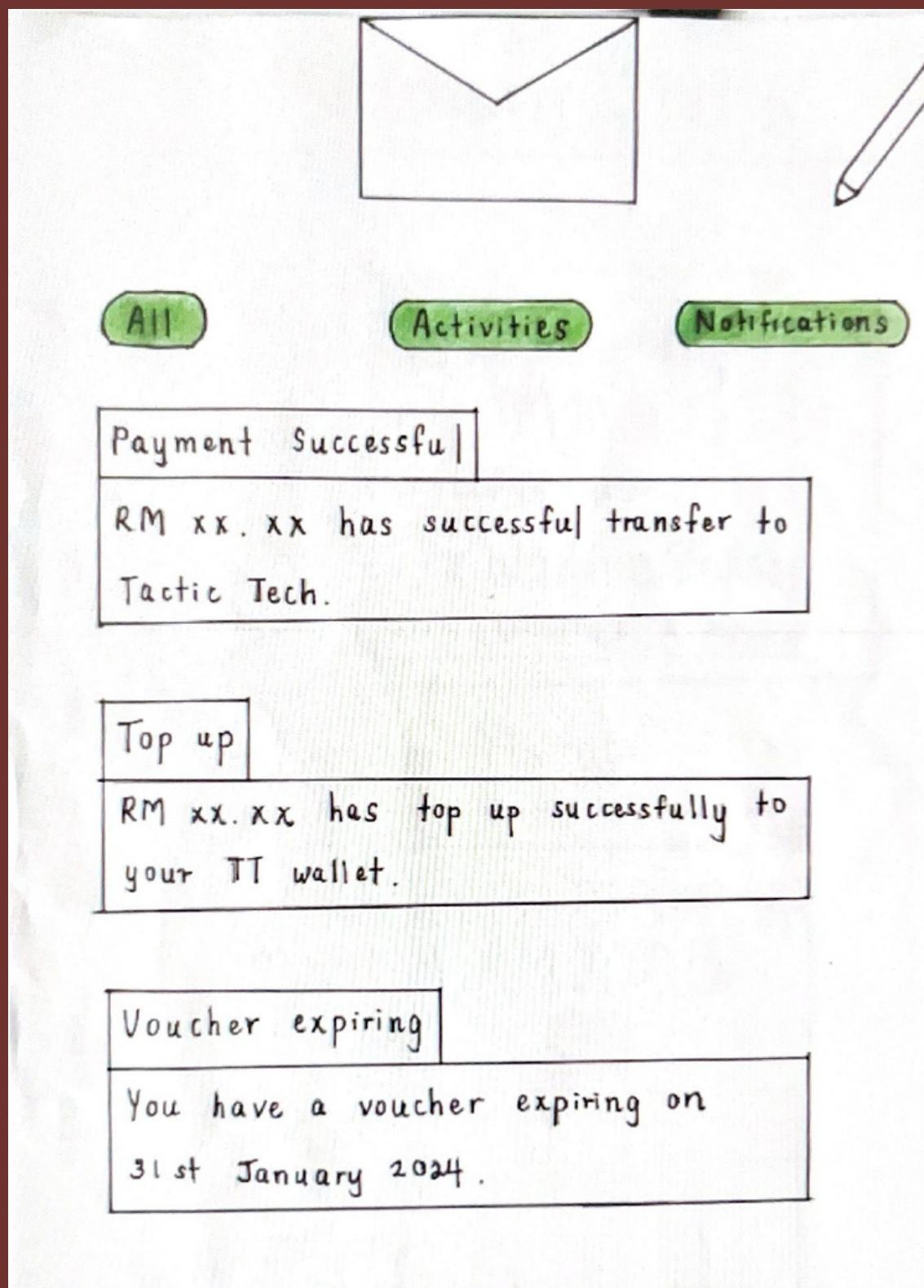
Duration

