5G pocket router

UX Framework

Version 1.3

January 09, 2020

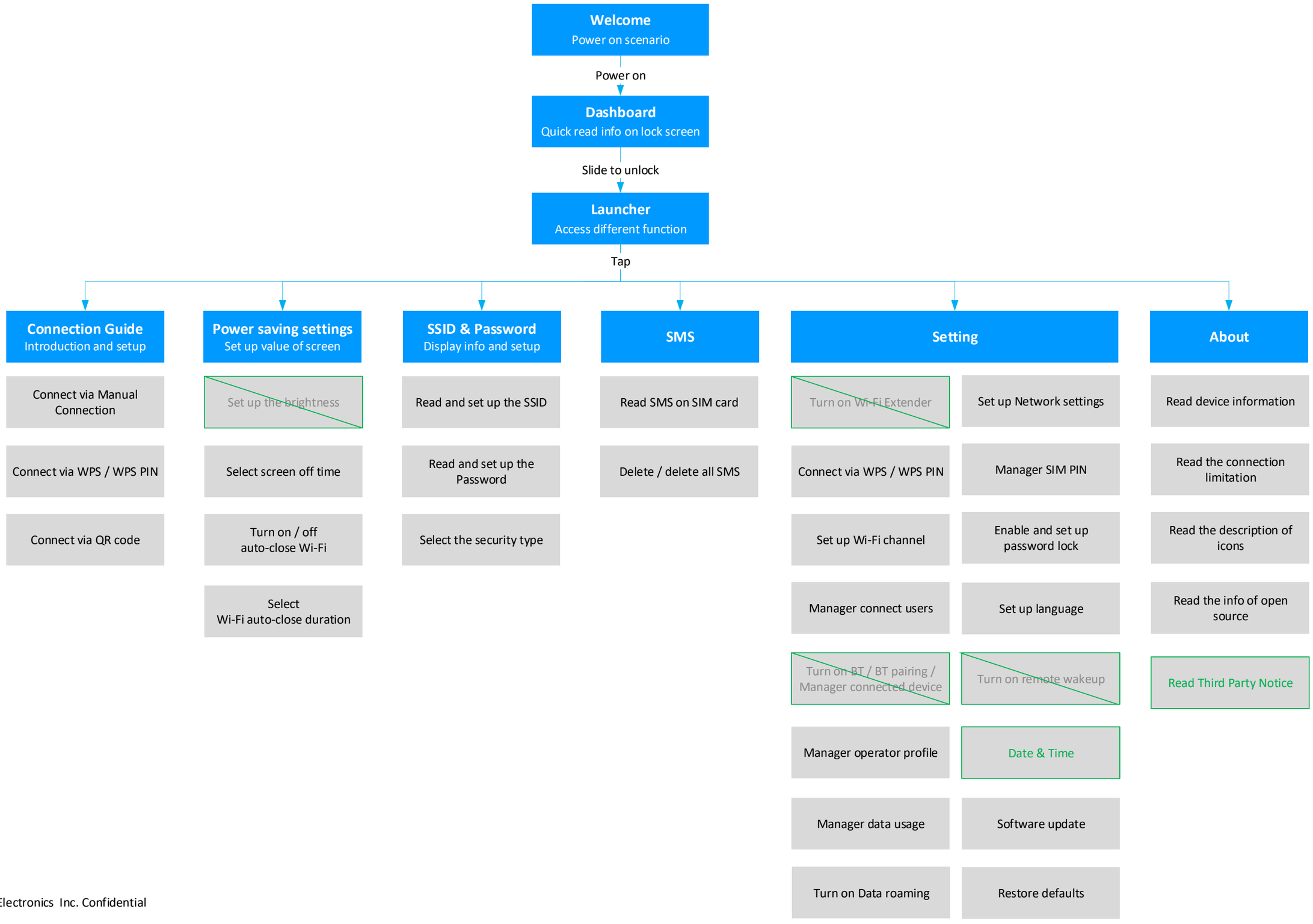
EID / AR / UI

Compal Electronics, Inc

Revision history

Rev.	Date	Description	Author
V 0.1	2019/02/25	• Internal release I	Winnie Chan
V 0.2	2019/03/07	• Internal release II	Winnie Chan
V 0.3	2019/03/18	• Revise the Launcher order. --P5,12 • Revise the typo of DMF as DFS. --P5 • Add back function when enter password. --P12 • Revise the status of tick, if none input. --P7,13,18 • Revise the status of delete, if none item.--P16 • Revise the string of input PUK.--P26 • Remove the item of Heat protection. --P30	Winnie Chan
V 0.4	2019/04/01	• Add the meta text description –p.9 • Remove the note and revise typo of Wi-Fi. –P10 • Add scroll bar condition list – P.11 • Revise the brightness list. –P15 • Add Wi-Fi extender status note. --P18 • Revise Bluetooth on condition. --P,19 • Add Home button condition.—P19 • Revise Bluetooth condition and add the remove list flow.--P21 • Remove the BT connection loading screen. –P22 • Add operator name to note and IME tick button condition –P.23 • Revise the pass code input condition –P.28	Gwynne Li
