

# **5G pocket router**

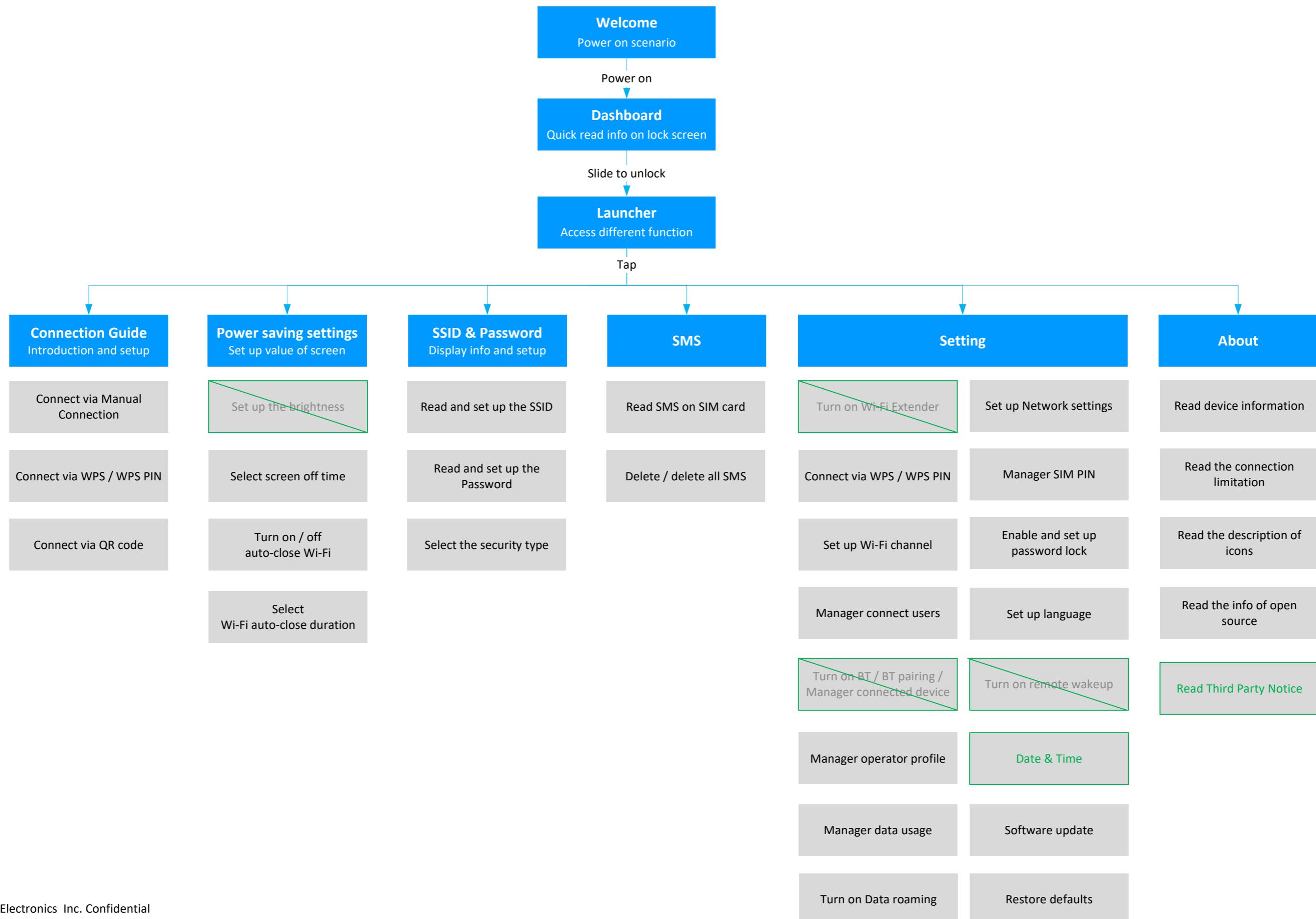
## **UX Framework**

Version 1.2  
December 11, 2019  
EID / AR / UI  
Compal Electronics, Inc

## Revision history

Rev.	Date	Description	Author	Rev.	Date	Description	Author
V 0.1	2019/02/25	<ul style="list-style-type: none"> <li>Internal release I</li> </ul>	Winnie Chan	V 1.1	2019/12/11	<ul style="list-style-type: none"> <li>Remove symbol ‘. --P7</li> <li>Remove List menu scroll bar. --P11, 17</li> <li>Revise wording Wi-Fi 2.4G, Wi-Fi 5G. --P18, 19, 20, 21</li> <li>Revise the user name as Mac address. --p9, 20</li> <li>Add Third party notice. --P3, 29</li> </ul>	Winnie Chan
V 0.2	2019/03/07	<ul style="list-style-type: none"> <li>Internal release II</li> </ul>	Winnie Chan	V 1.2	2020/01/02	<ul style="list-style-type: none"> <li>Add Date &amp; Time in settings. --P3, 27, 28</li> <li>Revise the behavior of change PIN. --P25</li> </ul>	Winnie Chan
V 0.3	2019/03/18	<ul style="list-style-type: none"> <li>Revise the Launcher order. --P5,12</li> <li>Revise the typo of DMF as DFS. --P5</li> <li>Add back function when enter password. --P12</li> <li>Revise the status of tick, if none input. --P7,13,18</li> <li>Revise the status of delete, if none item.--P16</li> <li>Revise the string of input PUK.--P26</li> <li>Remove the item of Heat protection. --P30</li> </ul>	Winnie Chan				
V 0.4	2019/04/01	<ul style="list-style-type: none"> <li>Add the meta text description –p.9</li> <li>Remove the note and revise typo of Wi-Fi. --P10</li> <li>Add scroll bar condition list – P.11</li> <li>Revise the brightness list. --P15</li> <li>Add Wi-Fi extender status note. --P18</li> <li>Revise Bluetooth on condition. --P,19</li> <li>Add Home button condition.—P19</li> <li>Revise Bluetooth condition and add the remove list flow.--P21</li> <li>Remove the BT connection loading screen. --P22</li> <li>Add operator name to note and IME tick button condition --P.23</li> <li>Revise the pass code input condition --P.28</li> </ul>	Gwynne Li				
V 1.0	2019/10/25	<ul style="list-style-type: none"> <li>Separate WiFi setting with 2.4G &amp; 5G. --p.3, 9, 18, 19</li> <li>Remove “Set Brightness” in Power Saving. --p.3, 15</li> <li>Remove “WiFi Extender” and “BT” in Settings. --p.3, 5, 9, 20,</li> <li>Set tick button to inactive state if keyboard input was empty. --p.7, 16, 21</li> <li>Add “WiFi Enable/Disable” and “Hide SSID” option in WiFi Setting. --P.8, 10, 19</li> <li>Remove the note and revise typo of Wi-Fi Remove “WiFi Band”. --P.10</li> <li>Remove QR code button. --p.14</li> <li>Separate 2,4G &amp; 5G in SSID, Add SSID password visible. P.16</li> <li>Add edit button in header for profile management. P.21</li> <li>Remove “BT mac address” and “BT name” in Device Inforamtion. --p.28, 29</li> </ul>	Winnie Chan				

## Function Structure



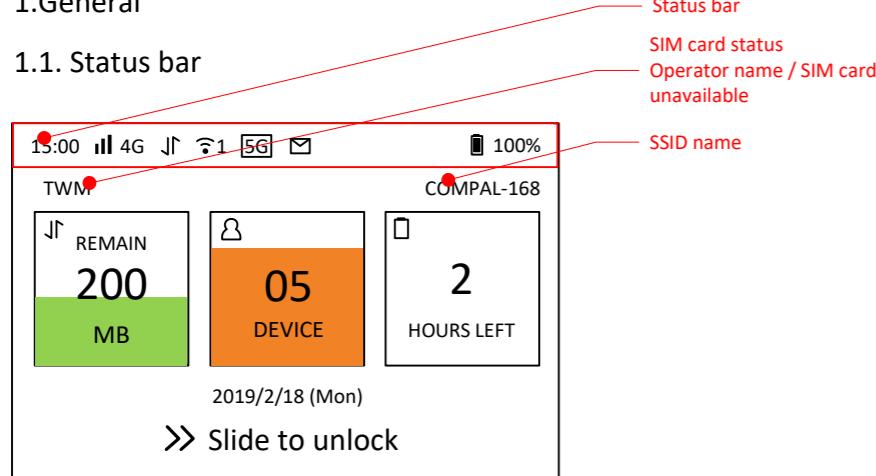
# Wireframe

1. General: status bar, Dashboard, Launcher, Headline, Information page
2. Input method
3. List menu
4. Notification
5. Scroll bar

## Wireframe

### 1.General

#### 1.1. Status bar



- Status bar

#### Time 24 format

15:00

#### Signal strength

- Signal strength
- ☒ SIM absent indicator

#### Radio tech

5G	5G = 5G network for Sub-6GHz or mmWave
4G+	4G+ = Carrier Aggregation enabled
4G	4G = Long Term Evolution (commonly and falsely known as 4G)
H+	H+ = HSPA+ (HSDPA+, HSUPA+)
H	H = HSPA (HSDPA, HSUPA)
3G	3G = UMTS (3G)
E	E = EDGE (2.5G)
G	G = GPRS (2G)
R	R = roaming (this means you're not on your home network)

#### Data flow indicator

- ↑ Upload
- ↓ Download
- ↔ Both upload and download

#### Connected users counter

- ☒ Connected Wi-Fi device (16)
- Connected Bluetooth device

#### Wi-Fi band

- 5G Wi-Fi band 5G
- 2.4G Wi-Fi band 2.4G
- 5G+ Wi-Fi band 2.4 + 5G

#### Unread messages

- ✉ Unread messages

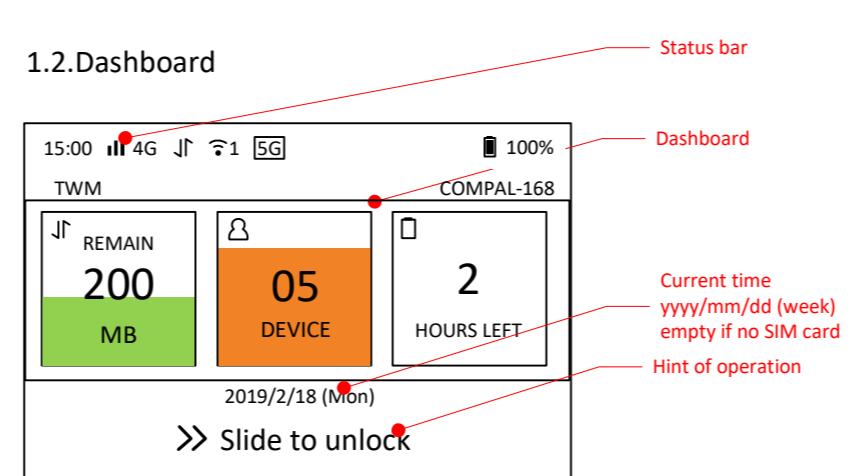
#### Others

- DFS DFS
- ↑ Indoor

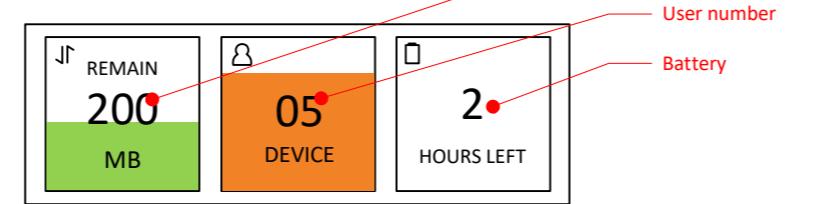
#### Battery level

- 100% Battery level
- 10% Charging

### 1.2.Dashboard



- Dashboard item



#### Note:

Real time display the information.

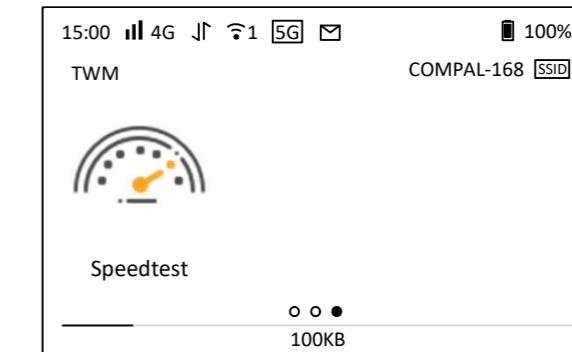
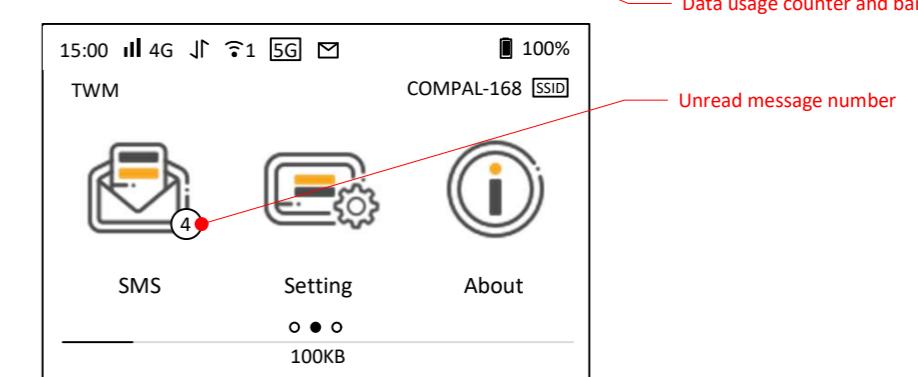
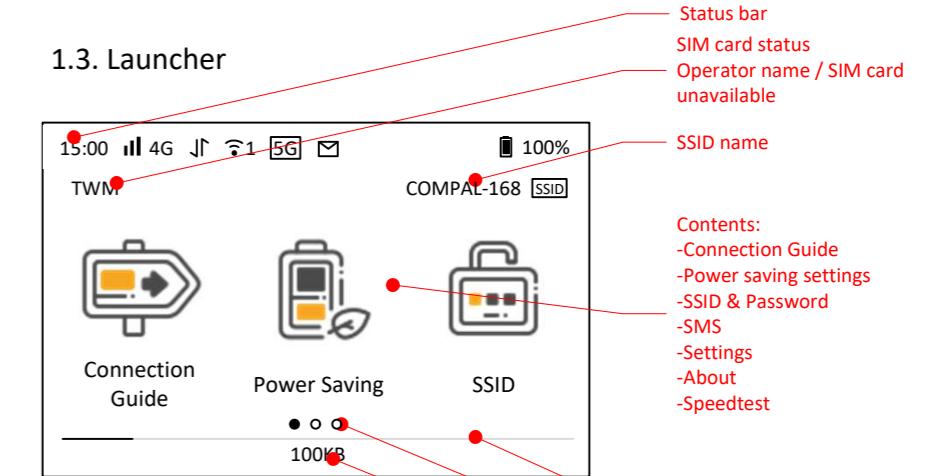
Read only

Data usage counter: Indicate the available space of data.

User number: Indicate the number of connected users.

Battery percent: Indicate the use of time of power.