30 mins

START

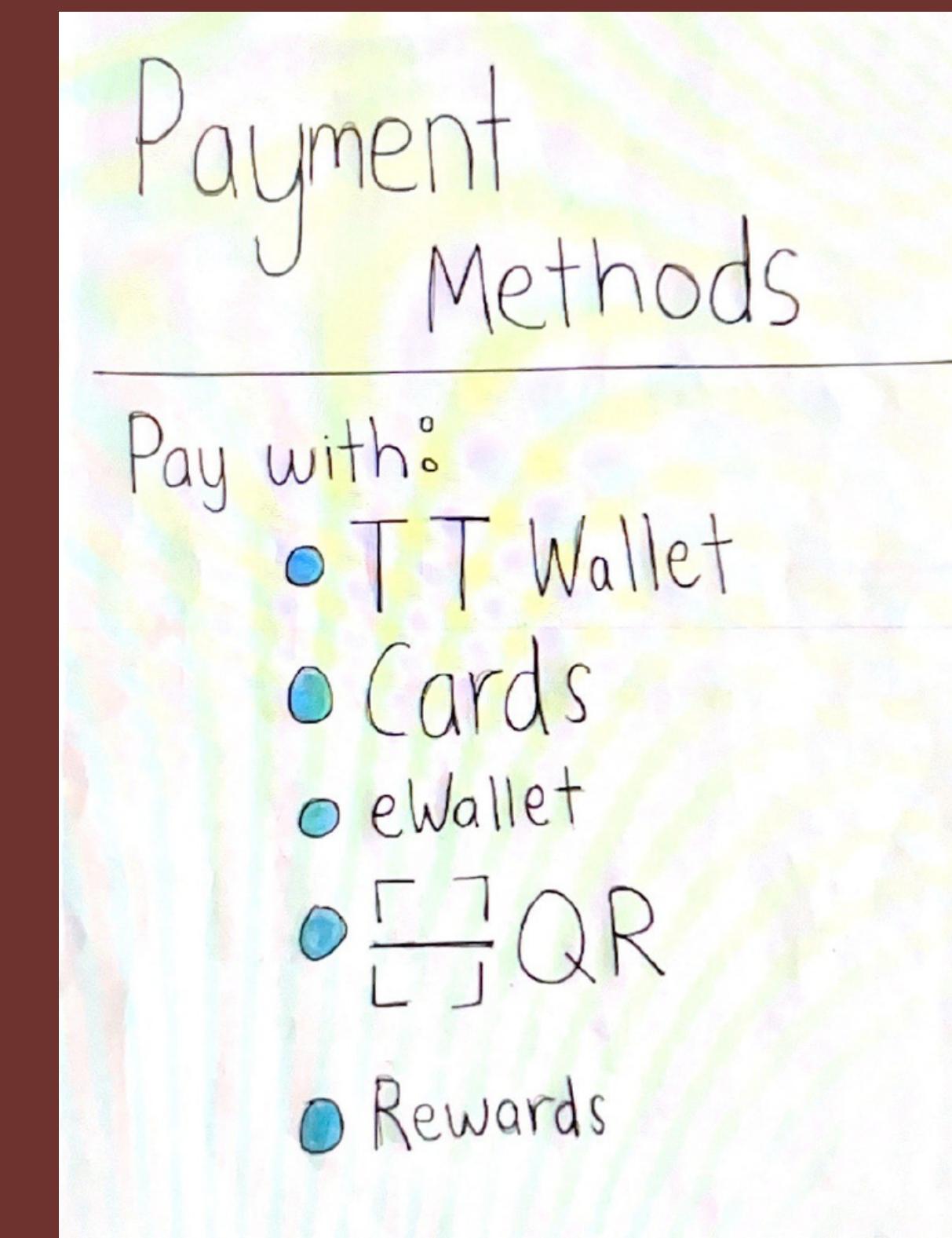
