

NO-THEFT SECURITY SYSTEM

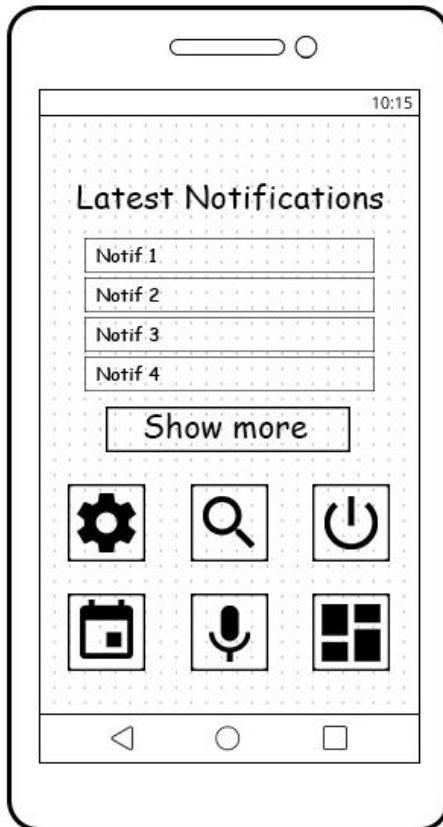
for UX506x

Description

This product wants to offer a high-end variety of solutions in order to dissuade and slower (and possibly suddenly react to) the burglars during their actions. The whole system works with a set of plants (including, but not limited to: speakers, microphones, cameras, electromechanical actuators, spotlights) installed inside the house/office/shop, optionally, in conjunction with an app for smartphones. A specific combination of hardware mechanisms installed at home is run by programs which can be remotely activated by the app.

This document will show some wireframes (WF) for the mobile application with the corresponding tasks the paper system supported.

WF2 - Main menu

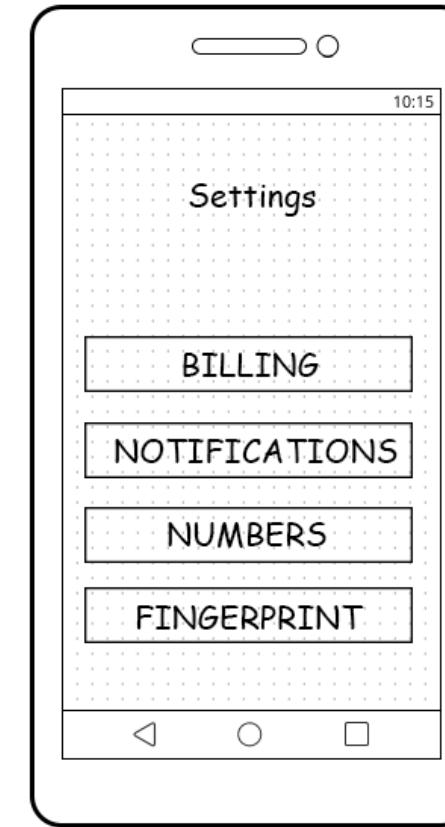


Main page where the user can have a brief of the latest notifications the system provided; with a button to show more notifications.

Underneath there is a menu with six icons (buttons):

- Settings
 - notifications
 - fingerprint
 - billing info
 - phone numbers
- Inspect
 - all the cameras inside the building
- Activate
 - manual selection of the function of the system
- Macro
 - planning automatic functions on timed or position basis
- Voice command
 - speech recognition
- Fixture check (shown by scrolling more)
 - show if there are windows or doors left open

WF11 - Settings



Settings menu with the possibility to change the billing, the notification options, the numbers to automatically call in case of necessity, and the setting of the finger-print.

WF5 - Macro

The interface shows a calendar for January 2017. The day 19 is highlighted. Below the calendar, there is a list of five macros: Macro 1 ..., Macro 2 ..., Macro 3 ..., Macro 4 ..., Macro 5 ... Each macro has a corresponding button below it. A plus sign (+) button is located at the bottom right of the macro list.

The macro unit aids the owner by defining which function will be automatically performed by the System, such as checking the state of the doors when the owner moves away; activating the light plant on a certain interval or in certain days.

The basic page is made up of a calendar used to select the day, a button to quickly add a macro, and in the bottom part what the System has planned to do that particular day.

WF8 - Settings: billing

The interface shows a settings page for billing. It includes fields for Billing address (empire street, 13, London), Payment method (Credit card selected, Paypal), and e-mail address (address@email.com). A checkmark icon is present at the bottom center.

This page collects all the billing information. The user can edit these info using the form; in this example the user chose Paypal as payment method, so below appeared the textbox to input the email address.

- WF7 - Settings: numbers



A list of phone numbers the user can input as the default selection in certain circumstances.

The user can let the System speak for him/her automatically or it is possible to record a personal vocal message.

For example, if the System detects a burglar in the house, it will call the police automatically or the phone of a trusted neighbour with a prerecorded message, asking him to verify the situation.

User can browse the scenario by sliding the panels horizontally.

Test 1

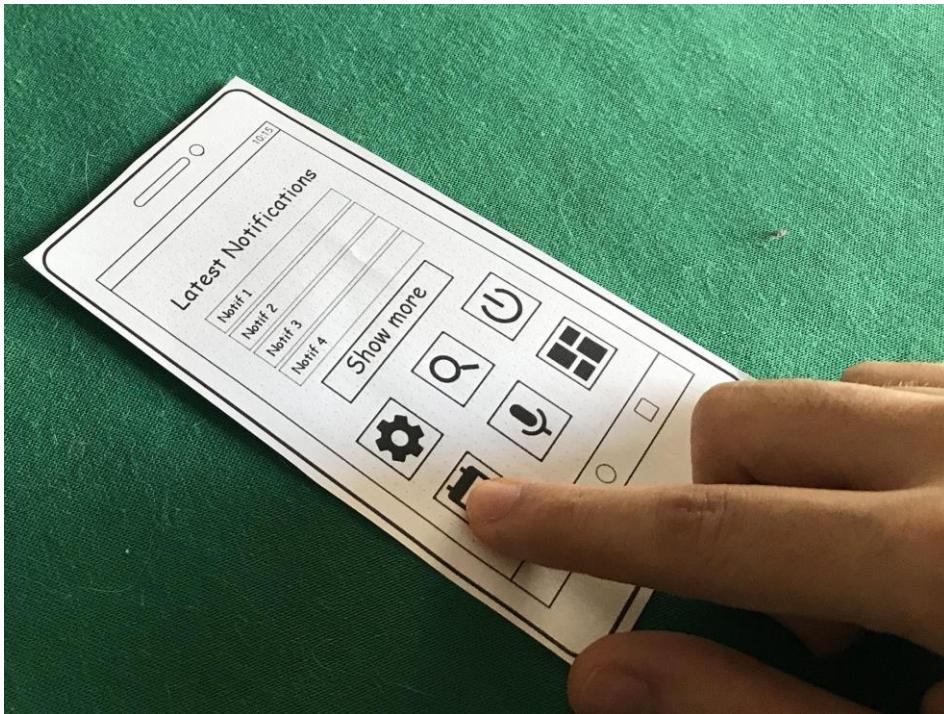
Goal: Activate the macro for turning the lights of the house on every Saturday evening.

Actions in photos:

- Clicking on the 'calendar' (macro) button.
- Clicking on 'add' button.
- Giving a name to the macro.
- Choosing from a drop-down menu the type of occurrence.
- Choosing the right function.