### 1.3. Launcher



#### Note:

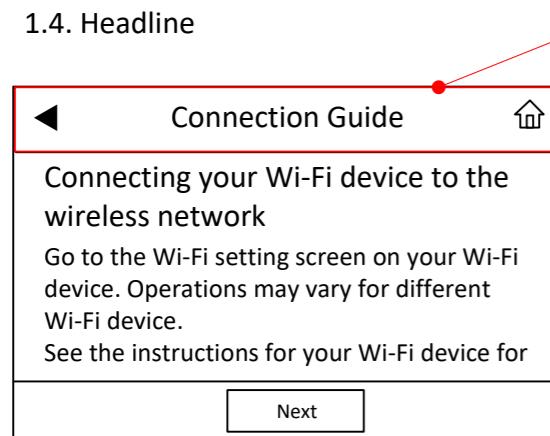
Slide to switch full page

Display an indicator icon with number on SMS

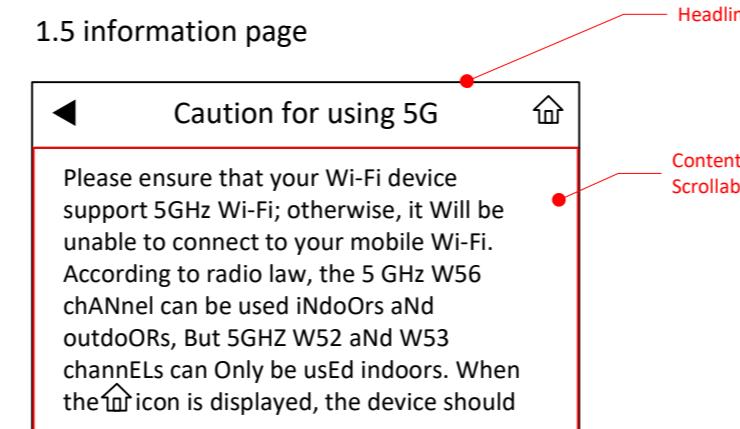
## Wireframe

### 1.General

#### 1.4. Headline



#### 1.5 information page

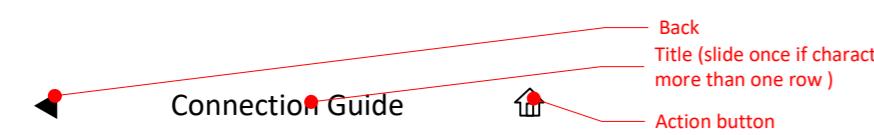


- Multi-page info

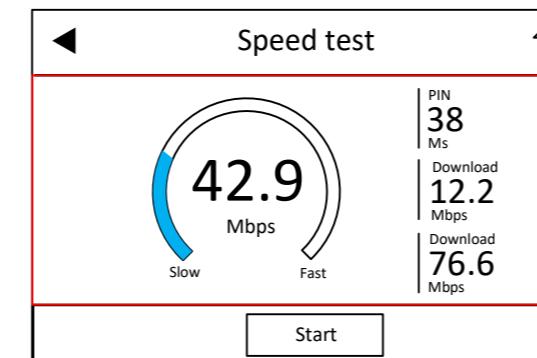
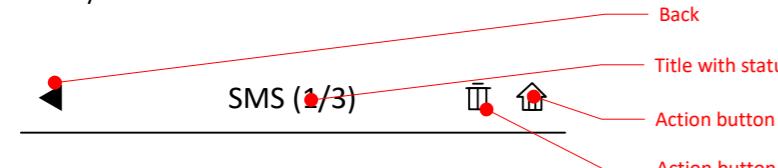
Please ensure that your Wi-Fi device support 5GHz Wi-Fi; otherwise, it Will be unable to connect to your mobile Wi-Fi. According to radio law, the 5 GHz W56 chANnel can be used iNdoOrs aNd outdoORs, But 5GHZ W52 aNd W53 channELs can Only be usEd indoors. When the icon is displayed, the device should

Contents  
Scrollable

- Title with 2 icons



- Dynamic title with 3 icons

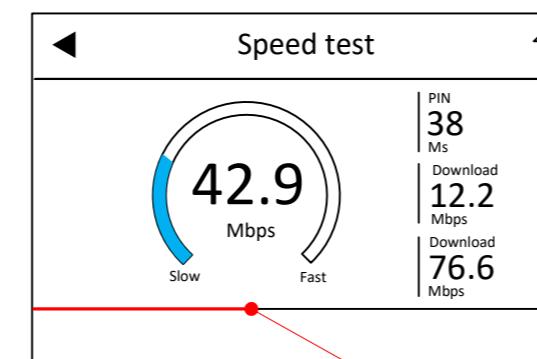


- Multi-page info with 1 action button

Connecting your Wi-Fi device to the wireless network  
Go to the Wi-Fi setting screen on your Wi-Fi device. Operations may vary for different Wi-Fi device.  
See the instructions for your Wi-Fi device for

Contents  
Scrollable

Next



Please select the WPS or enter WPS Password to connection.

Profile name: TWM

APN: internet

User name:

Password:\*\*\*\*\*

#### Note:

Display scroll bar while scrolling.

Display effect if scroll to top or bottom.

Action button will always show on top while scrolling

## Wireframe

## 2. Input method

## 2.1. Numeric only keyboard

X Enter password to unlock ✓

Hint of operation

Input display

Numeric keyboard

0	1	2	3	4	<input type="button" value="⌫"/>
5	6	7	8	9	<input type="button" value="⌫"/>

## 2.2. Abc / 123 keyboard

X Modify ✓

COMPAL-168 |

Scorable Characters: A-Z

A	B	C	D	E	F
123	A/a	!#\$	⌫		

## 2.3. Symbol keyboard

X Modify ✓

COMPAL-168 |

Scorable Characters:

! # \$ ( ) \* - . / = @ [ ]  
^ \_ { | } ~ % & +  
\ : ; " < > , ?

123	a/A	!#\$	⌫		
-----	-----	------	---	--	--

X Enter WPS PIN ✓

Enter a 4 or 8-digit number

Numeric keyboard

0	1	2	3	4	<input type="button" value="⌫"/>
5	6	7	8	9	<input type="button" value="⌫"/>

X Modify ✓

COMPAL-168 |

Scorable Characters: a-z

a	b	c	d	e	f
123	a/A	!#\$	⌫		

Note:  
The area of symbol can be scrolled (no loop)

X Modify ✓

| Enter SSID

Highlight selected

Scorable Characters: 0-9

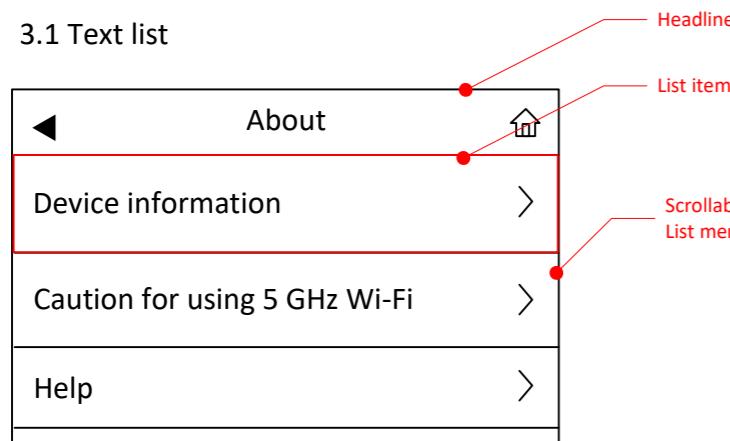
0	1	2	3	4	5
123	a/A	!#\$	⌫		

Note:  
The area of number / characters can be scrolled (no loop)

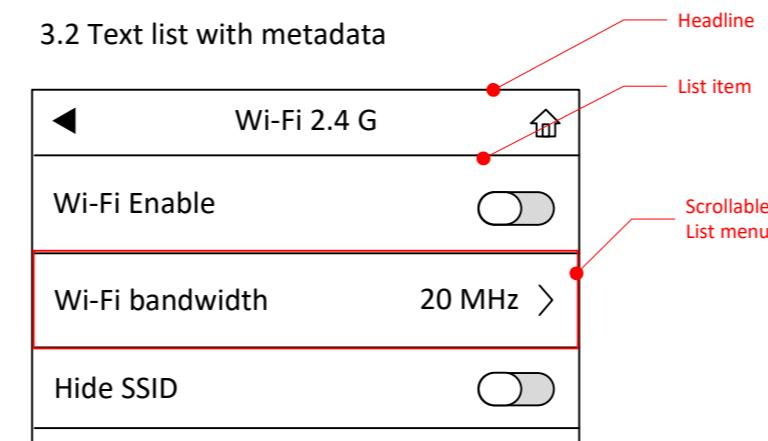
## Wireframe

### 3.List menu

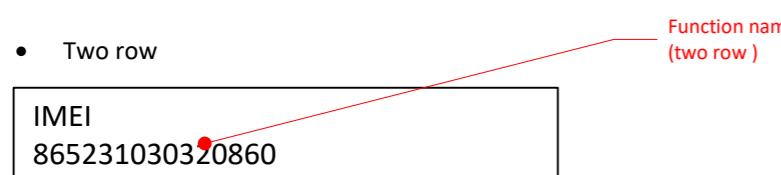
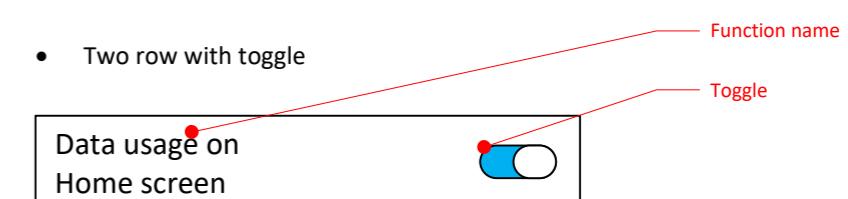
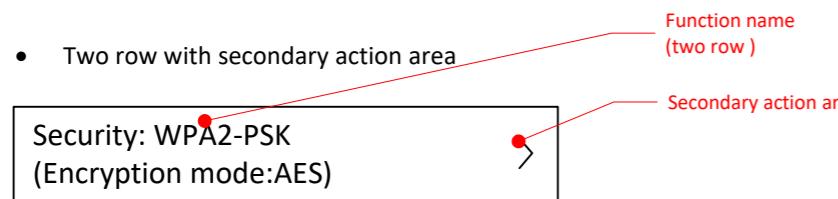
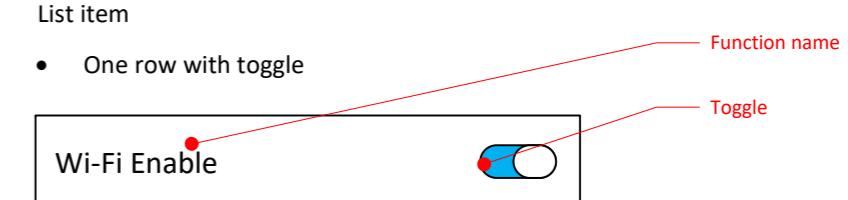
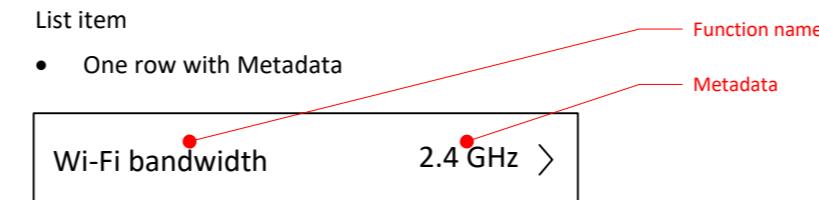
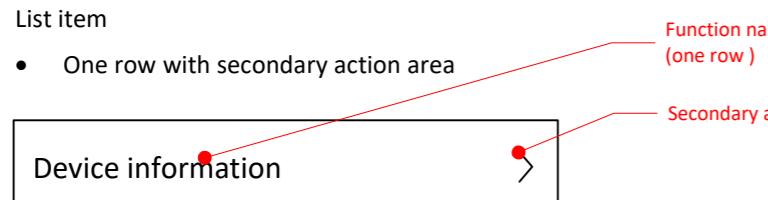
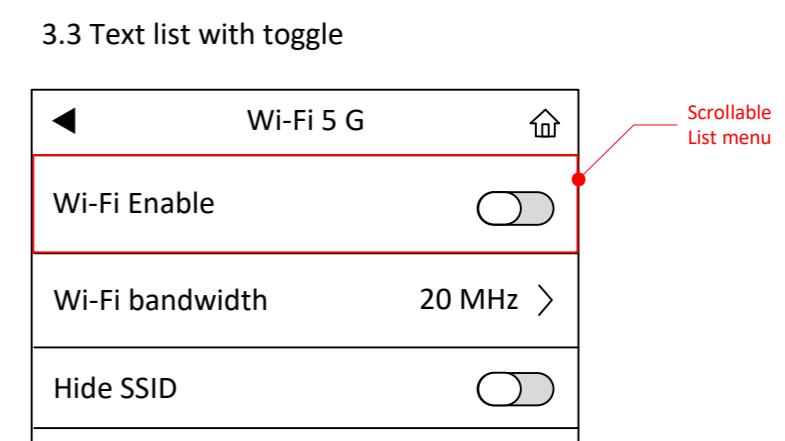
#### 3.1 Text list



#### 3.2 Text list with metadata



#### 3.3 Text list with toggle

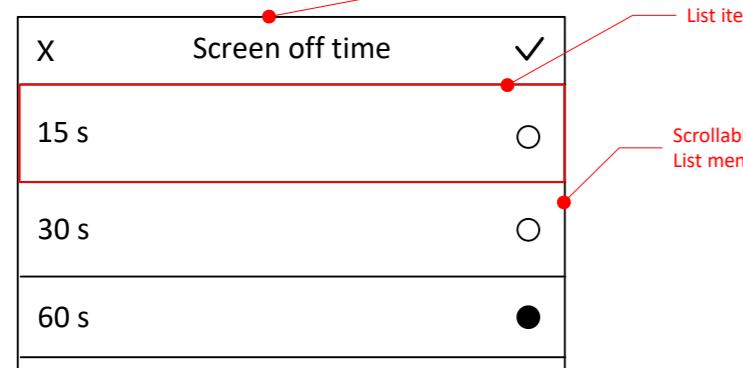


**Note:**  
The page of list items can be scrolling (no loop)  
Display scroll bar while scrolling.  
Display effect if scroll to top or bottom.  
Press list item to access secondary level.

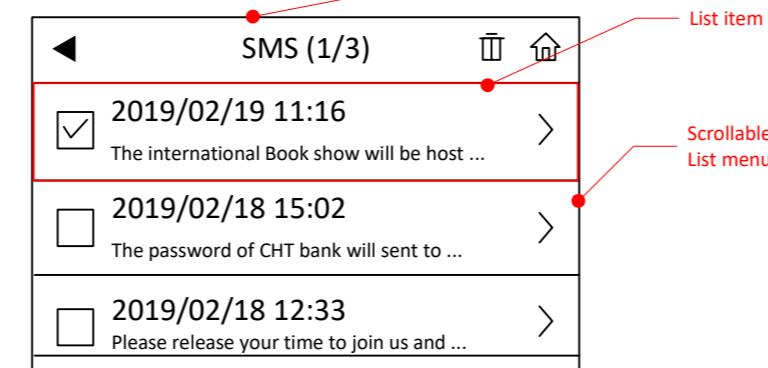
## Wireframe

## 3.List menu

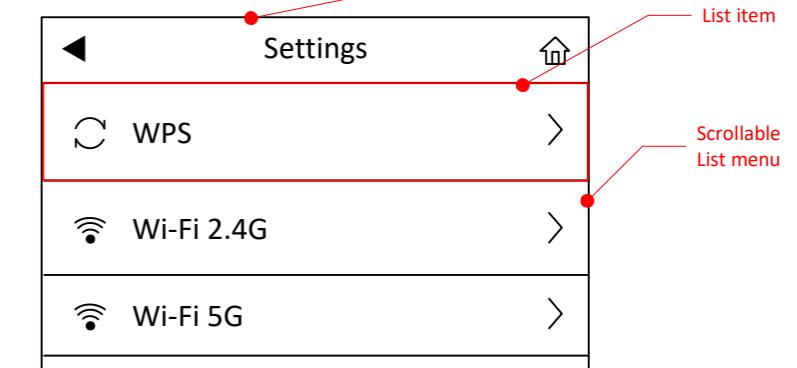
## 3.4 Text list with radio button



## 3.5 Text list with checkbox



## 3.6 Text list with icon



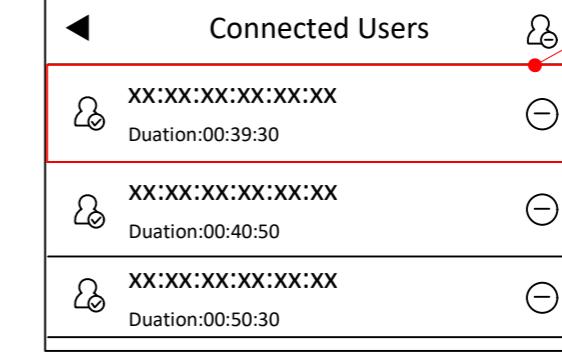
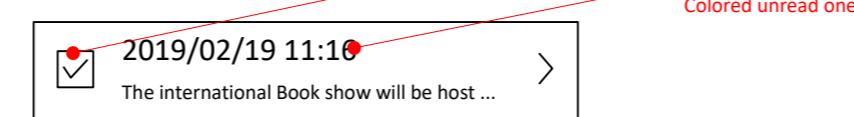
## List item