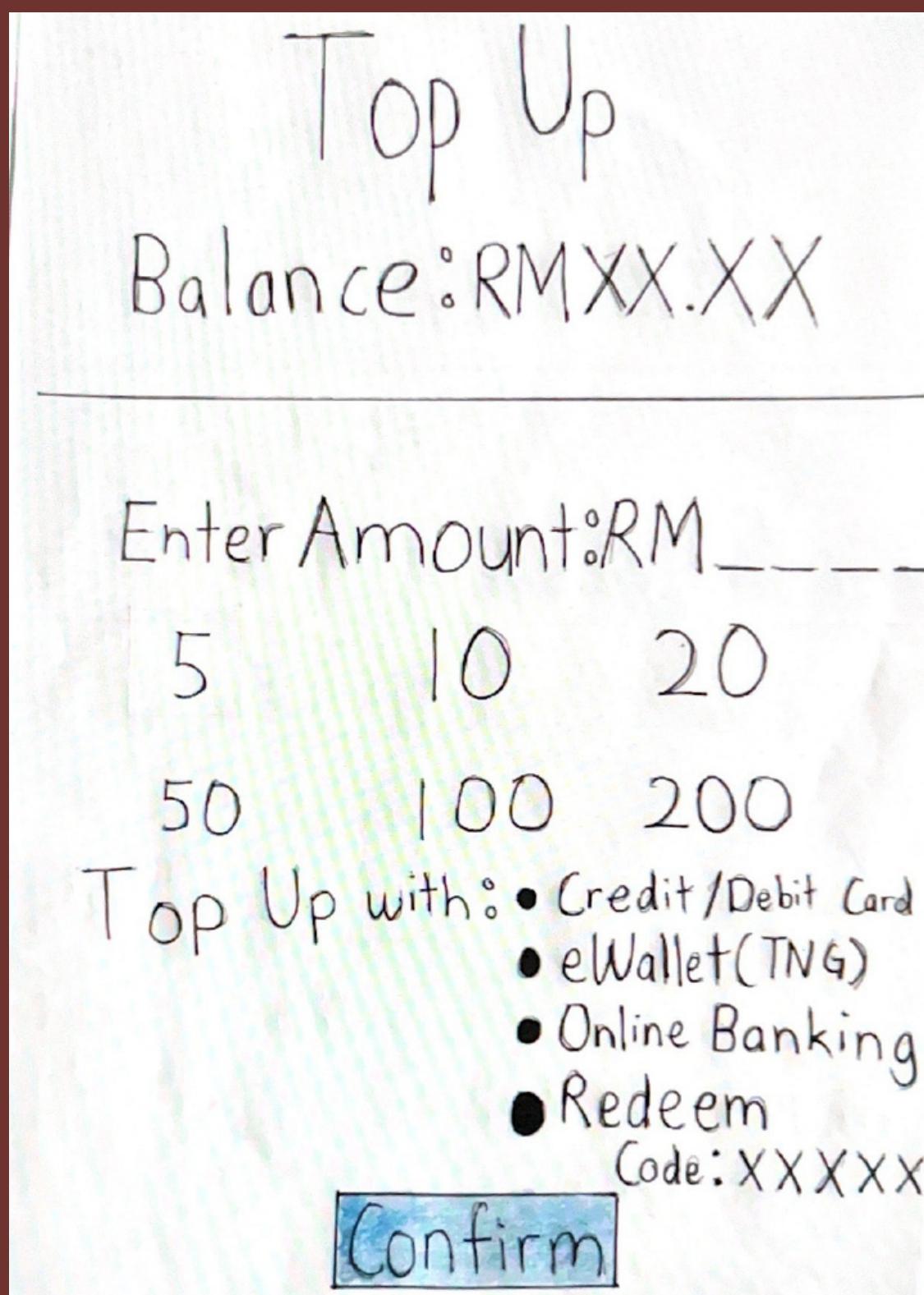
Prototype