Test 1

Accessing from the main menu



Macro section shows up



Test 1

Selection of the day

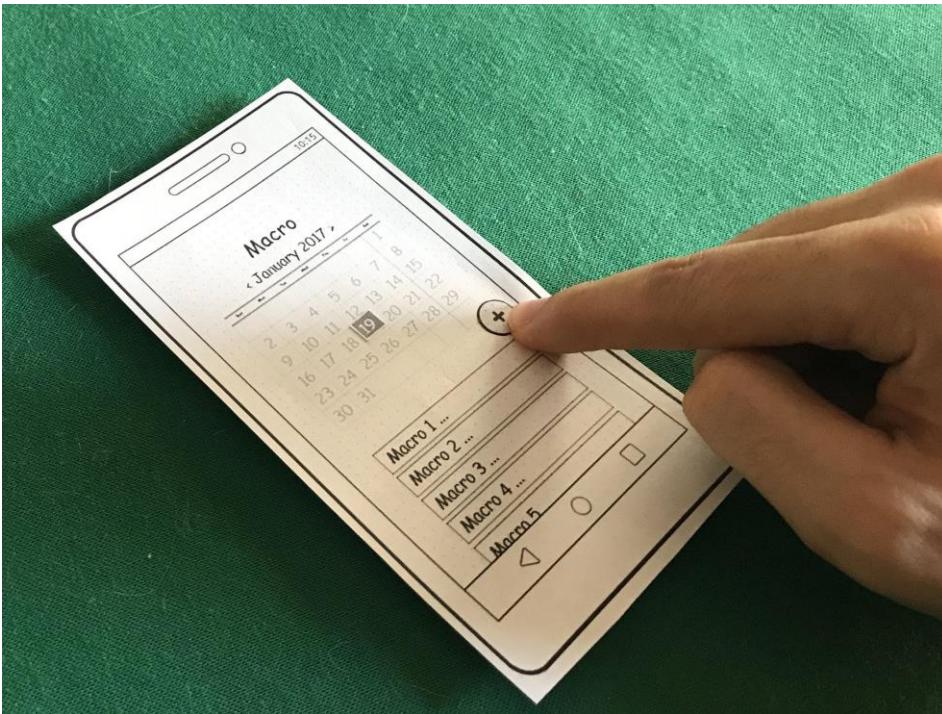


The chosen day changes its color



Test 1

The button 'Add' is darker when clicked

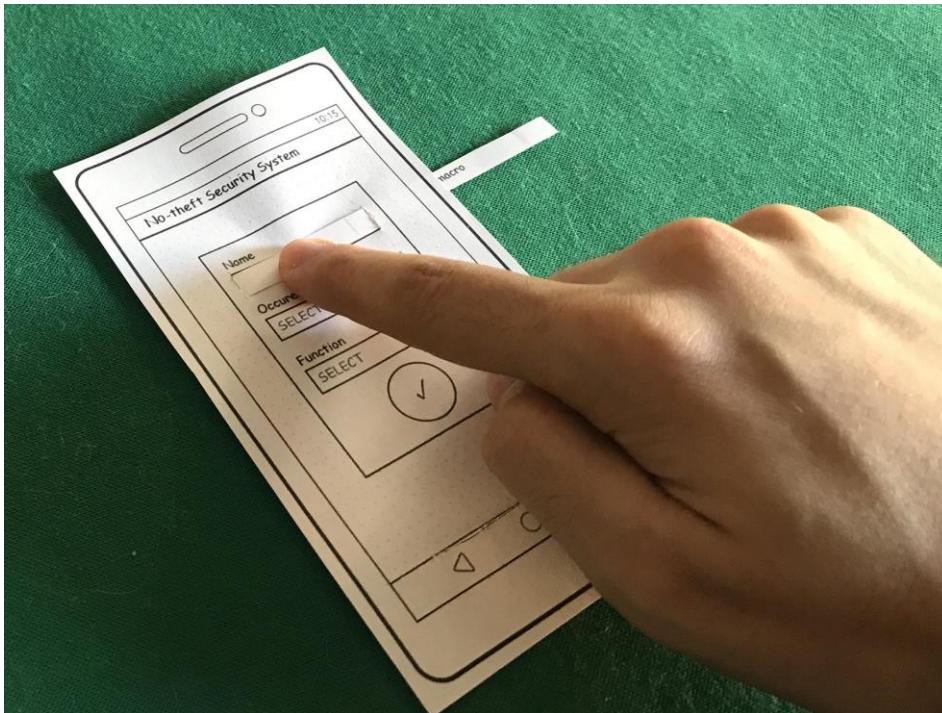


Macro setting panel

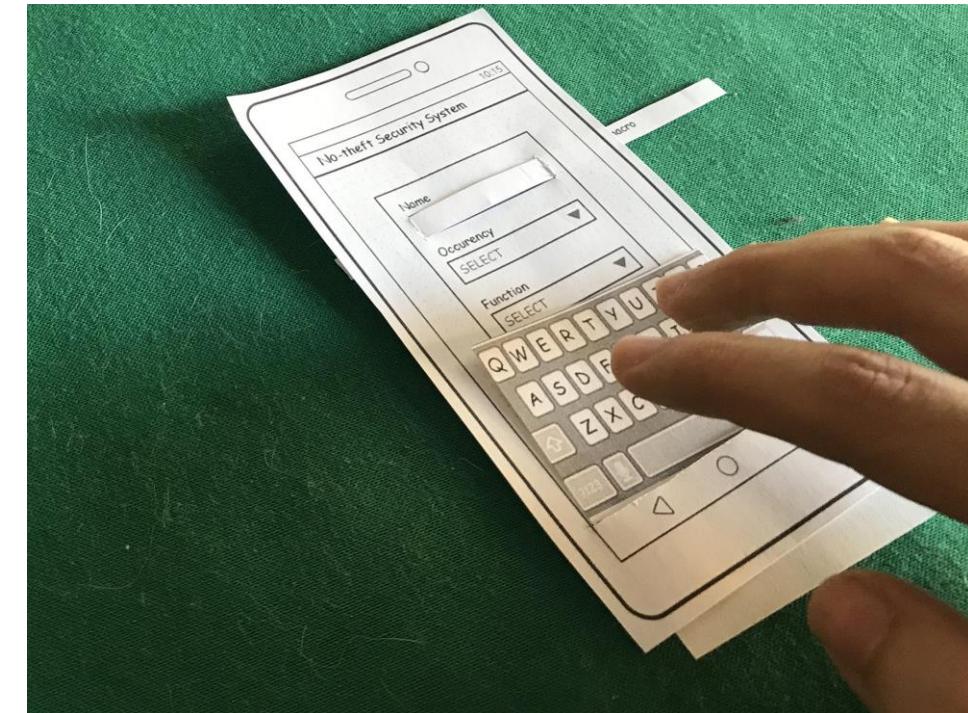


Test 1

Setting the name of the macro

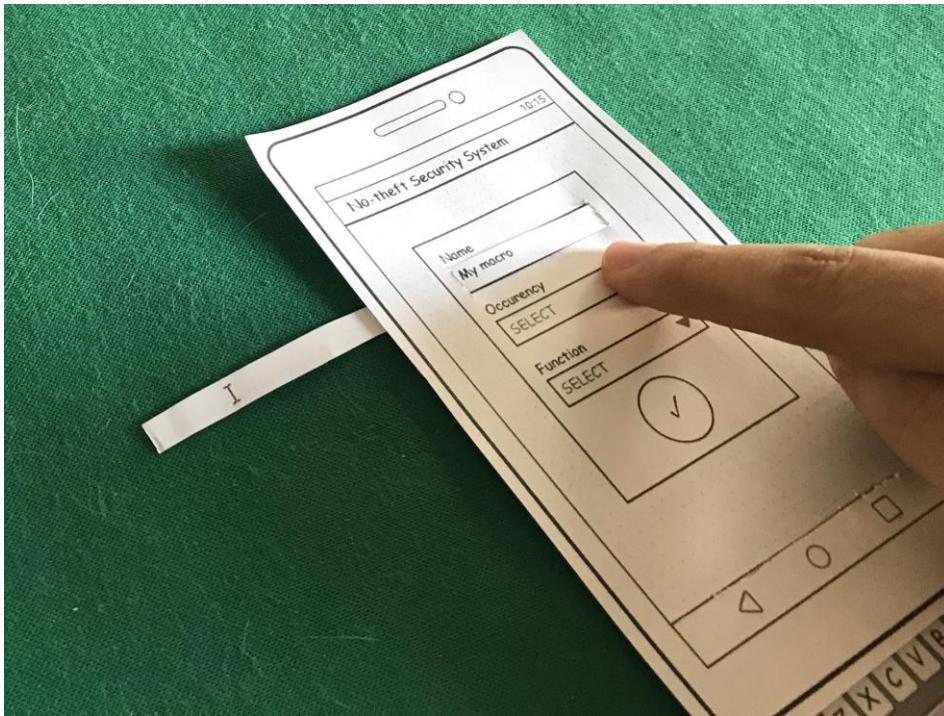