- One row with radio button



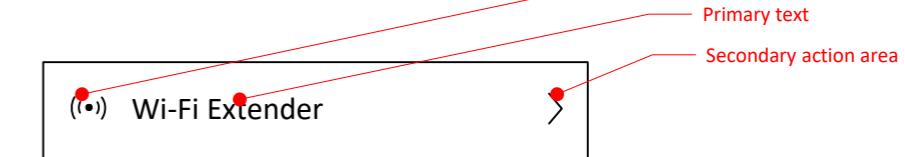
## List item

- Two row with list control



## List item

- One row with icon



- Tow row with icon



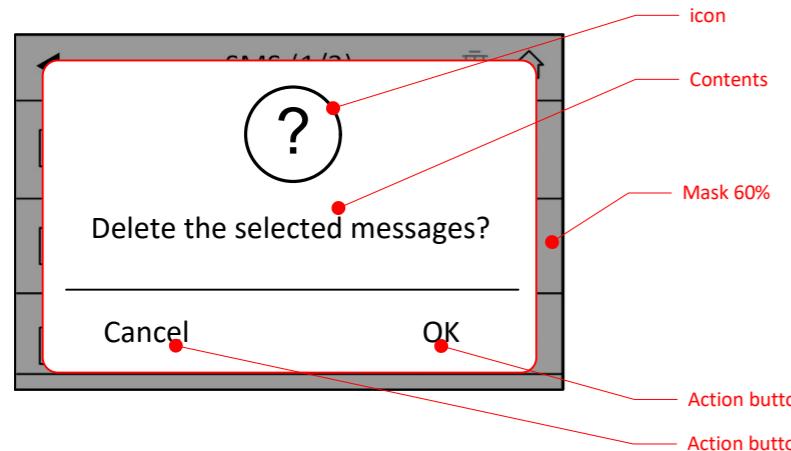
- One row with icon



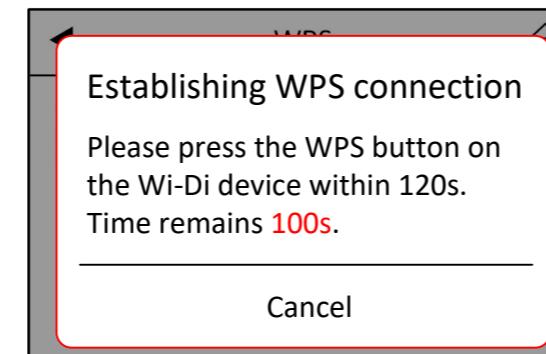
## Wireframe

## 4.Popup

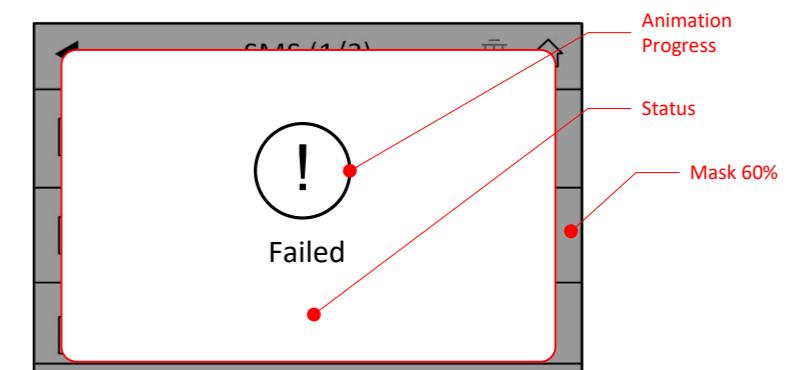
## 4.1. Confirm



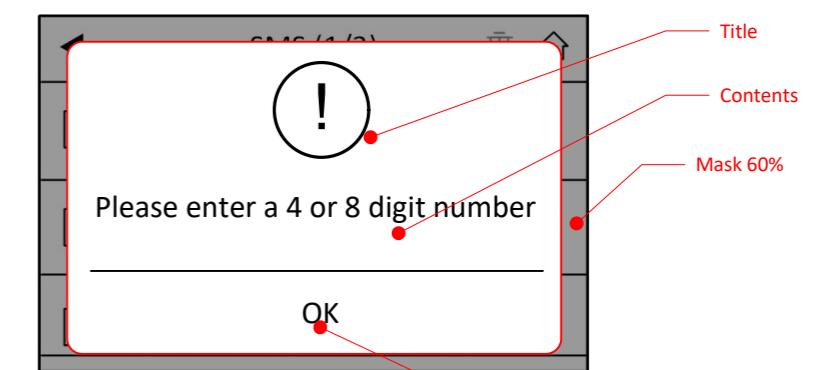
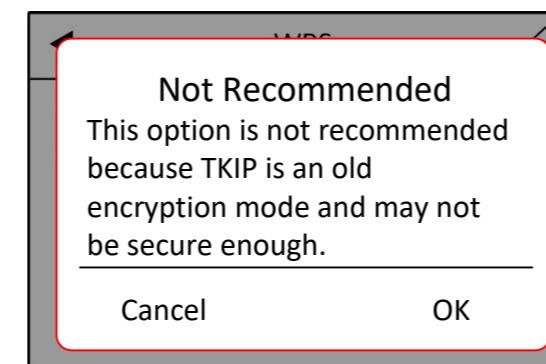
## 4.2. Information



## 4.3. Warning



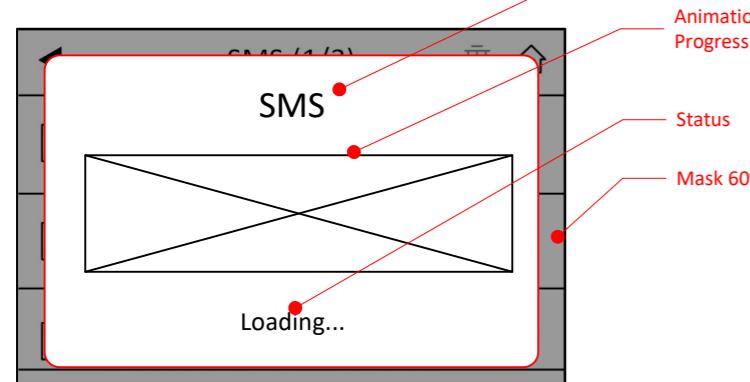
Note:  
This will auto time out after 1.5 sec



Note:  
Press to back to the previous page

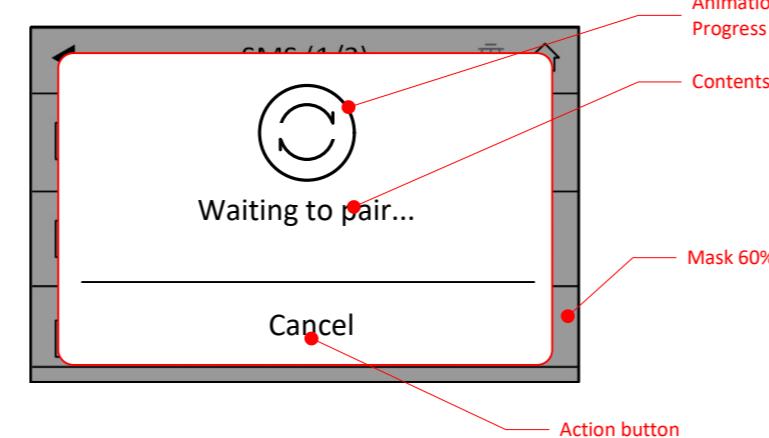
## 4.4. Processing

## • System process

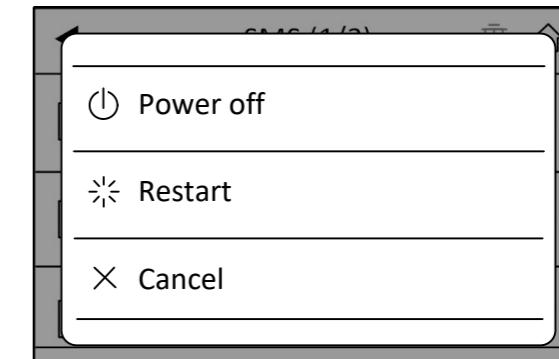


Note:  
Finish after system process completed

## • Interruptible process



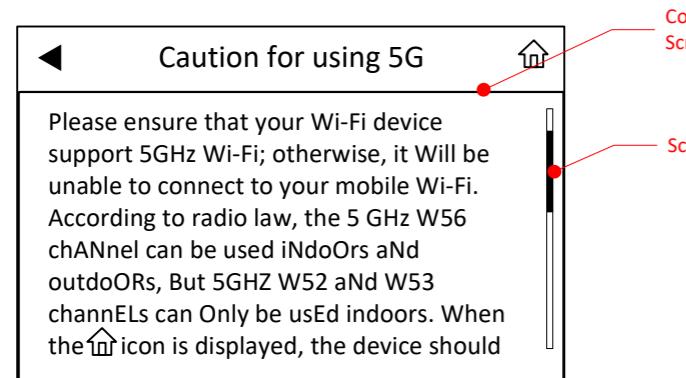
## 4.5. Power manager



## Wireframe

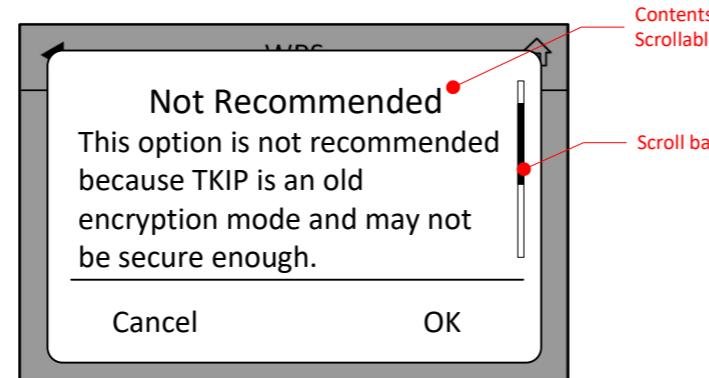
### 5. Scroll bar

#### 5.1 Information page



Note:  
The scroll bar is ALWAYS show on the screen.

#### 5.2 Pop-up



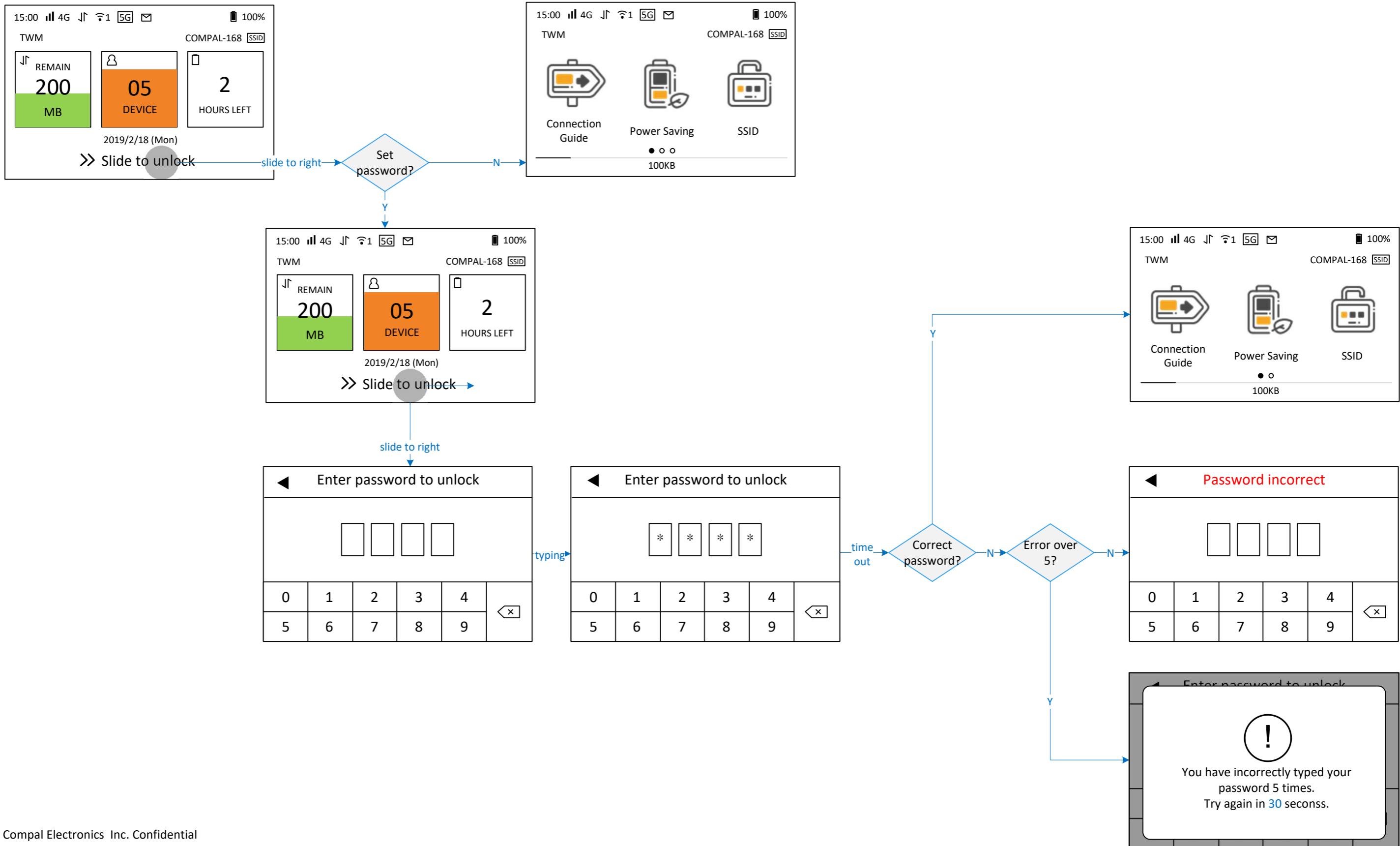
Note:  
The scroll bar is ALWAYS show on the screen.