V 1.0	2019/10/25	• Separate WiFi setting with 2.4G & 5G. –p.3, 9, 18, 19 • Remove “Set Brightness” in Power Saving. –p.3, 15 • Remove “WiFi Extender” and “BT” in Settings. –p.3, 5, 9, 20, • Set tick button to inactive state if keyboard input was empty. –p.7, 16, 21 • Add “WiFi Enable/Disable” and “Hide SSID” option in WiFi Setting. –P.8, 10, 19 • Remove the note and revise typo of Wi-FiRemove “WiFi Band”. –P.10 • Remove QR code button. –p.14 • Separate 2,4G & 5G in SSID, Add SSID password visible. P.16 • Add edit button in header for profile management. P.21 • Remove “BT mac address” and “BT name” in Device Inforamtion. –p.28, 29	Winnie Chan
V 1.1	2019/12/11	• Remove symbol ‘. --P7 • Remove List menu scroll bar. --P11, 17 • Revise wording Wi-Fi 2.4G, Wi-Fi 5G. --P18, 19, 20, 21 • Revise the user name as Mac address. --p9, 20 • Add Third party notice. --P3, 29	Winnie Chan
V 1.2	2020/01/02	• Add Date & Time in settings. –P3, 27, 28 • Revise the behavior of change PIN. –P25	Winnie Chan
V 1.3	2020/01/09	• Remove scroll abr display rules –P17 • Remove speed test. –P31	Gwynne Li

Function Structure



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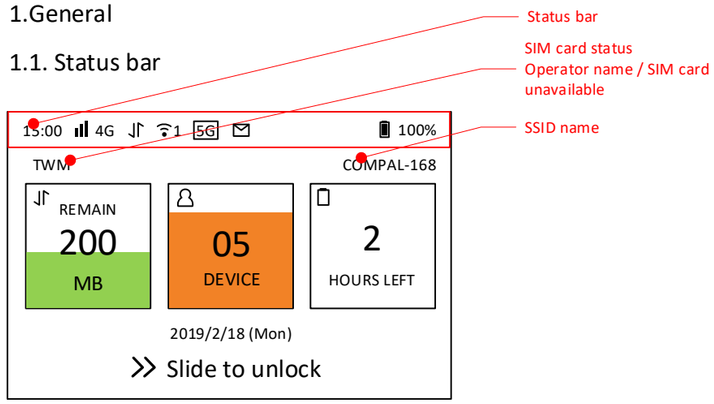
Wireframe