The keyboard shows up from the bottom



Test 1

Choosing the occurence

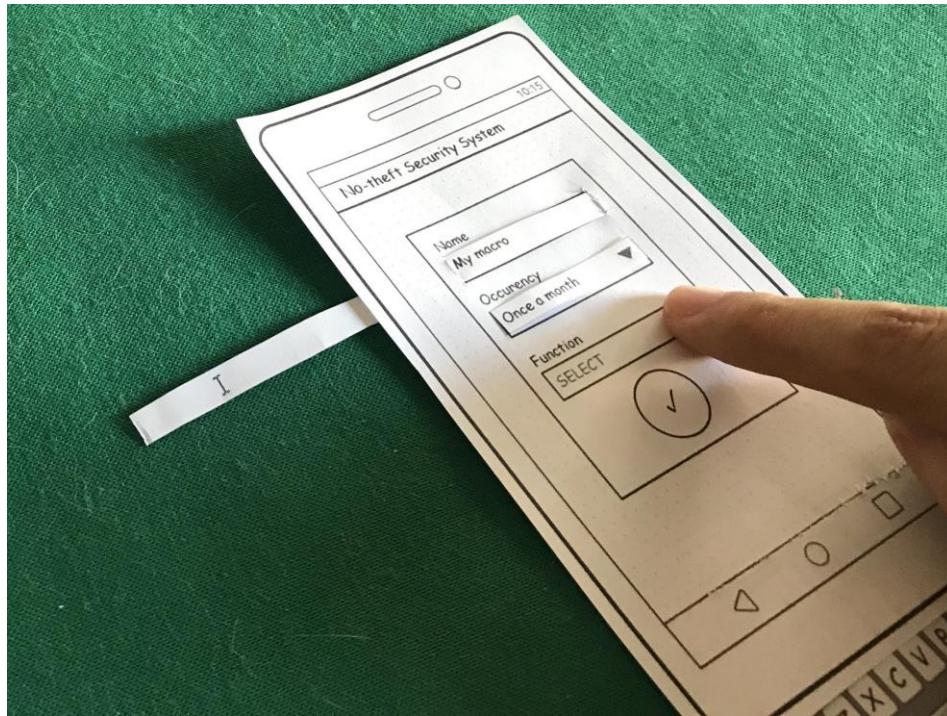


Drop-down occurence menu

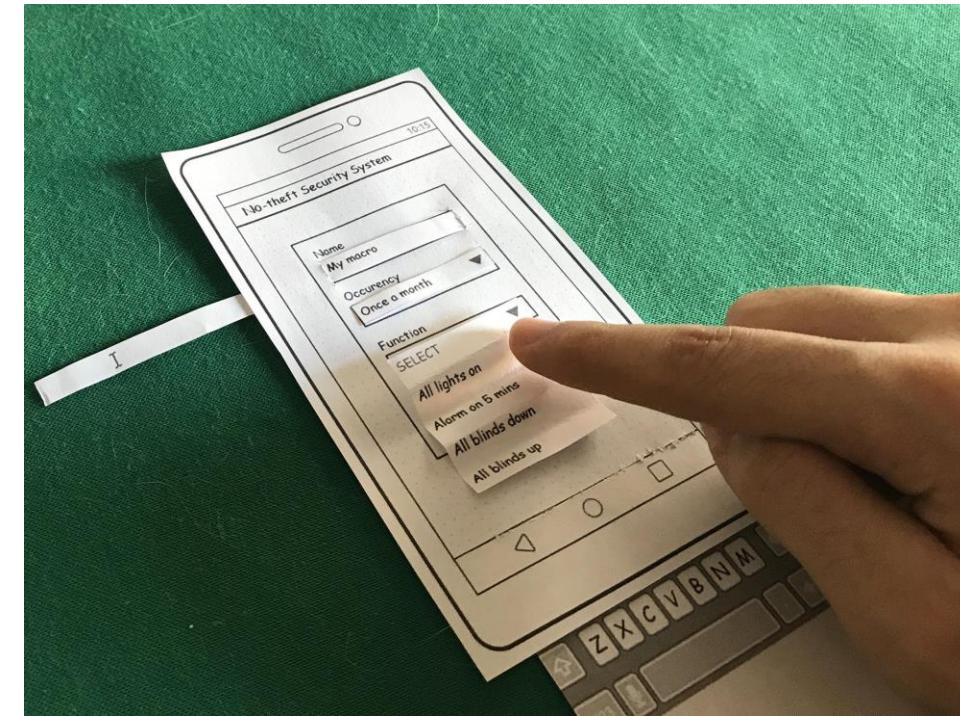


Test 1

Choosing the function

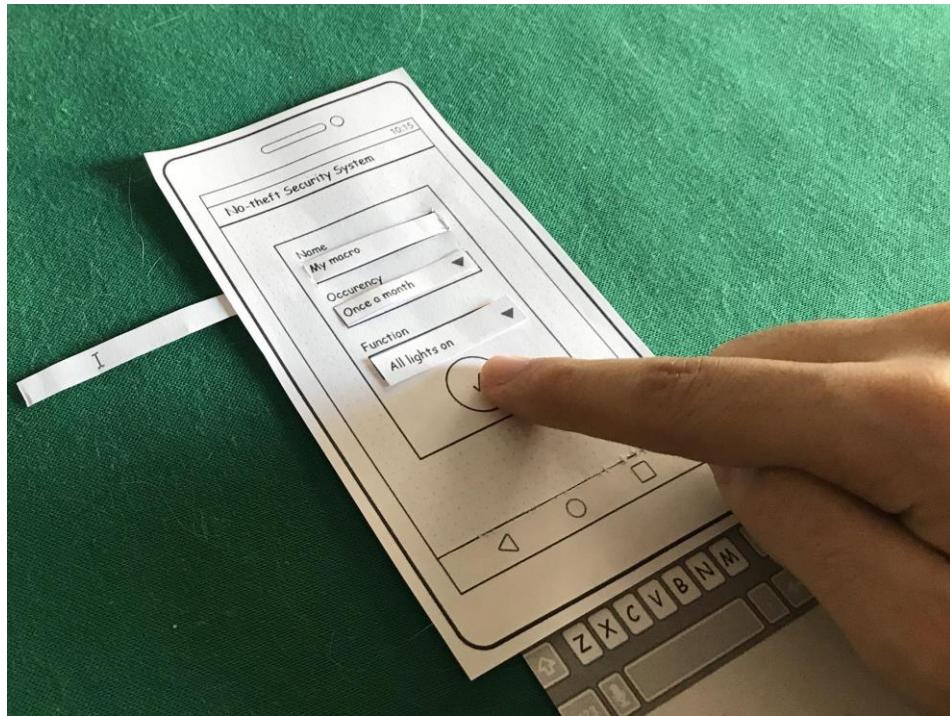


Drop-down function menu



Test 1

Confirmation of the macro



Test 2

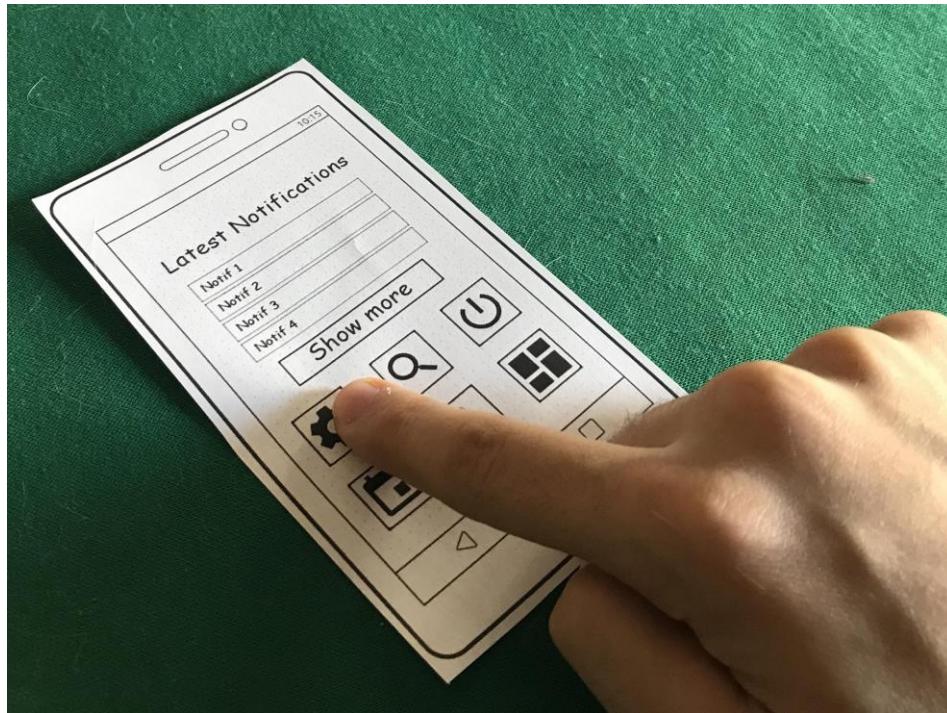