# Use case

1. Unlock screen
2. Connection Guide
3. Power Saving settings
4. SSID & Password
5. SMS
6. Settings
7. About

## Use case

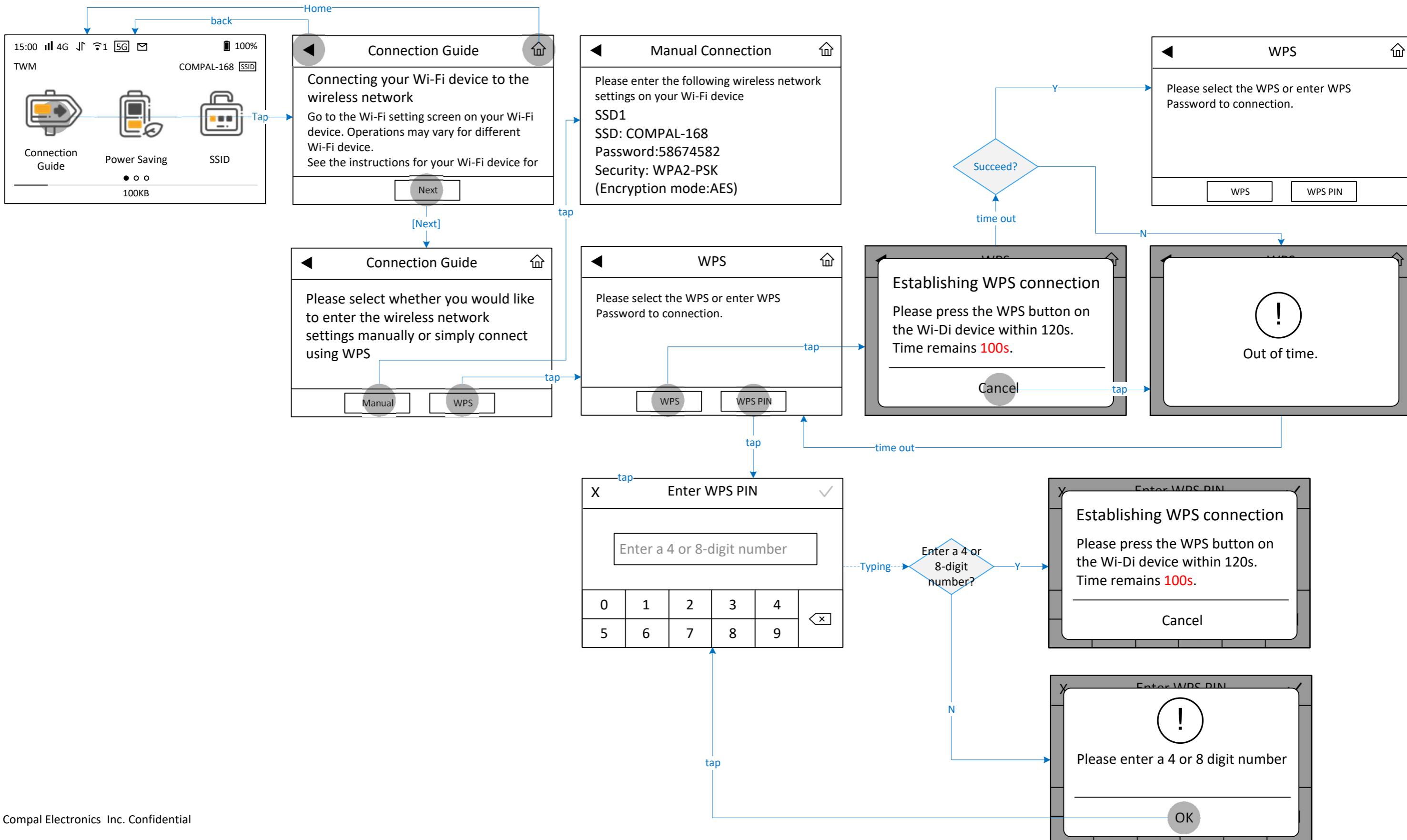
## 1. Unlock screen



## Use case

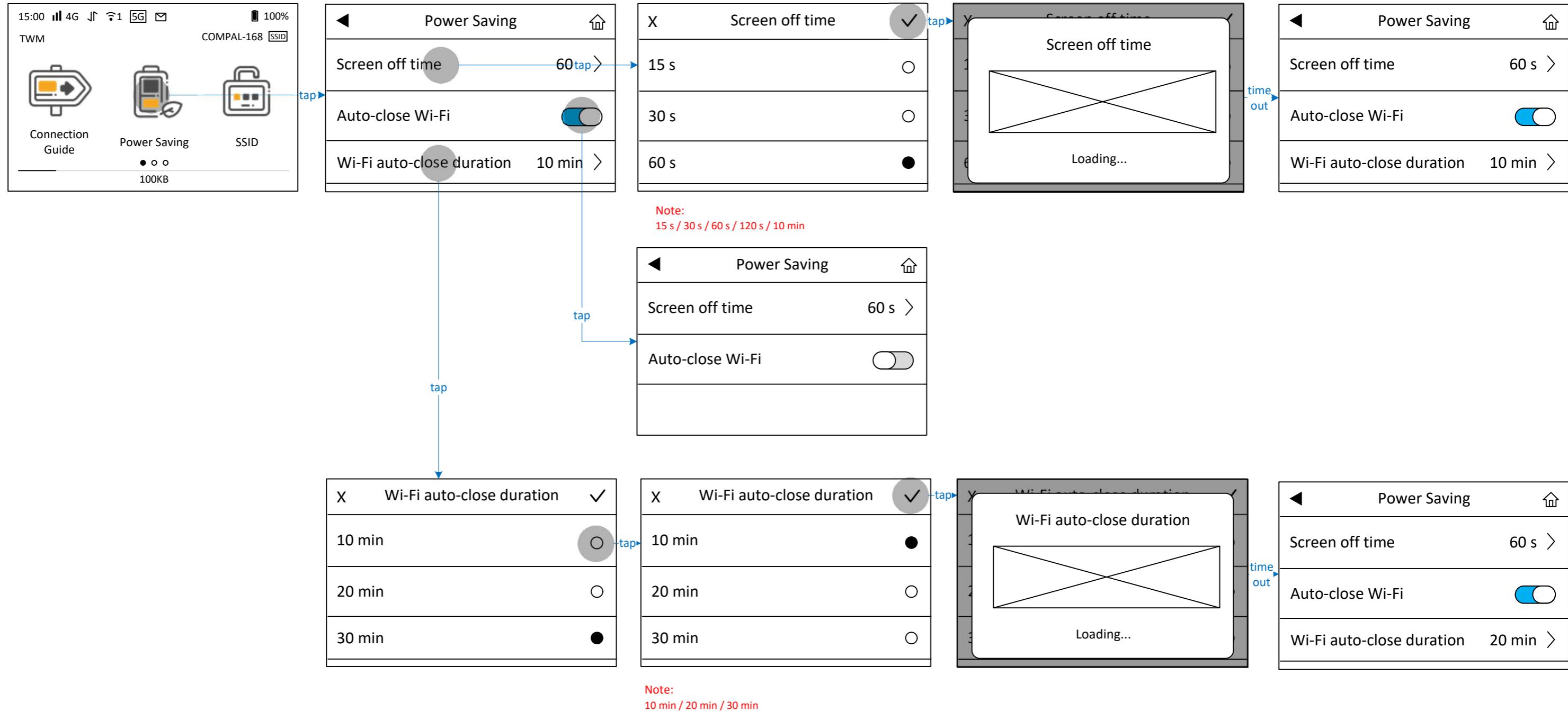
### 2.Connection Guide

#### 2.1. Connect via different method



## Use case

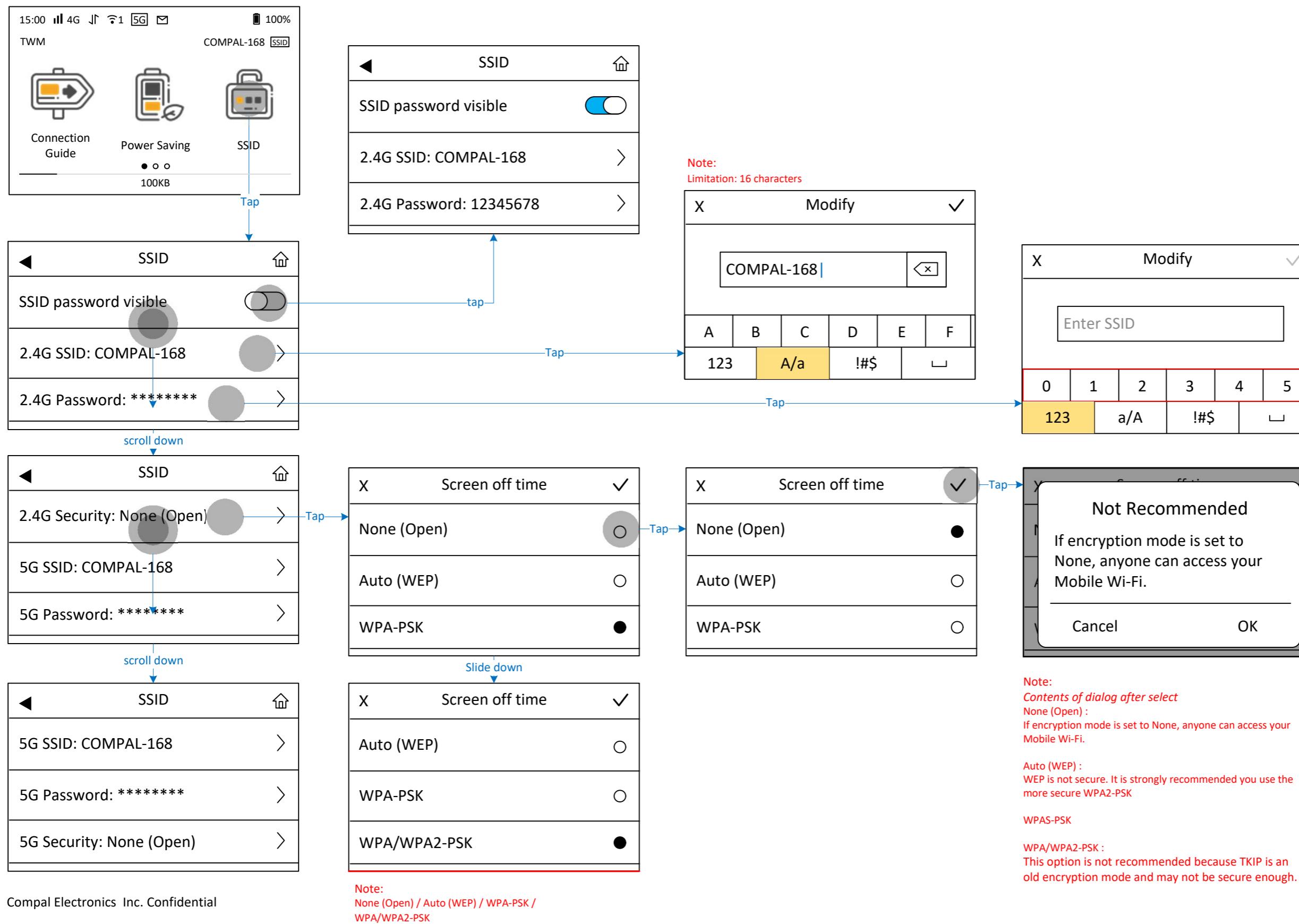
## 3.Power saving settings



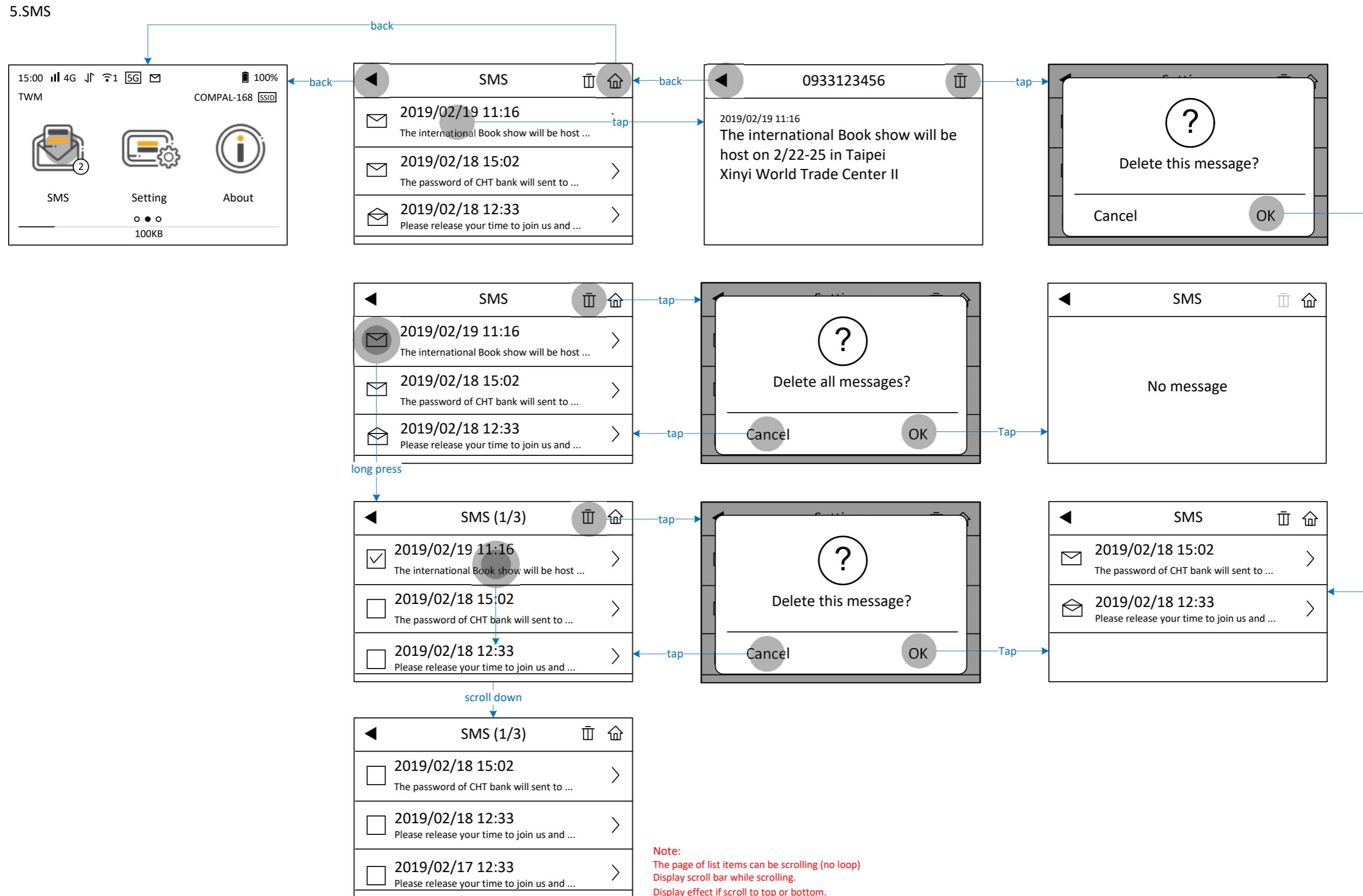
## Use case

### 4.Connection Guide

#### 4.1. Connect via different method

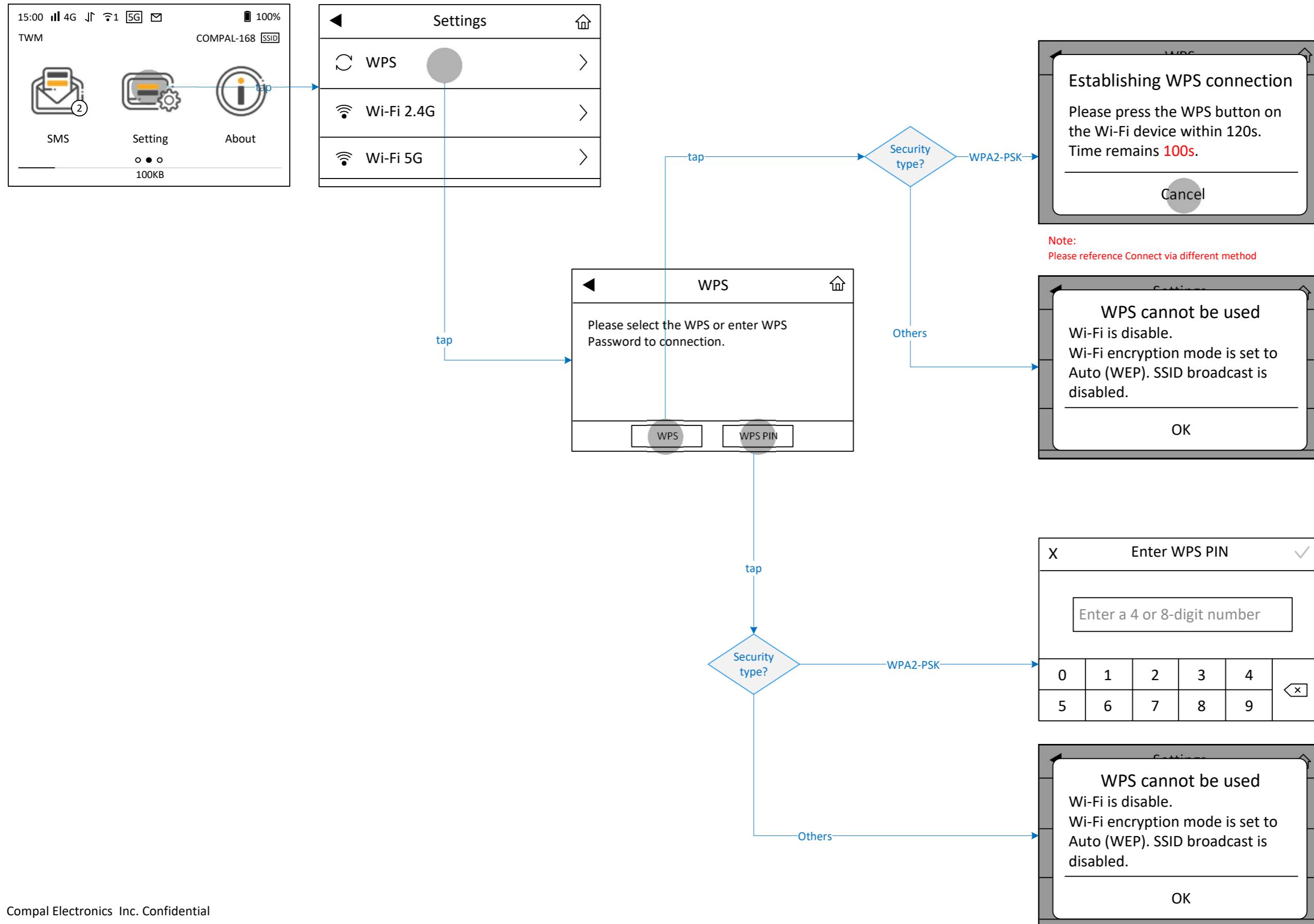