User interface of **notifications** when payment of service successful and **activities**



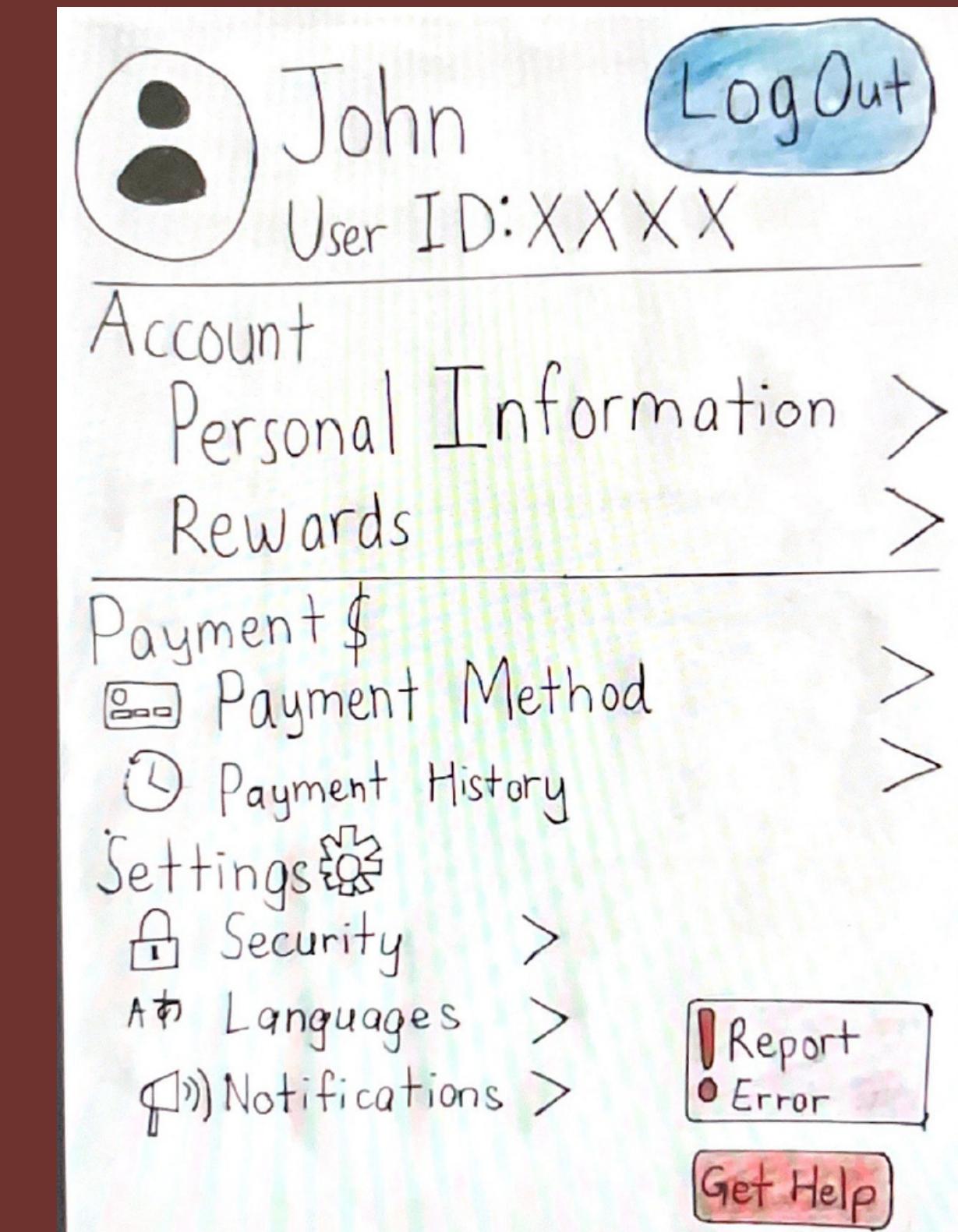
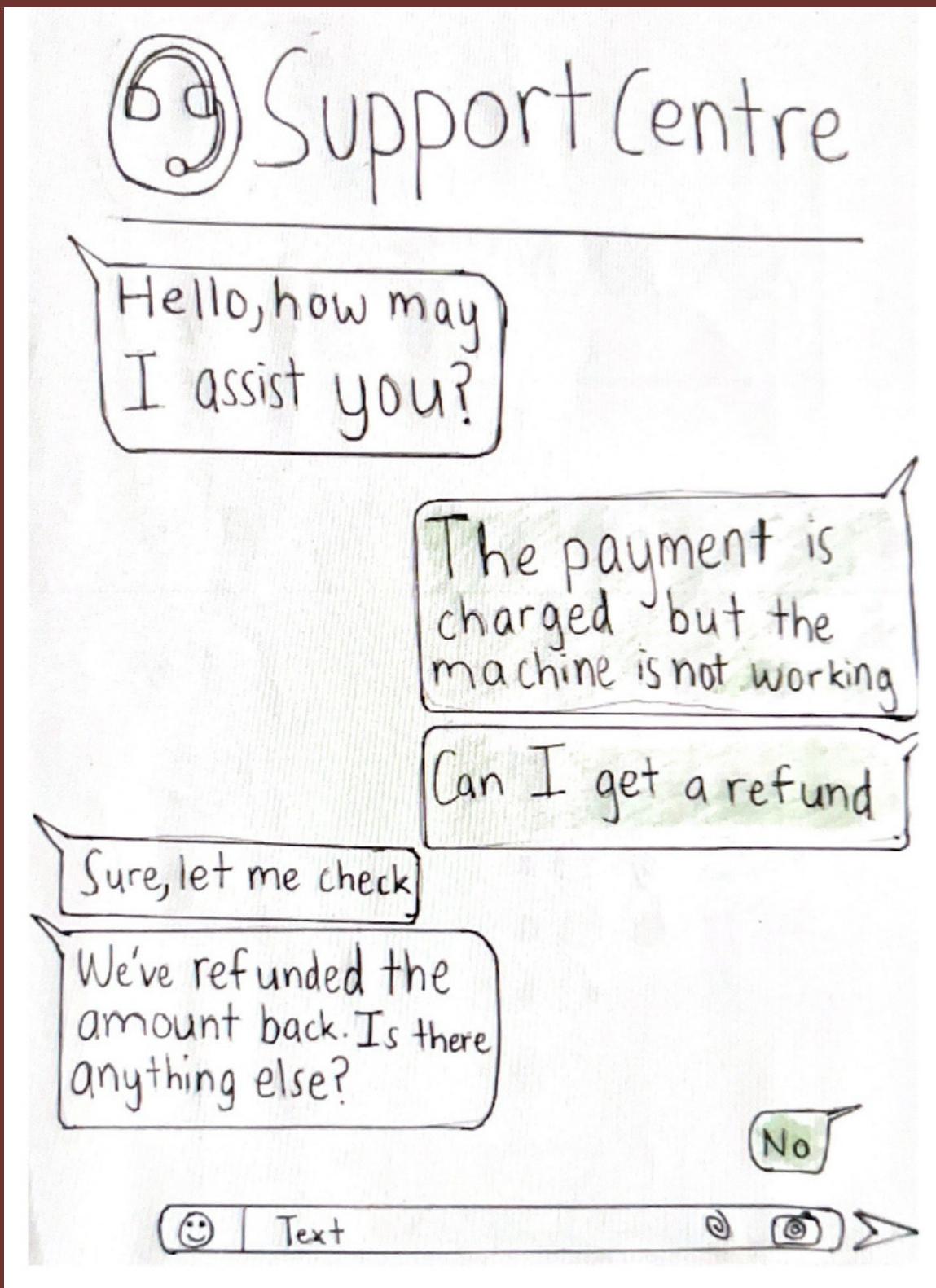
Prototype

User interface of process to **top-up** from the app
and the **payment methods**



Prototype

User interface of the **support centre** and the user's **profile**



THANK YOU ! ANY QUESTIONS ?

SECP1513-03 : DESIGN THINKING

Laundry App (IoT)

TacTic Tech