Goal: Properly set the private emergency number for the automatic calling and set the autoreply SMS in case the system senses an intrusion.

Actions in photos:

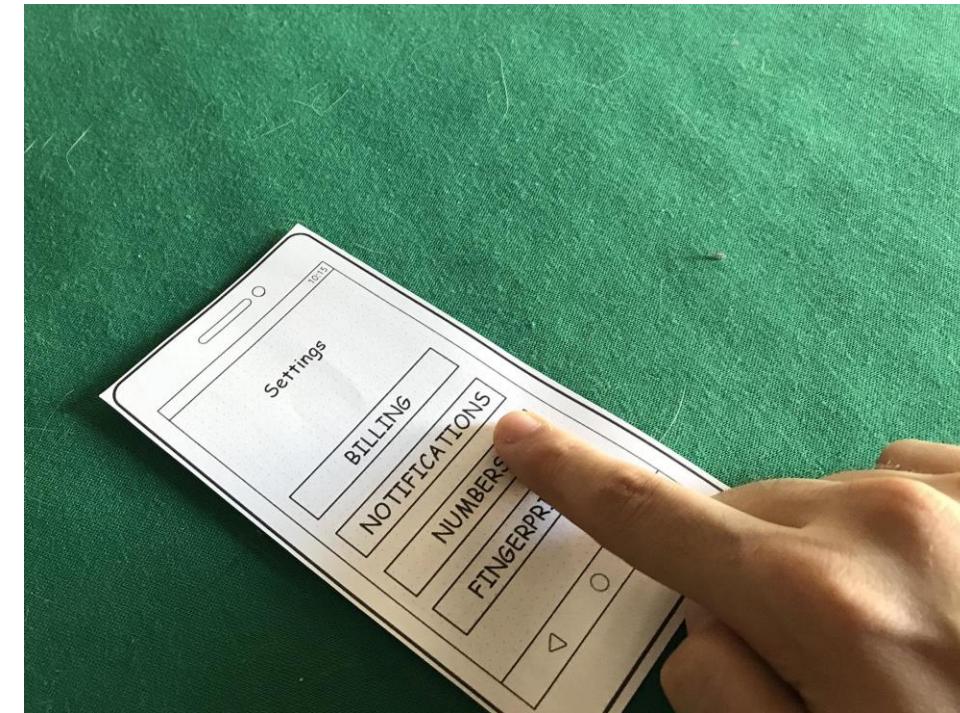
- Clicking on the 'settings' button.
- Clicking on 'numbers' button.
- Typing the number for the phone call.
- Typing the number and the message for the SMS alert.
- Recording a voice message.
- Resetting to default.