## Use case



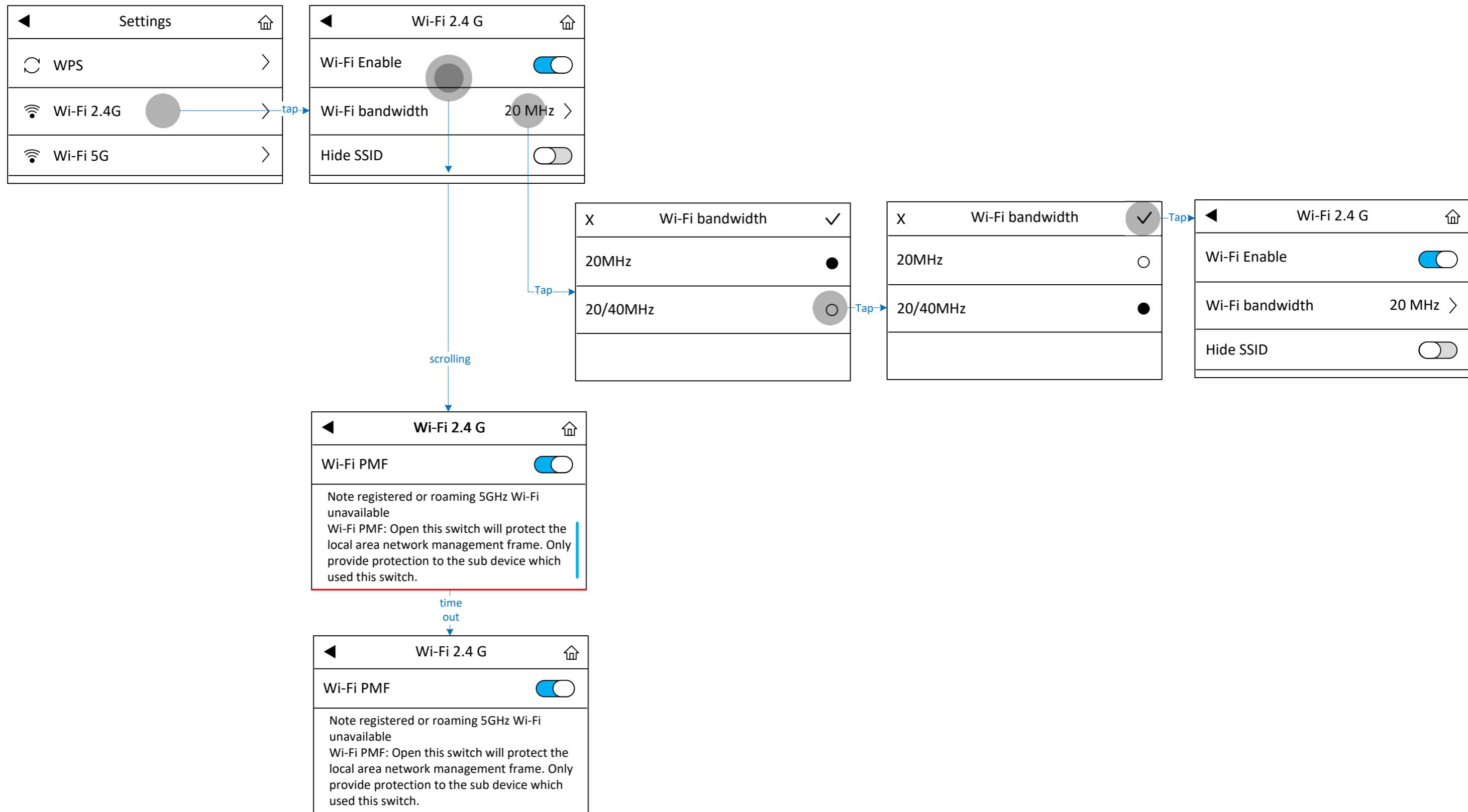
## Use case

6.Settings: WPS



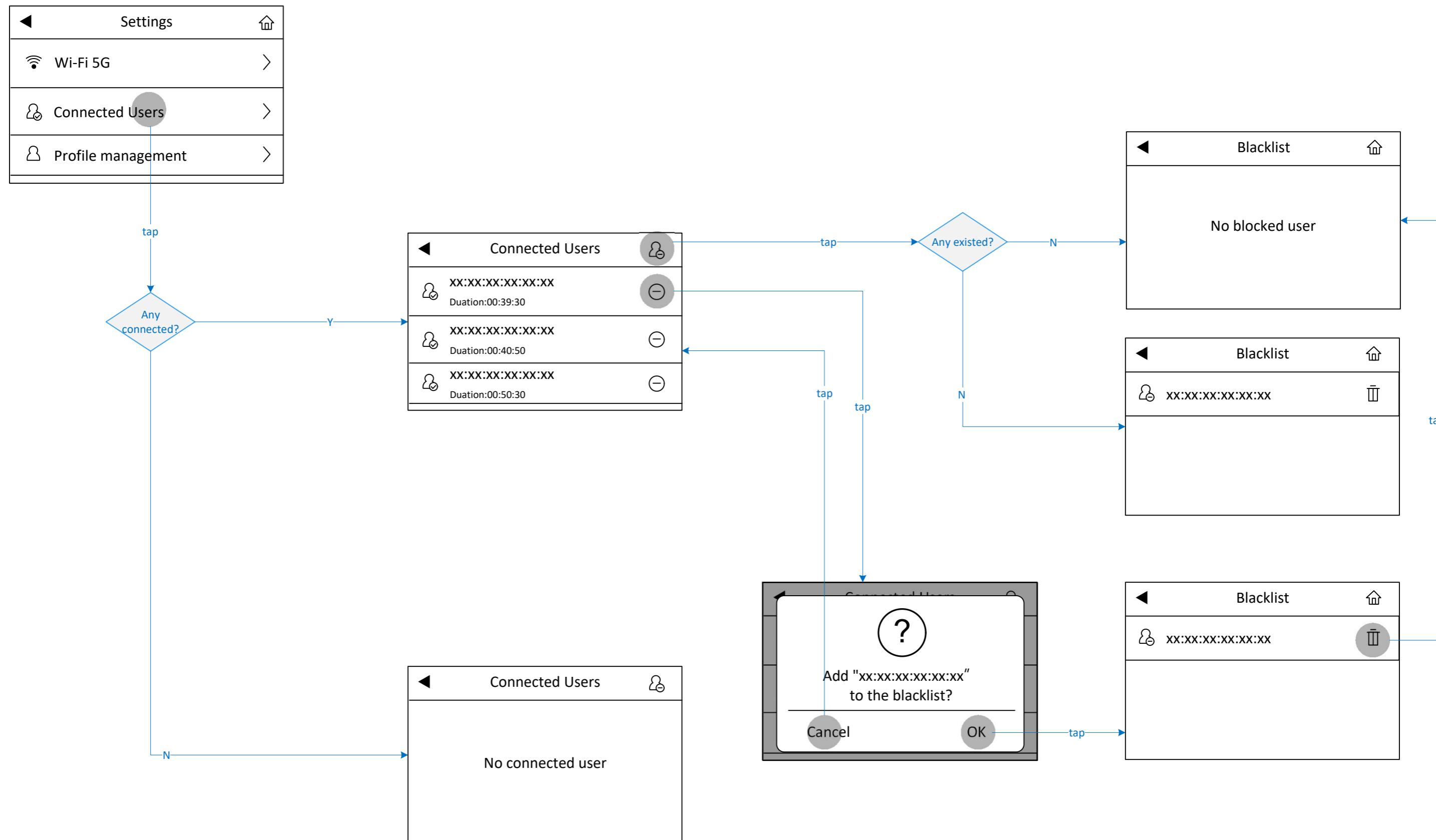
## Use case

6.Settings: WiFi



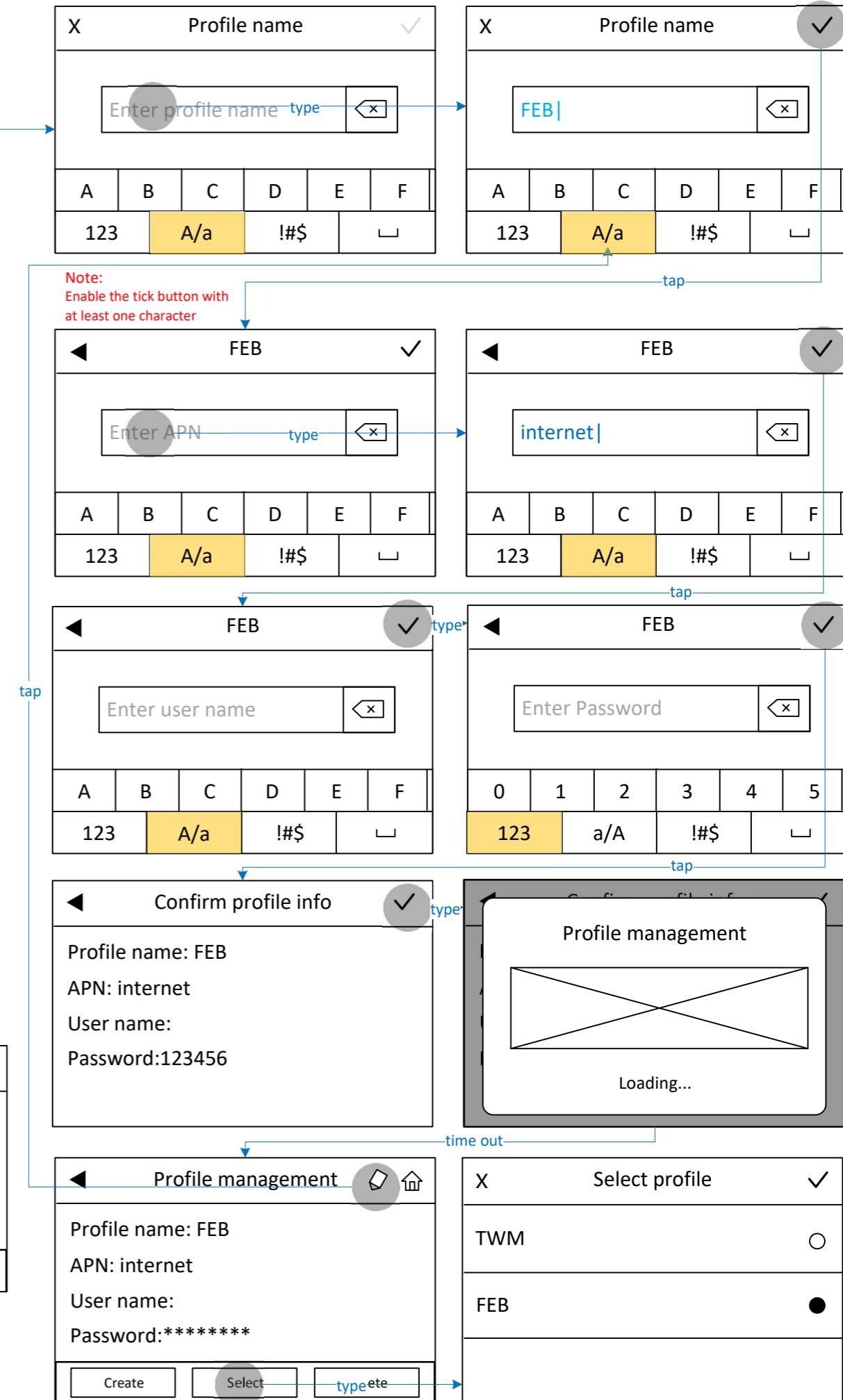
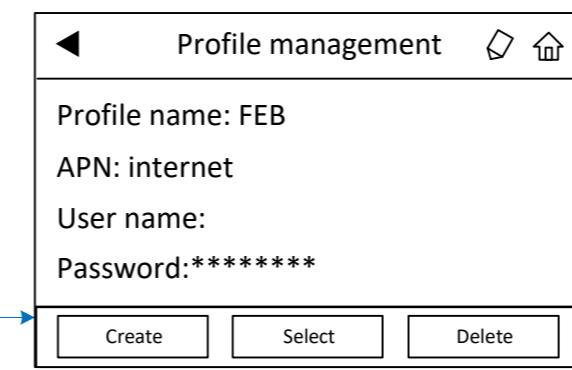
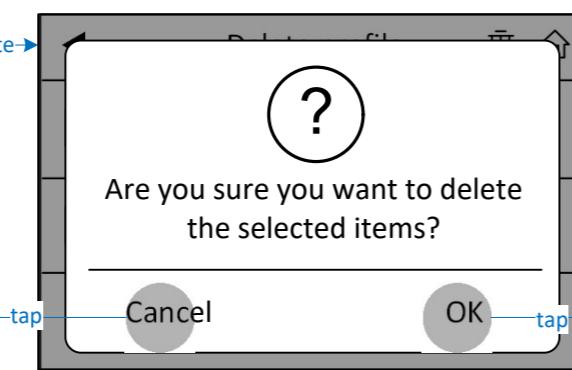
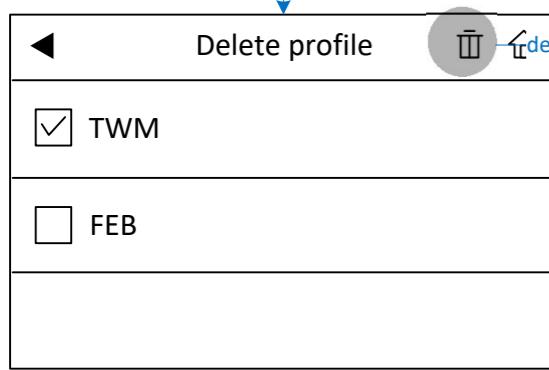
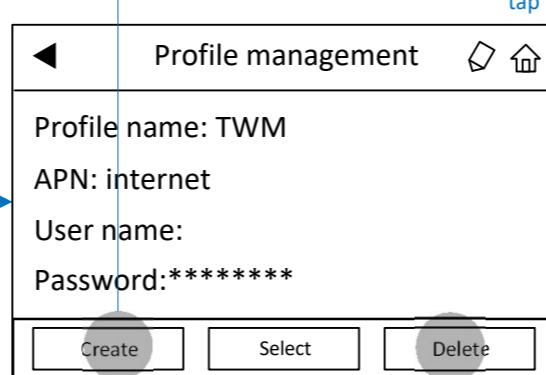
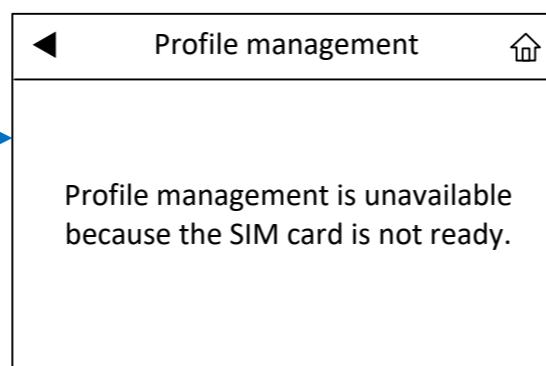
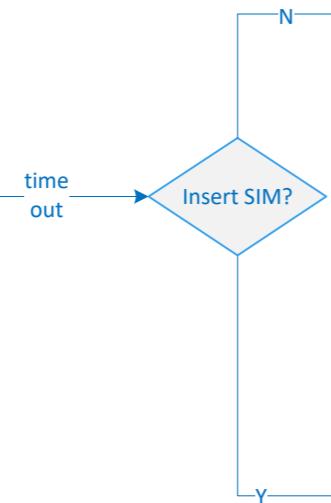
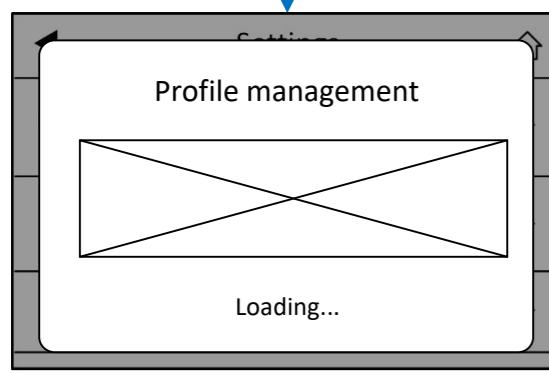
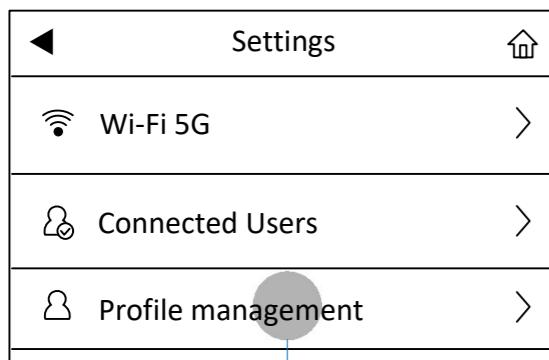
## Use case