Test 2

Accessing from the main menu

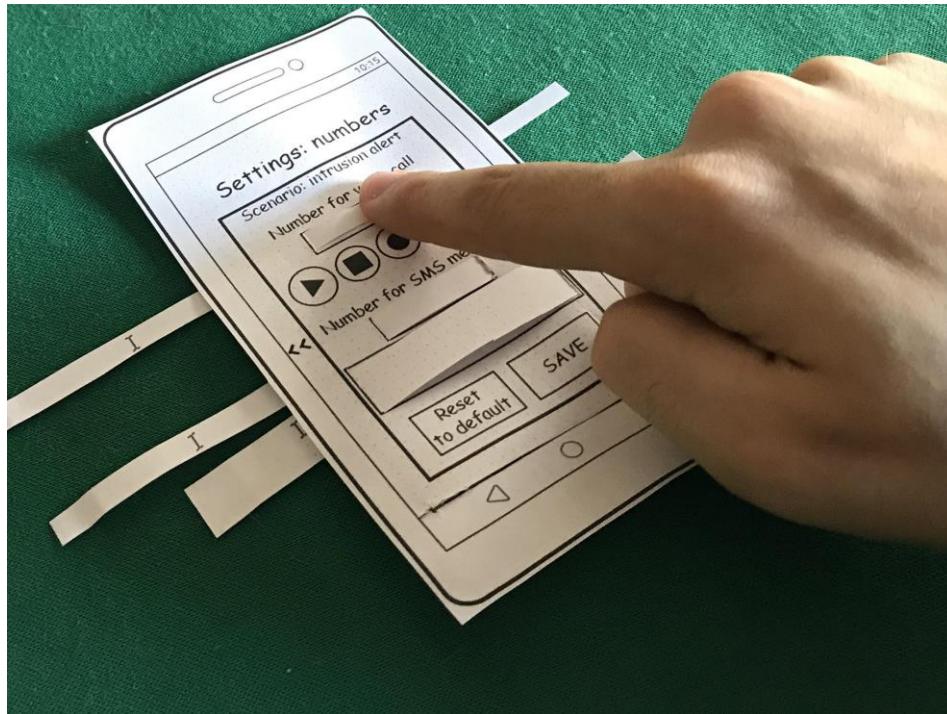


Clicking the 'NUMBERS' button

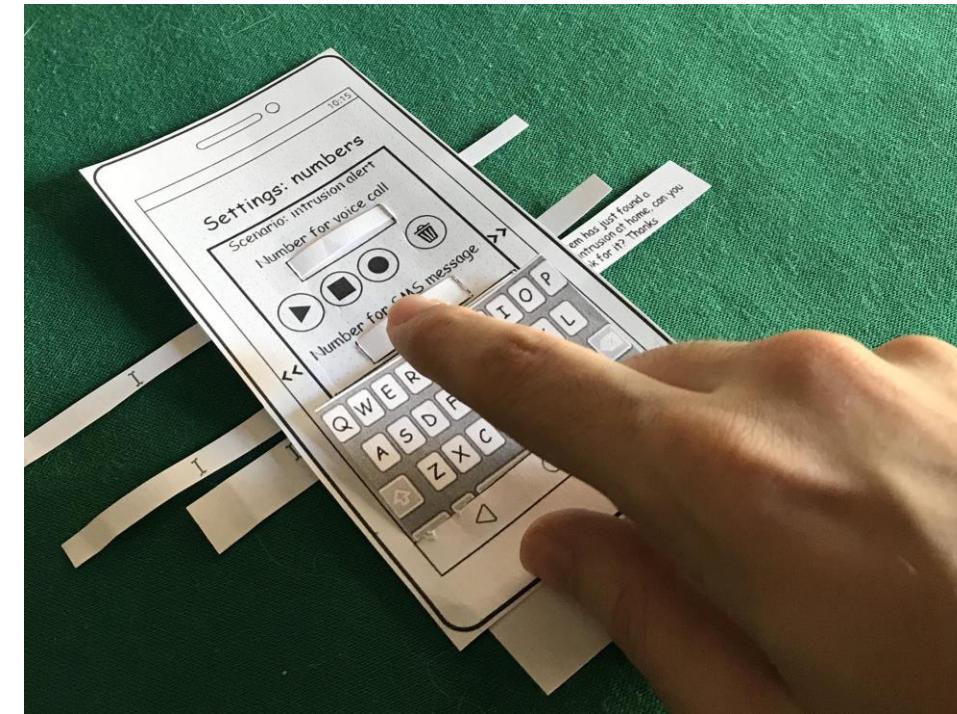


Test 2

Setting of the number for voice call

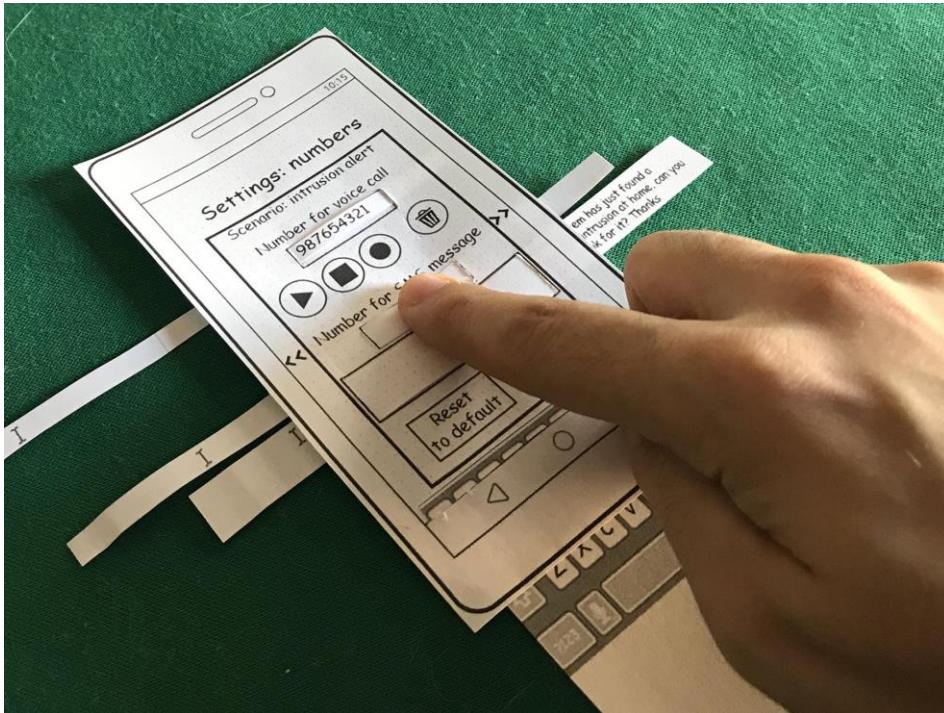


The keyboard shows up

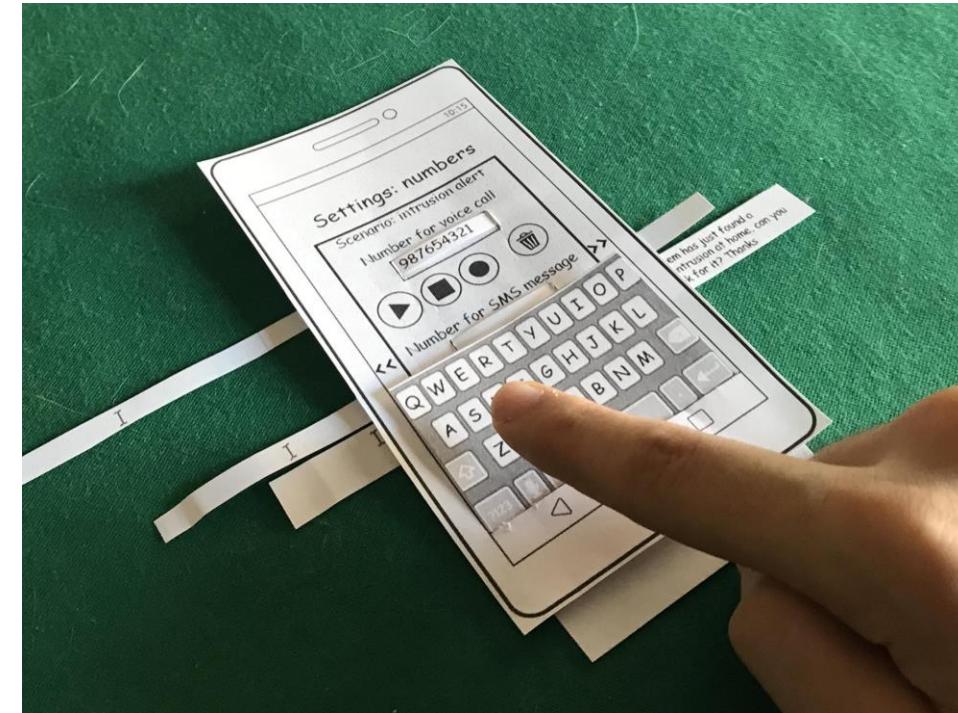


Test 2

Setting the number for the SMS

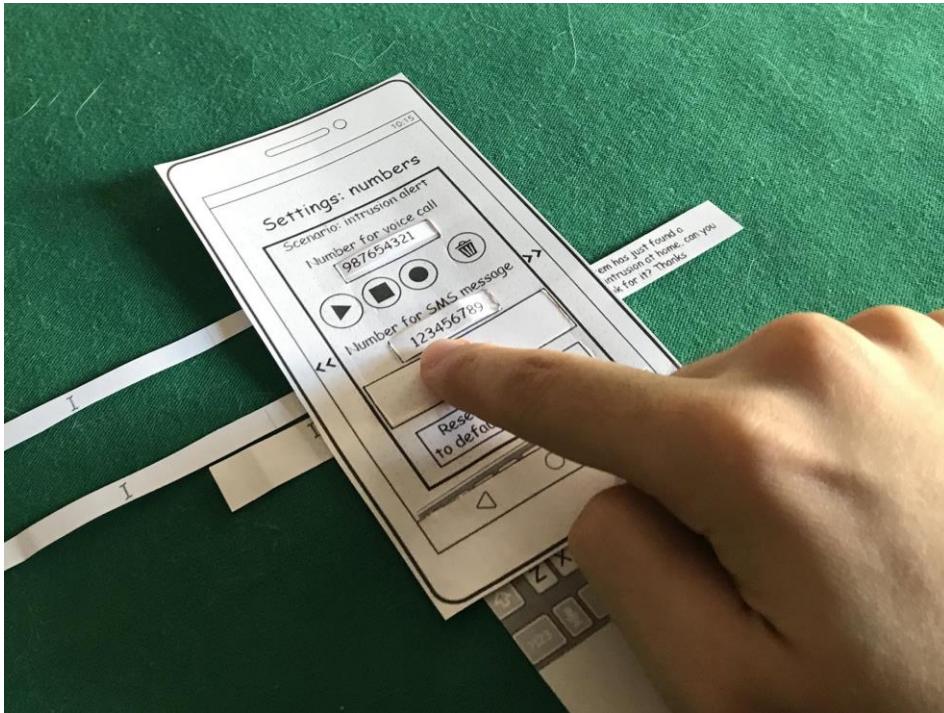


The keyboard shows up from the bottom

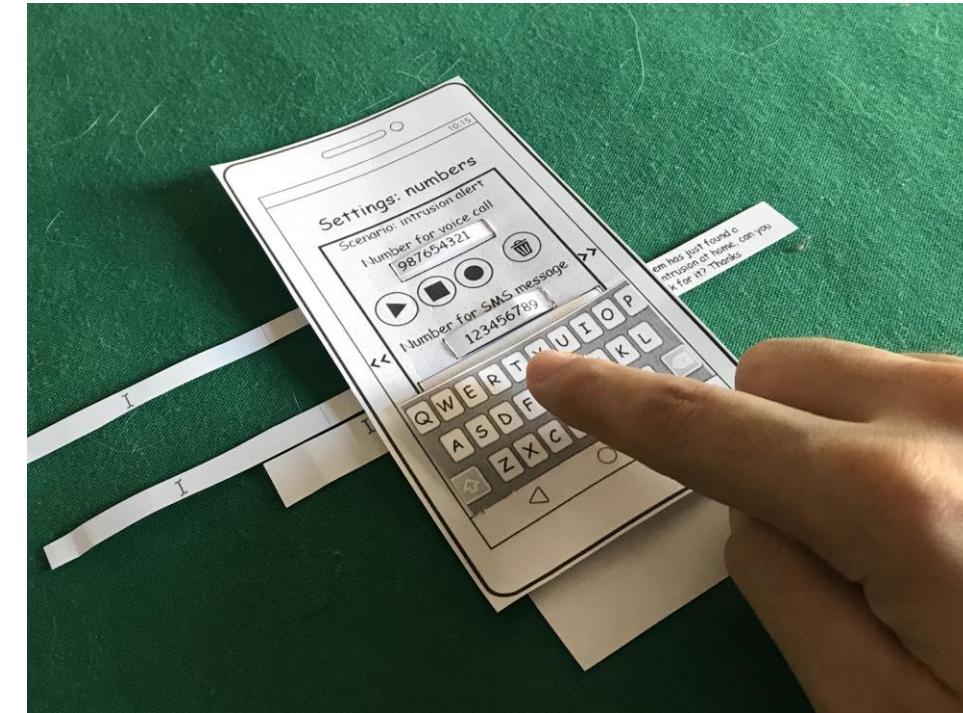


Test 2

Setting the text message



Using the keyboard to type the message

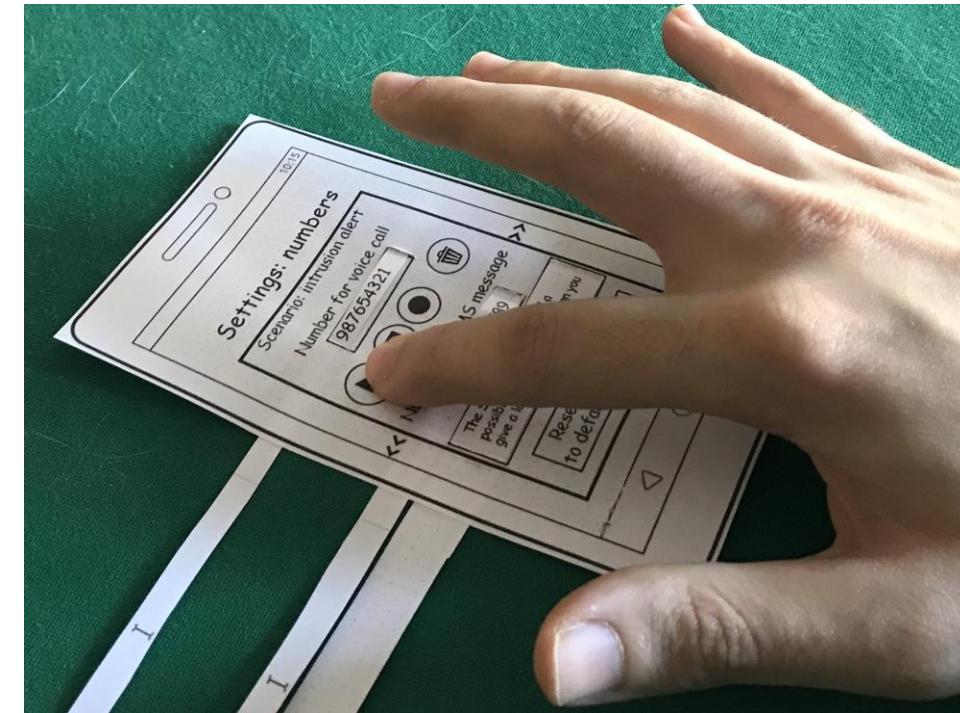


Test 2

Recording a voice message, the button becomes darker



Start listening the audio

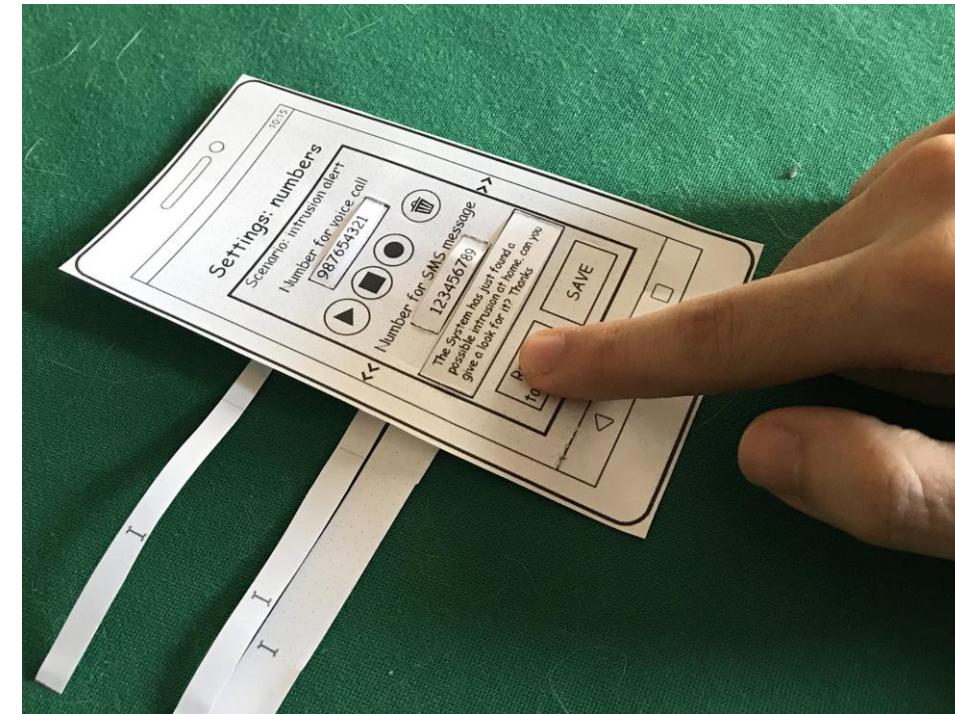


Test 2

During the listening, the play button becomes the pause button

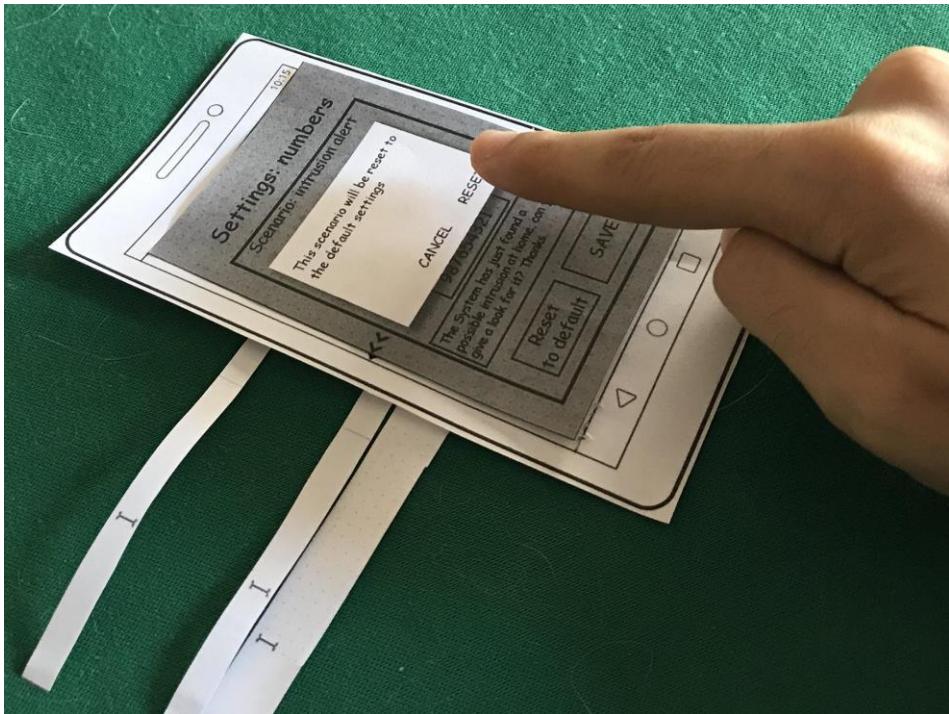


Resetting to default



Test 2

A dialog asks to confirm by clicking
'RESET'



Test 3

Goal: Setting Paypal as the payment method.

Actions in photos:

- Clicking on the 'settings' button.
- Clicking on 'billing' button.
- Typing a billing address.
- Deleting the current credit card.
- Switching to the Paypal option.
- Typing the email address associated with Paypal.
- Confirm the settings.