6.Settings: Connection



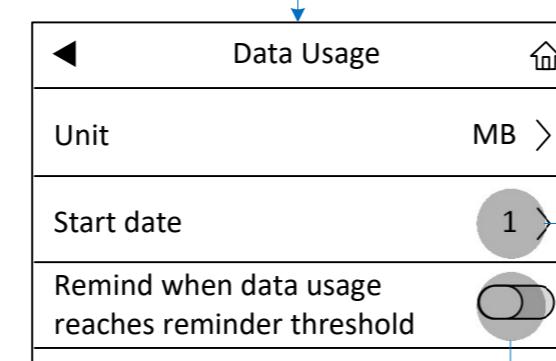
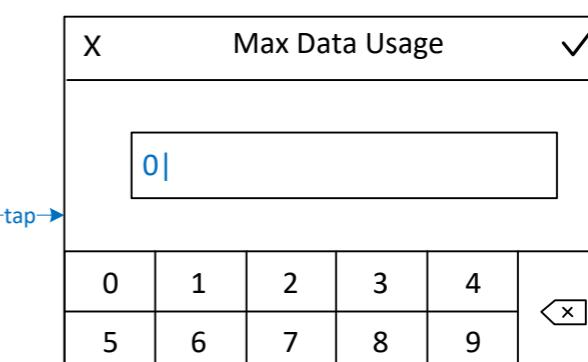
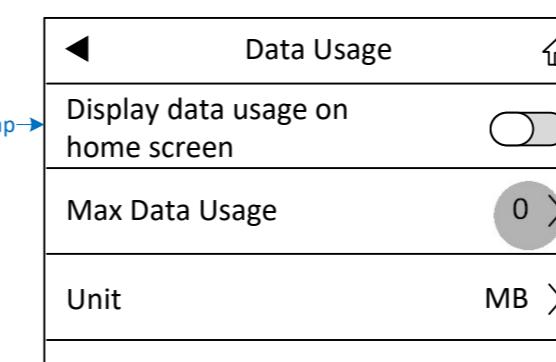
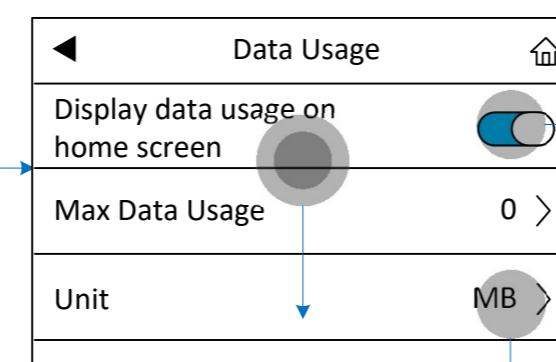
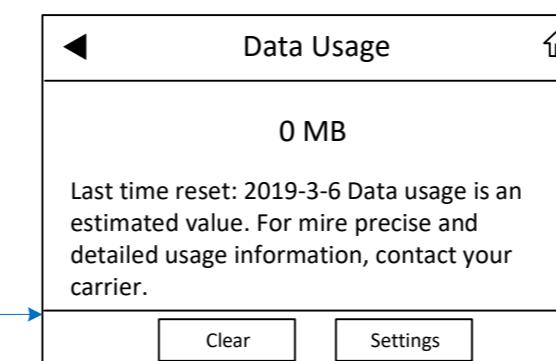
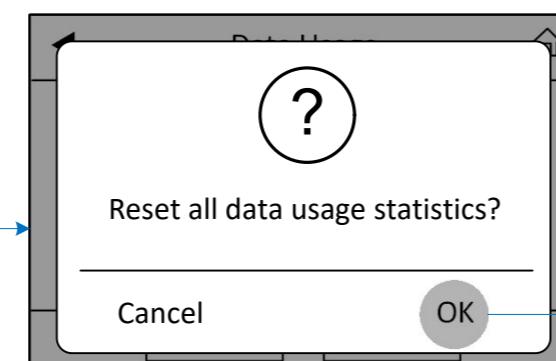
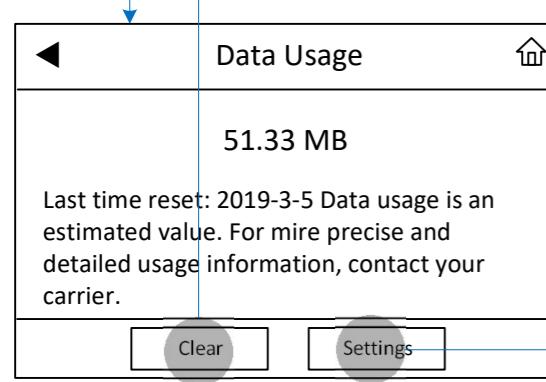
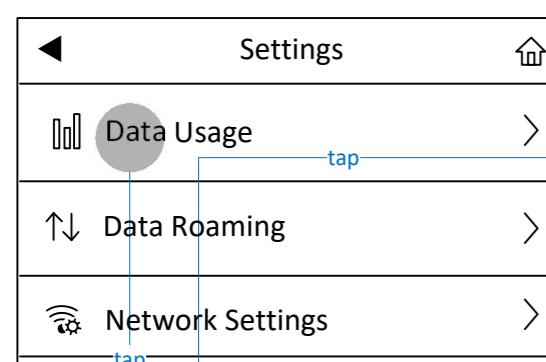
## Use case

6.Settings: Profile management

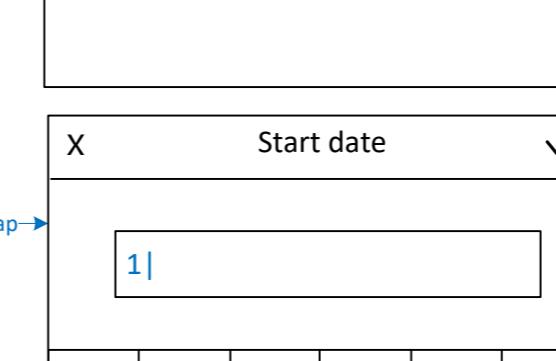


## Use case

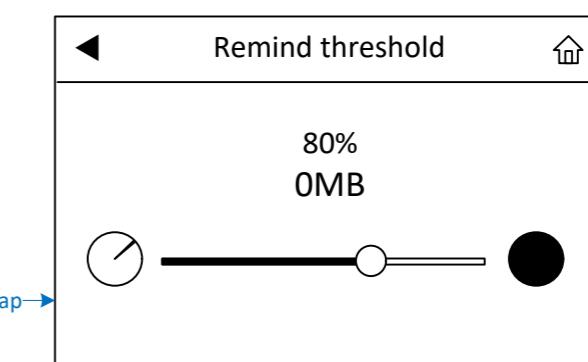
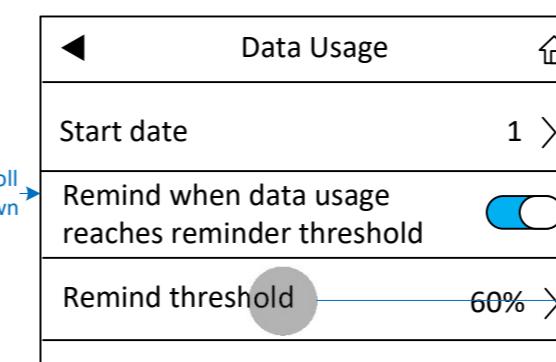
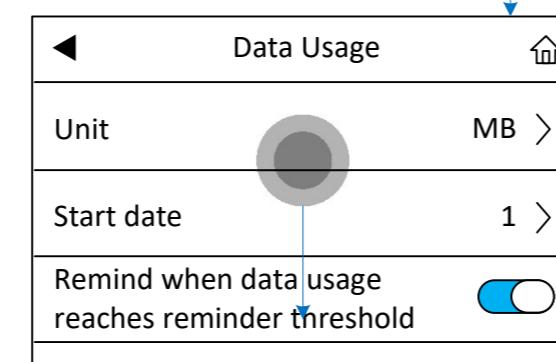
6.Settings: Data usage



Note:  
The settings of remind threshold will be shown while turns on

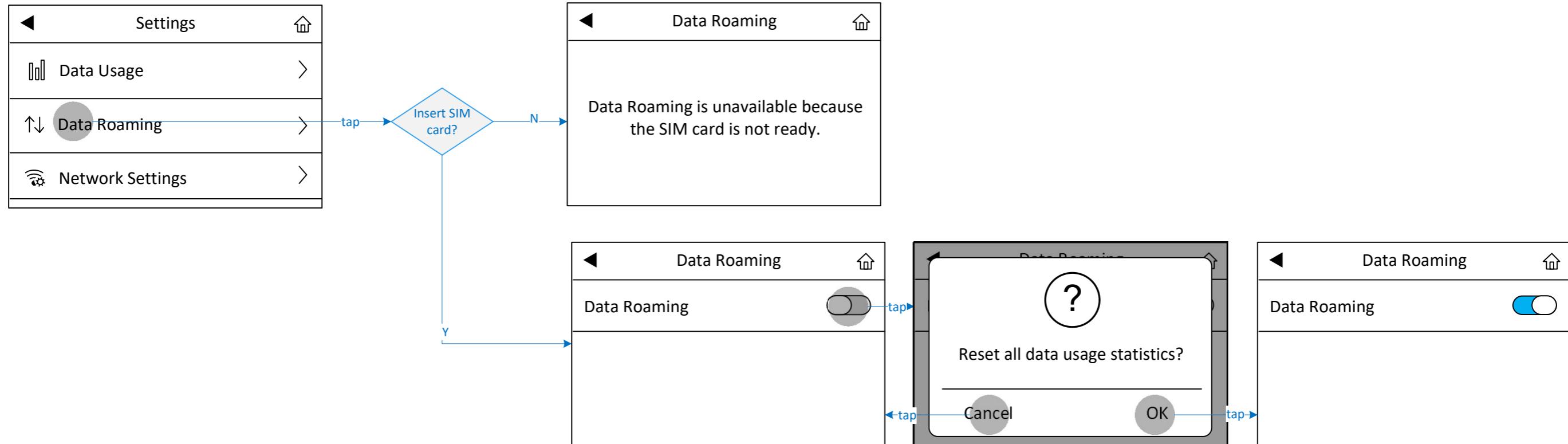


Note:  
If first num >3, not allow to input num again  
If first num = 3, allow to input 0 & 1 only  
Only support two character



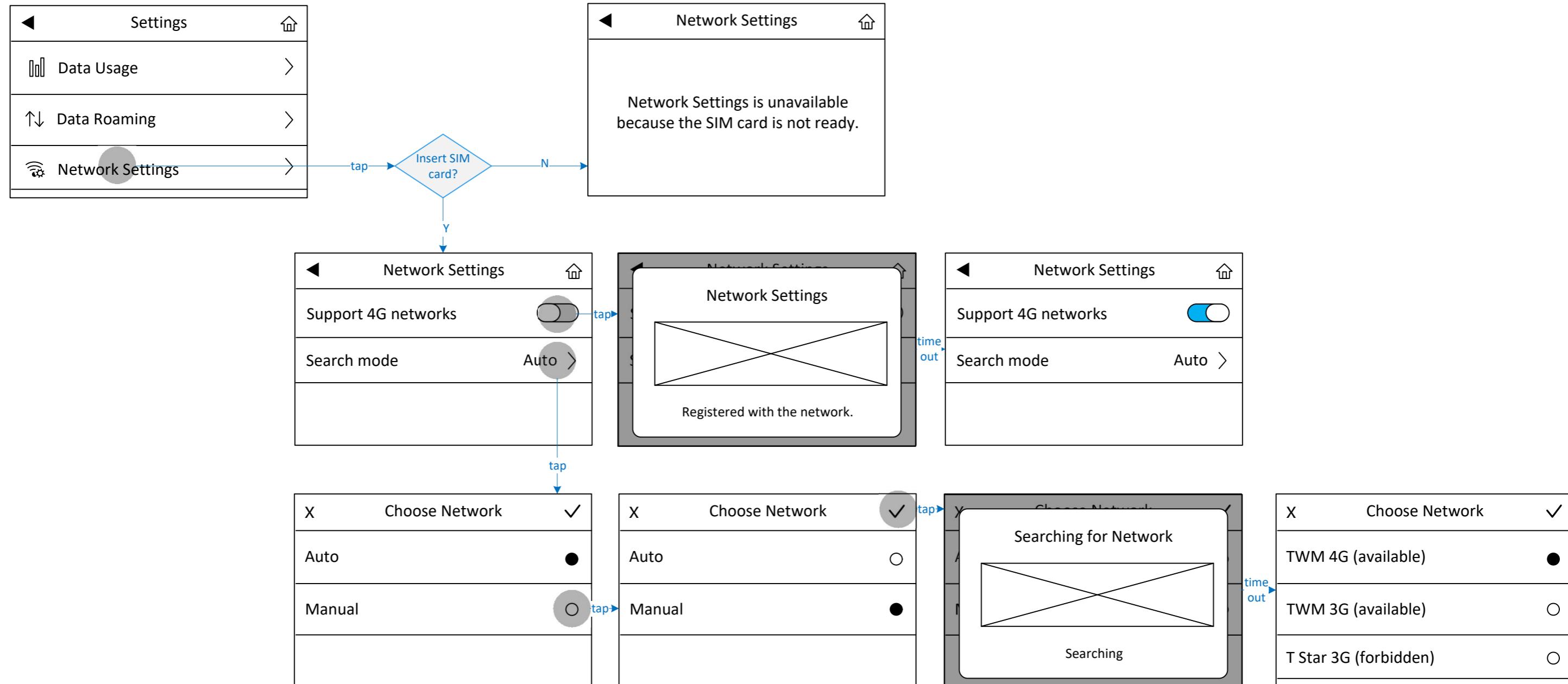
## Use case

## 6.Settings: Data Roaming



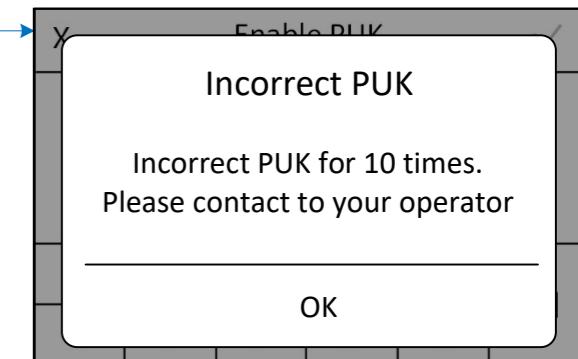
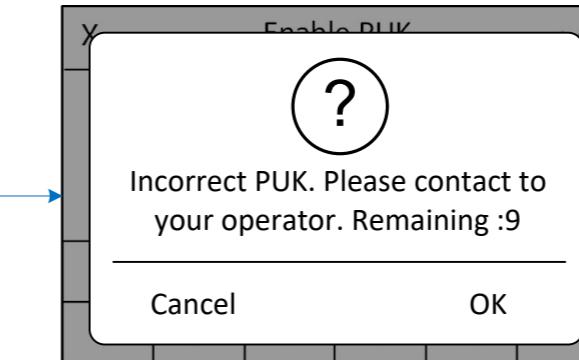
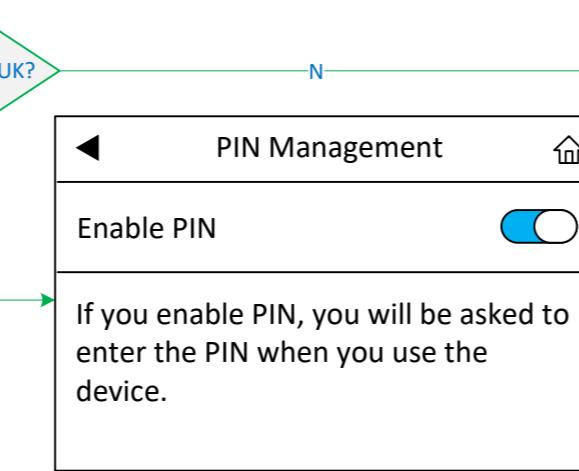
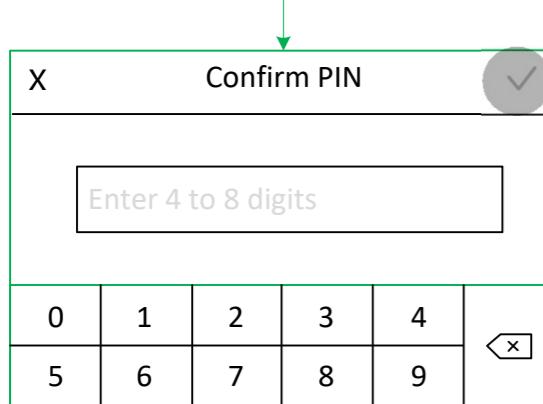
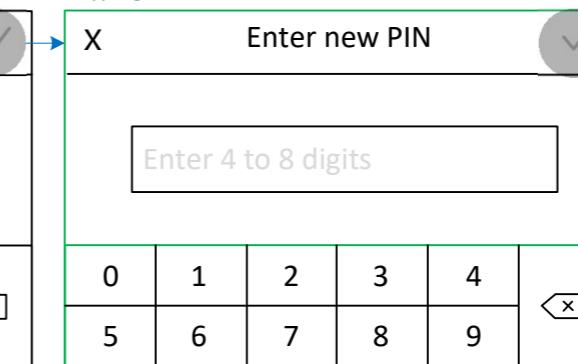
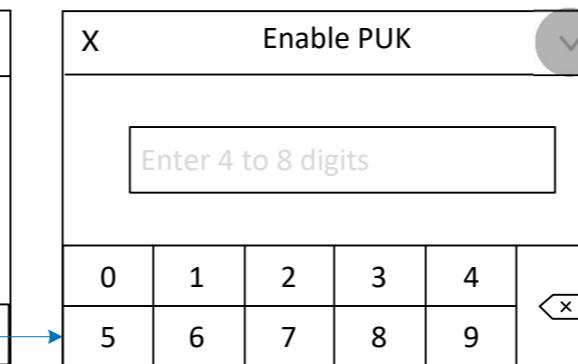
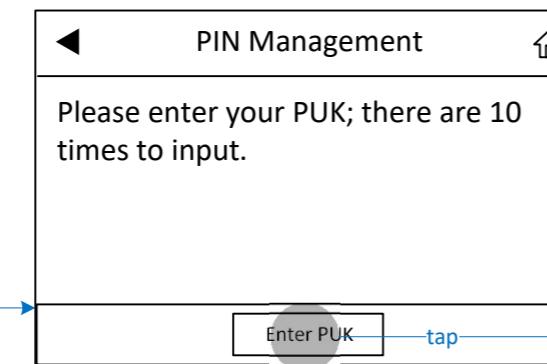
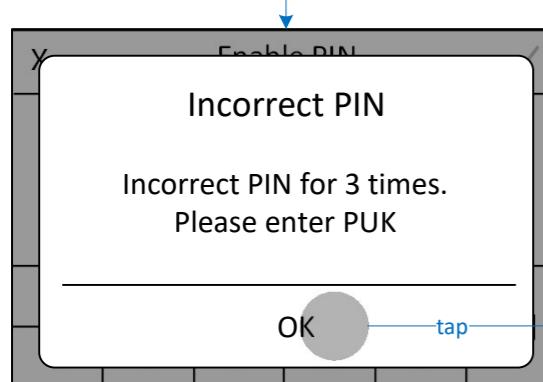
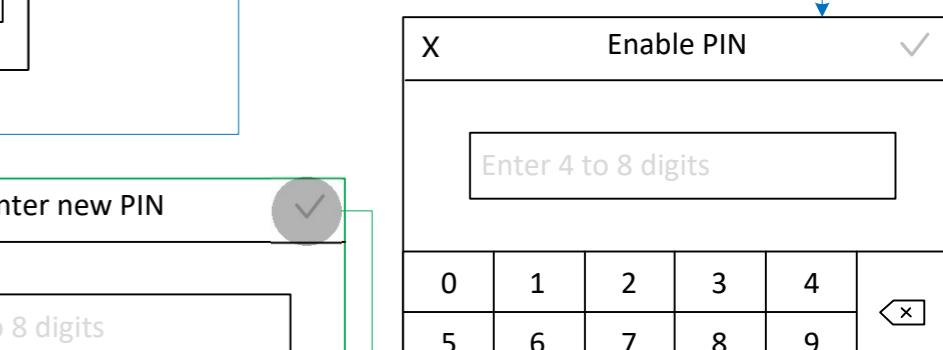
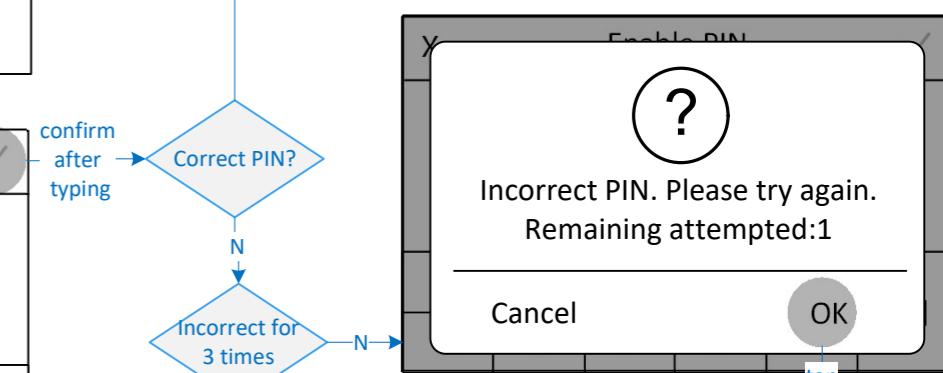
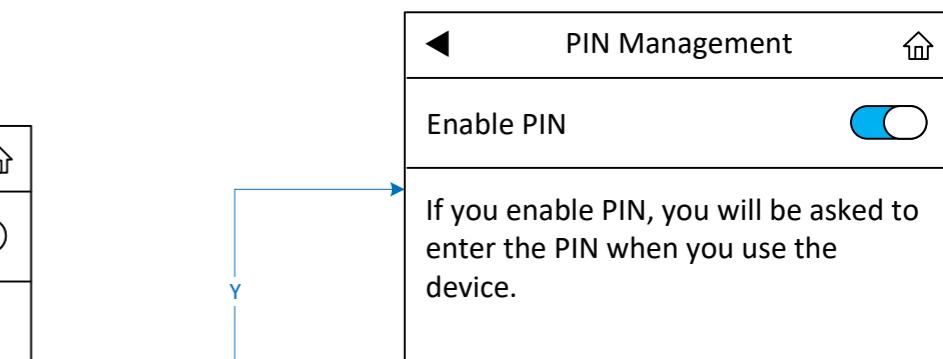
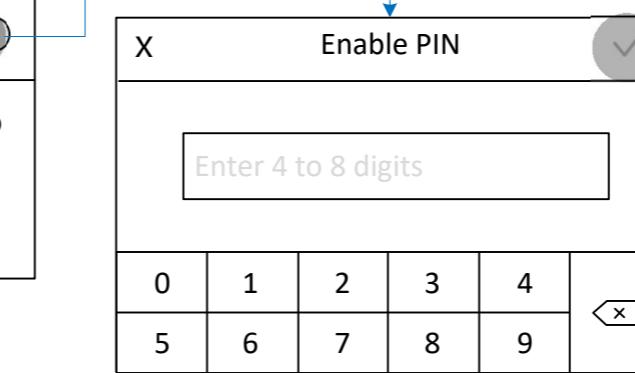
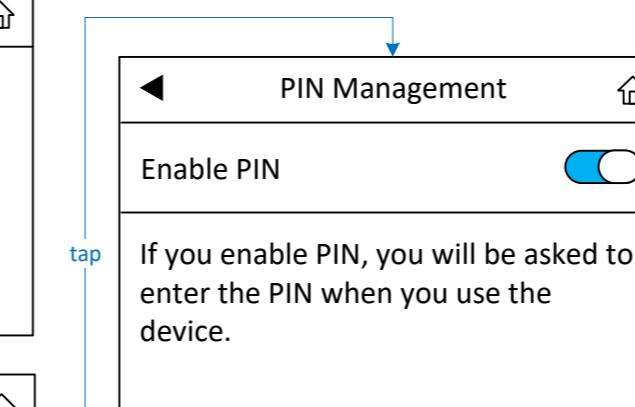
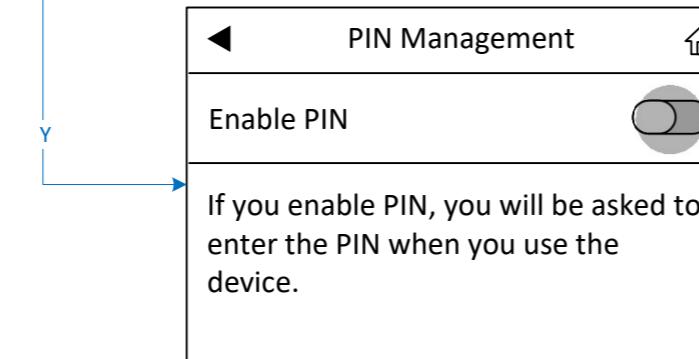
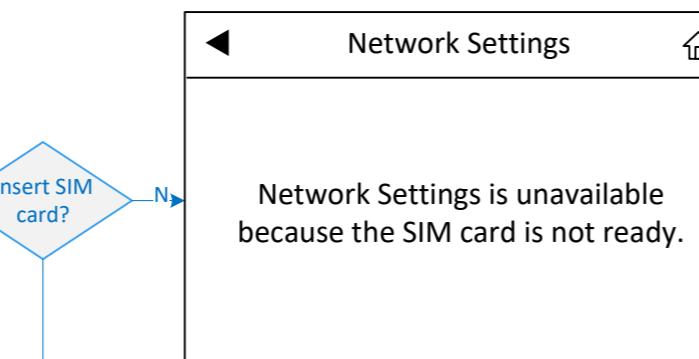
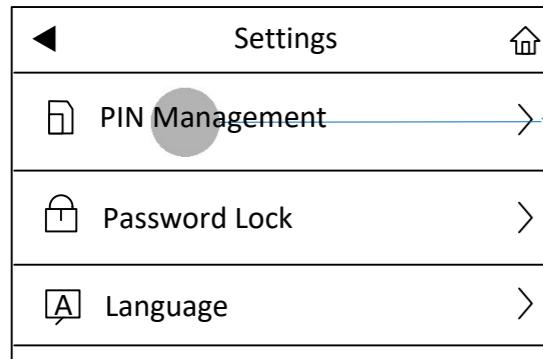
## Use case