Test 3

Accessing from the main menu



Clicking the 'BILLING' button



Test 3

The 'billing' screen

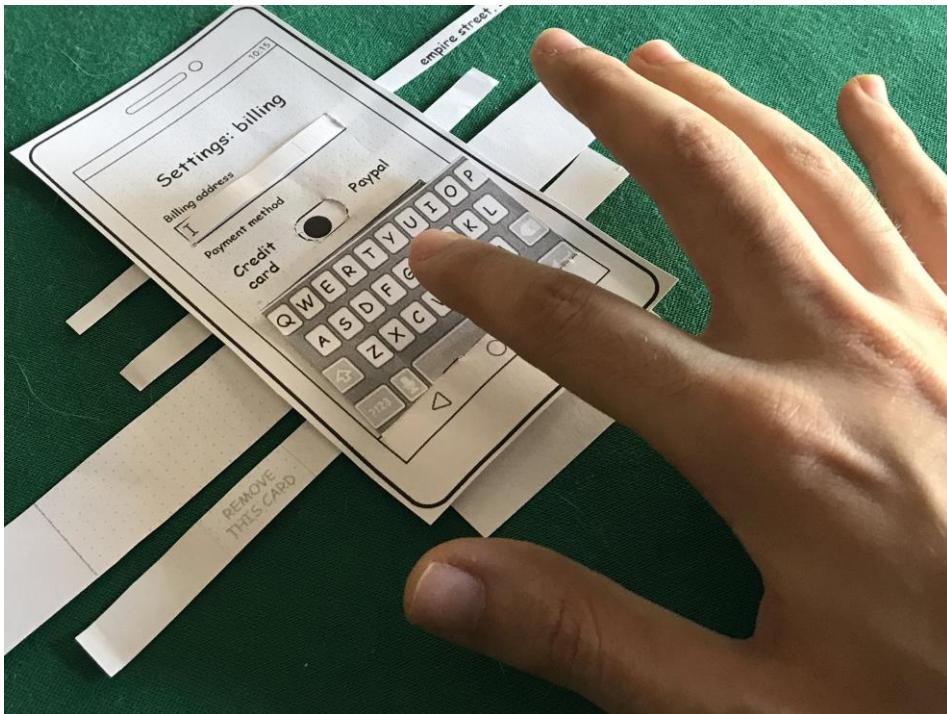


Choosing to put a billing address

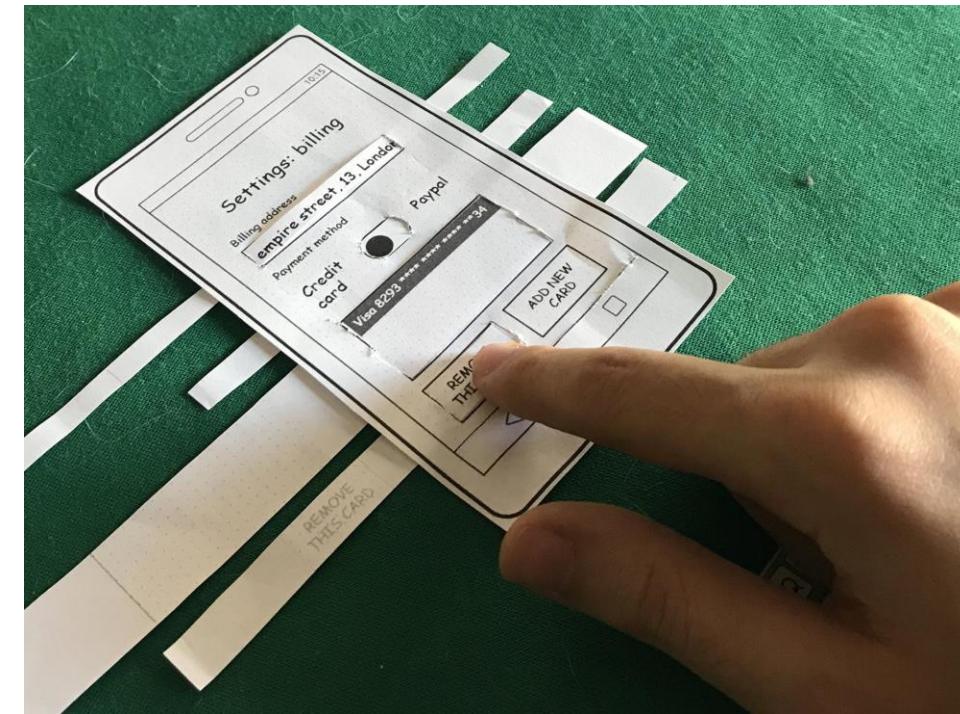


Test 3

Typing on the keyboard



Removing the current credit card

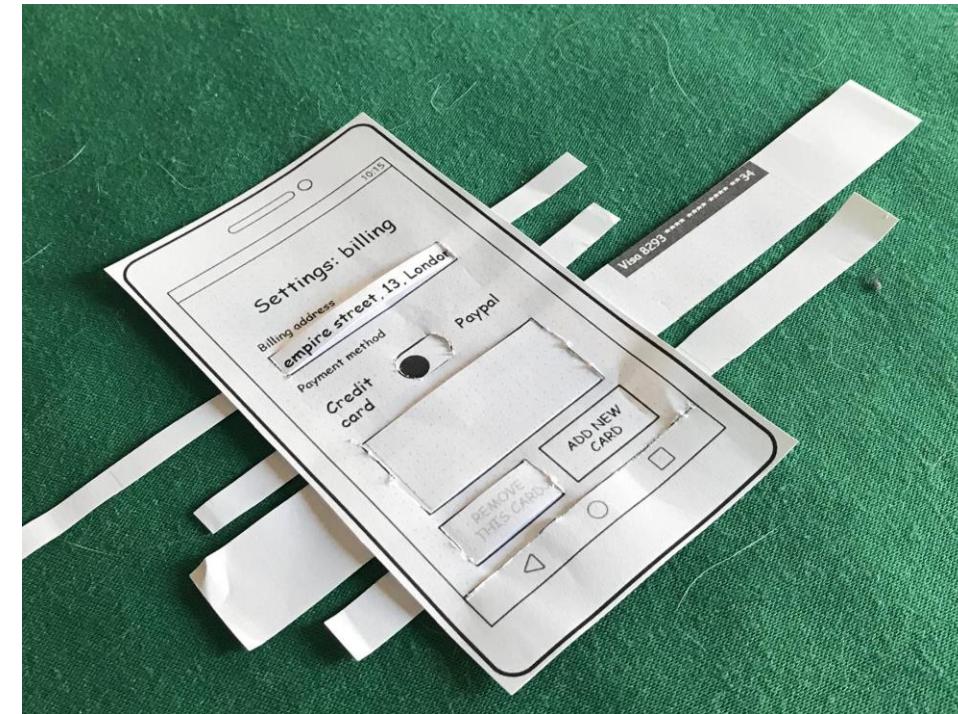


Test 3

A dialog asks to remove the credit card by clicking 'DELETE'



Resulting screen

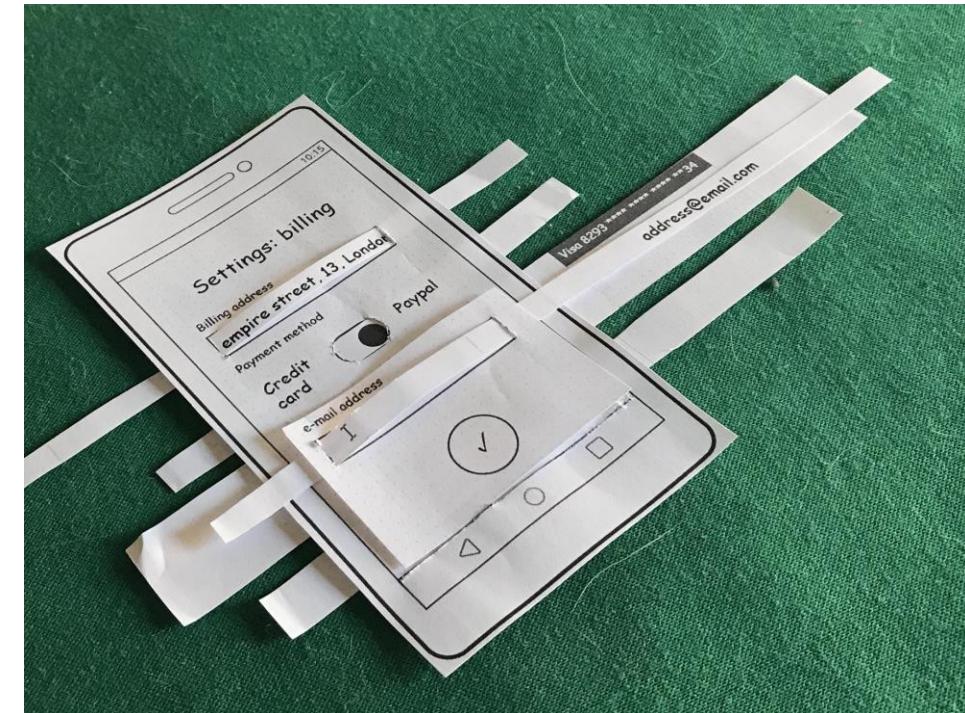


Test 3

Switching to the 'Paypal' payment method



The lower part of the screen contains the 'e-mail address' field



Test 3

Starting to type the email address



The keyboard shows up



Test 3

Pressing the confirm button



5 things to consider

- 1) In the 'test 1' the icon macro is a calendar, this could violate the Nielson's euristics 'Match between system and the real world'. Perhaps a good idea is to find another icon for it.
- 2) In the 'test 2' the 'NUMERS' menu voice doesn't seem to be very intuitive, perhaps it will better to find an alternative text.
- 3) In the 'test 2' it was not possible for the user looking at the SMS text he was writing because the keyboard was hiding the corresponding text field. Actually, the position of the keyboard and the form is an OS issue; in case of impossibility to look under the keyboard, a specific dialog should show up.
- 4) In the 'test 2' the tester expressed the desire to see some sort of seekbar to know the position of the current timing in the audio record while listening.

5 things to consider

- 5) In the 'test 3' the user would like to have the possibility to authenticate himself before doing any editing to the credit card or Paypal account (with a password or fingerprint request).

THANK YOU

for your attention