## 6.Settings: Network Settings



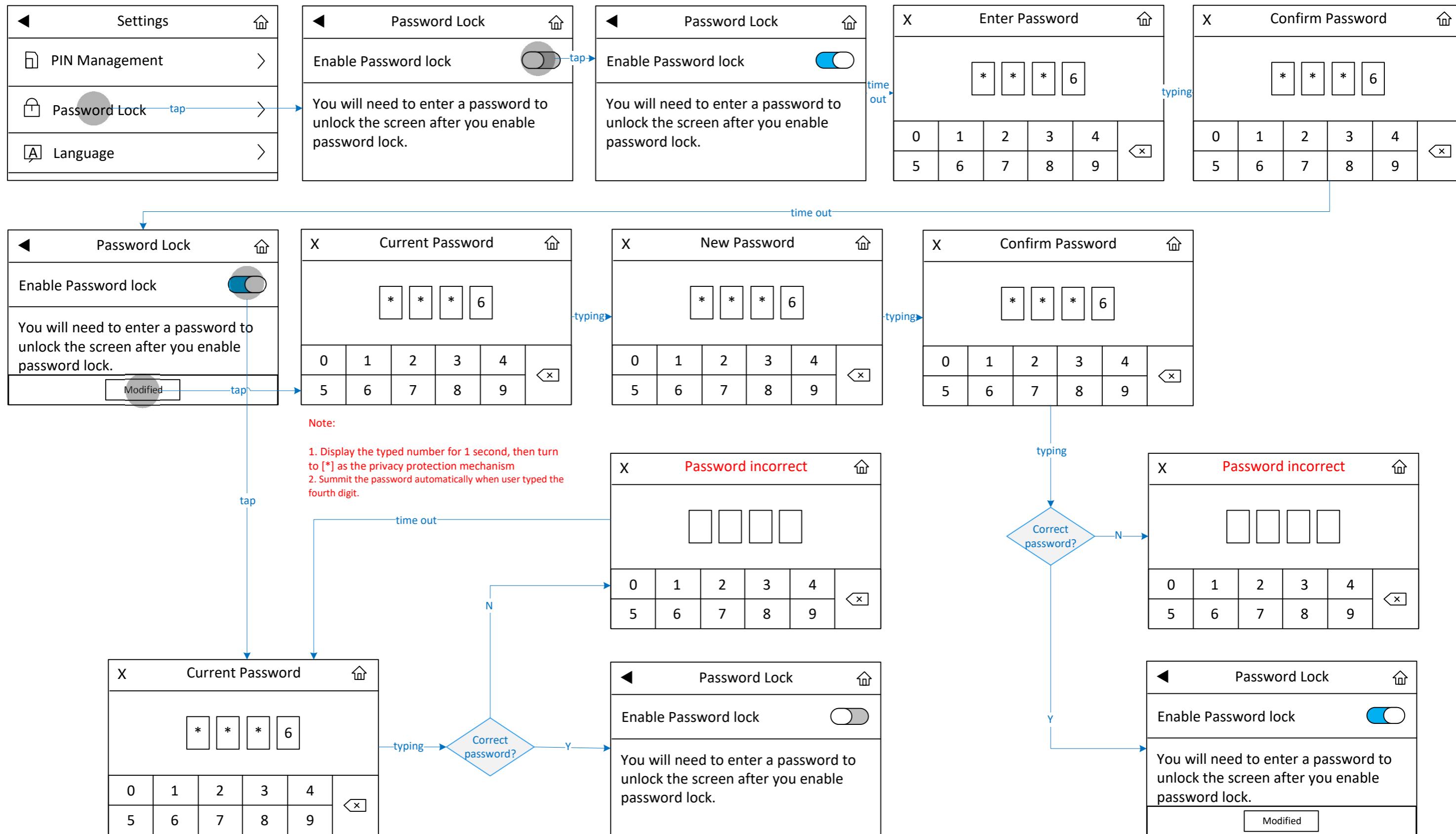
## Use case

## 6.Settings: PIN Management



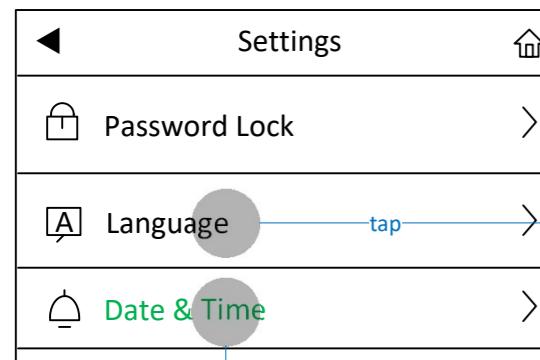
## Use case

## 6.Settings: Password Lock

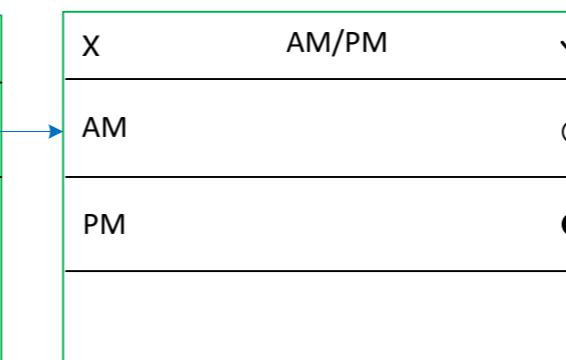
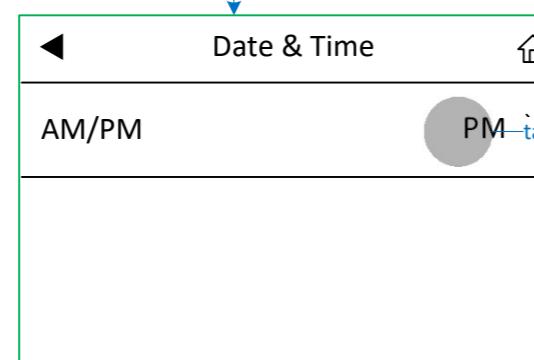
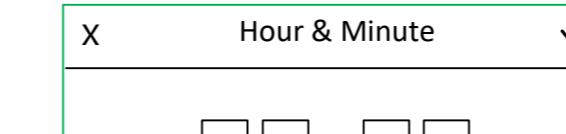
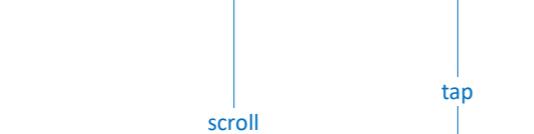
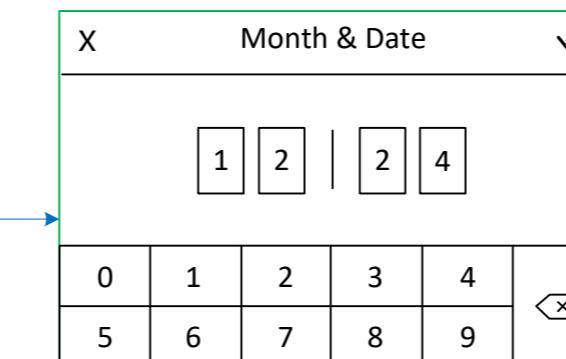
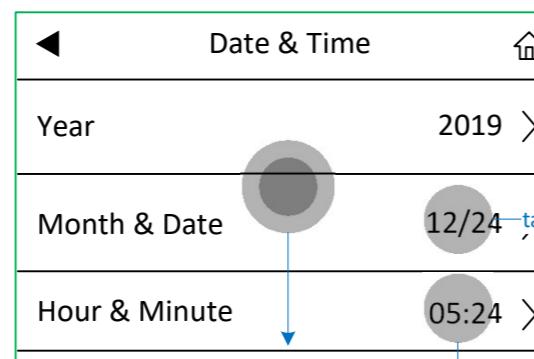
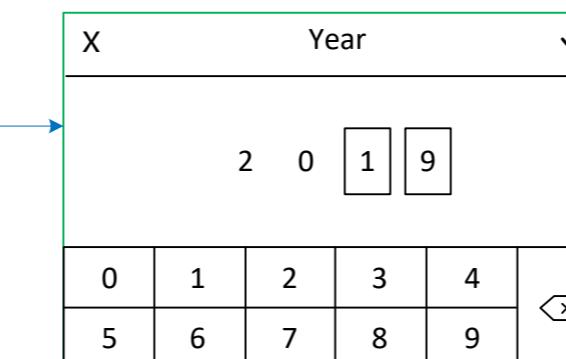
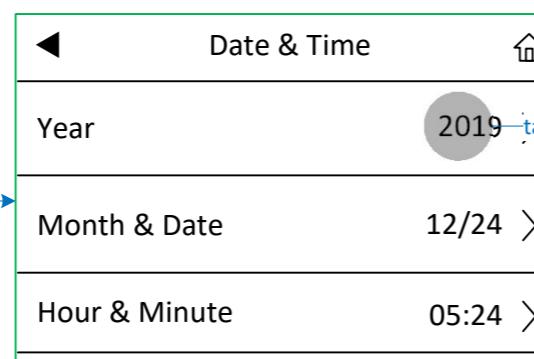
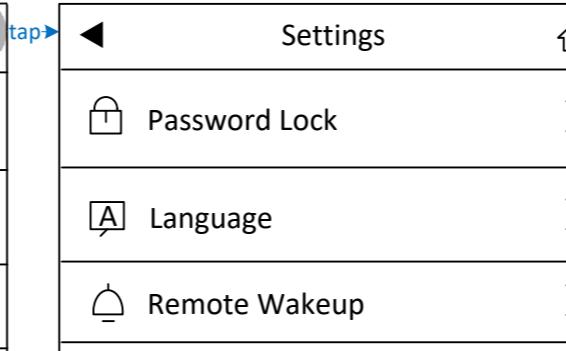
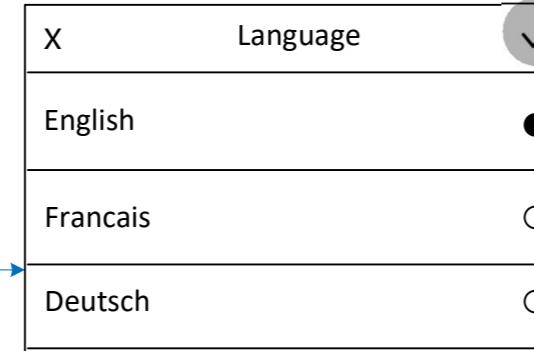


## Use case

## 6.Settings: System

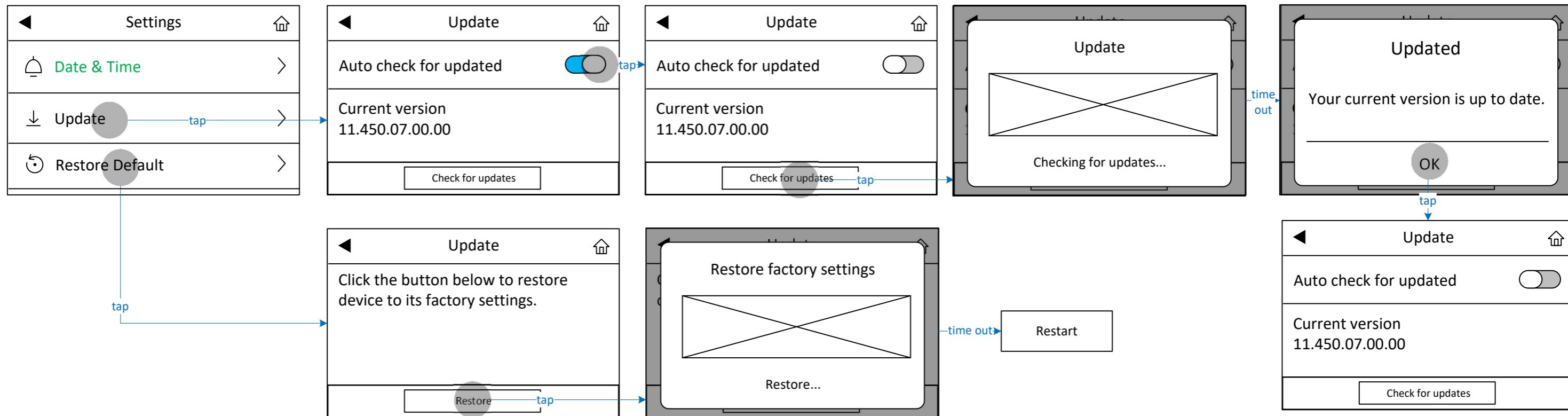


Note:  
About the language types, please reference to the device



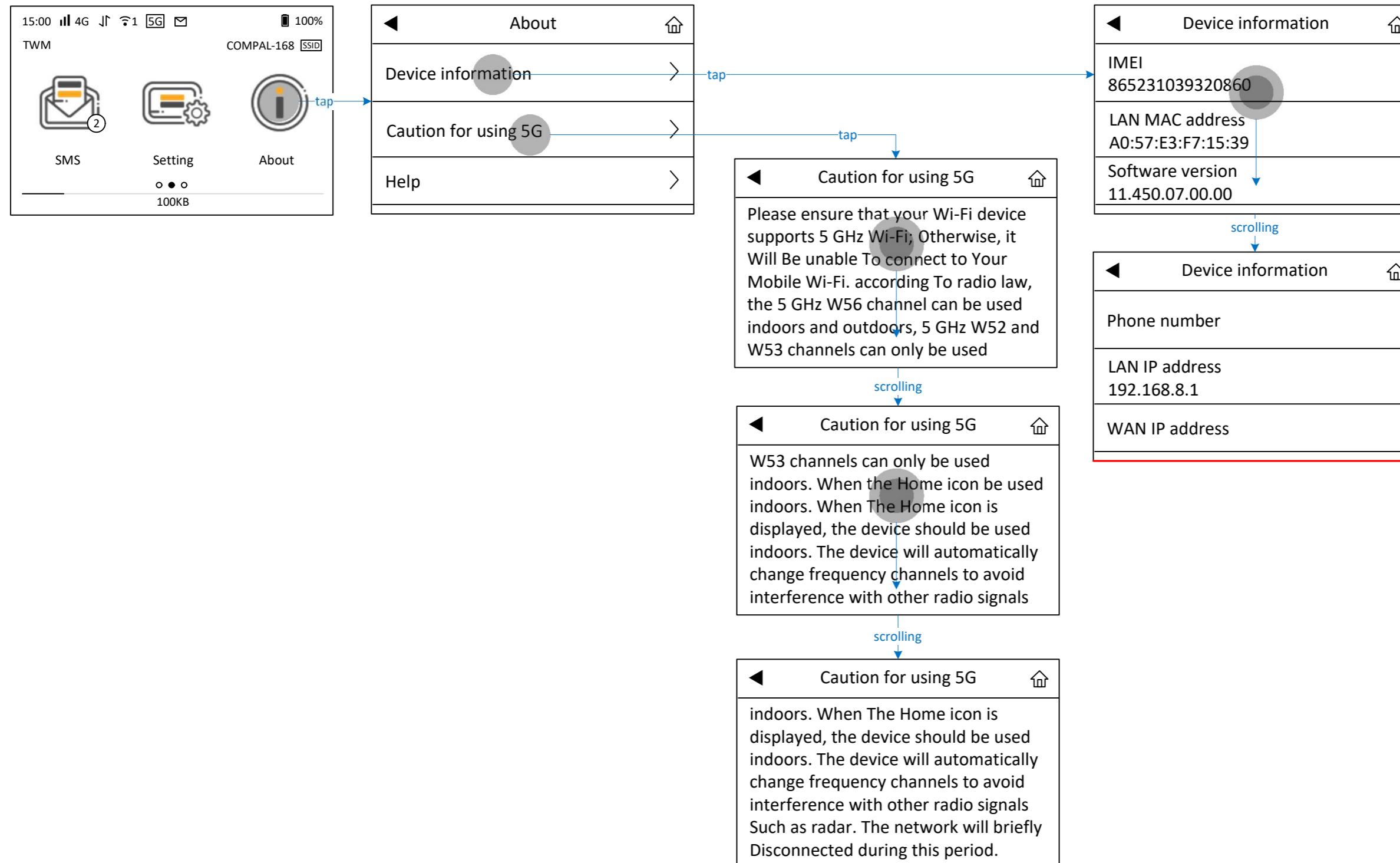
## Use case

6.Settings: Device



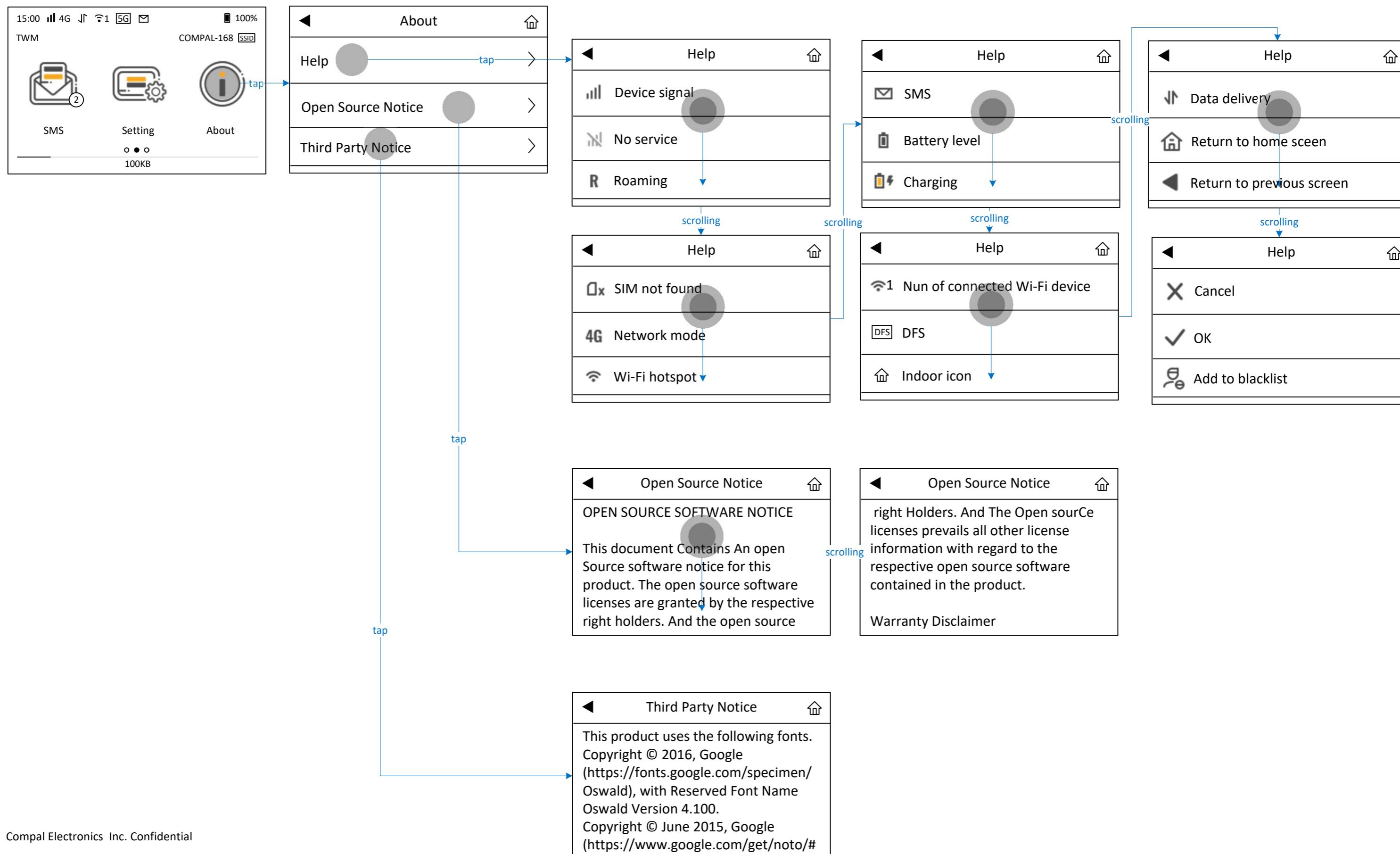
## Use case

## 7. About



## Use case

## 7. About



## Use case

## 8.Speedtest