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

1	Connected Wi-Fi device (16)
~~1~~	~~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

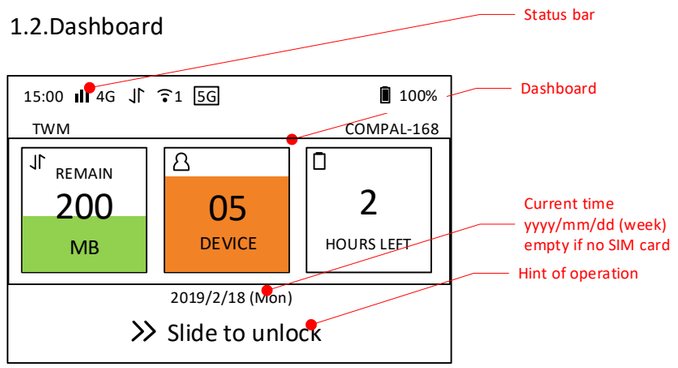
Others

DFS	DFS
	Indoor

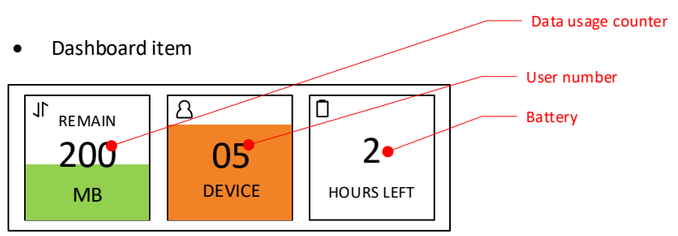
Battery level

100%	Battery level
10%	Charging

1.2.Dashboard

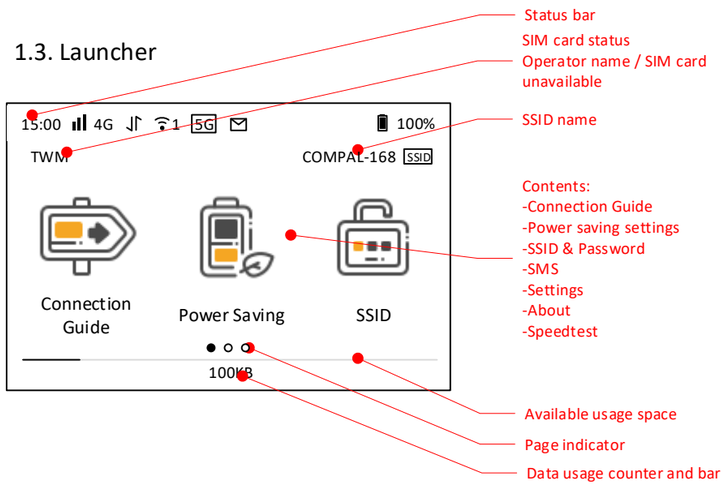


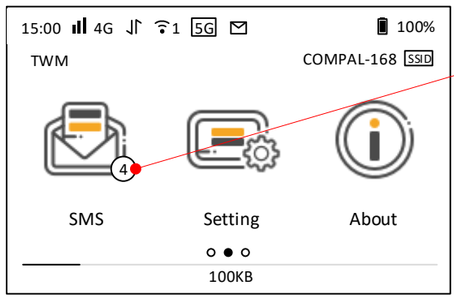
- Dashboard item

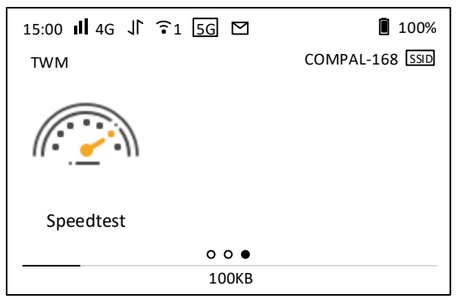


Note:
Real time display the information.
Read only
Data usage counter: Indicate the available space of data.
User number: Indicate the number of connected users.
Battery percent: Indicate the use of time of power.

1.3. Launcher





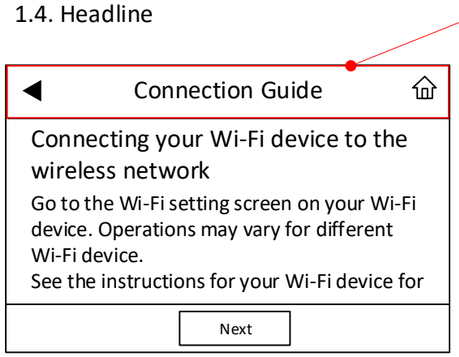


Note:
Slide to switch full page
Display an indicator icon with number on SMS

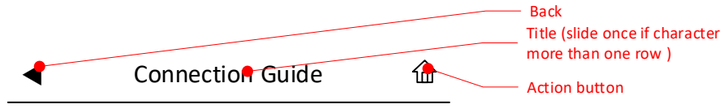
Wireframe

1.General

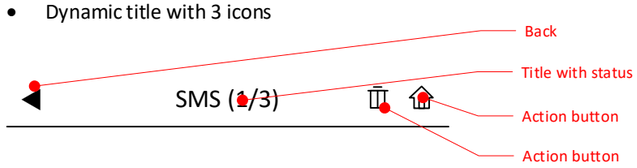
1.4. Headline



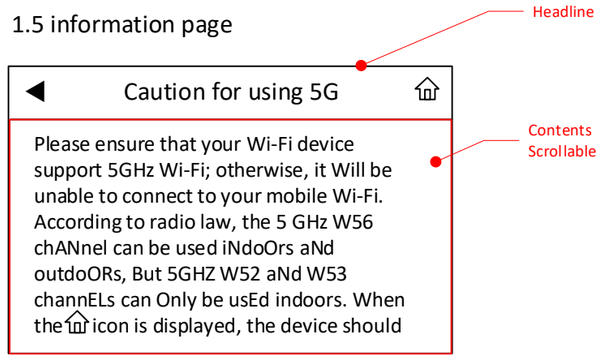
- Title with 2 icons

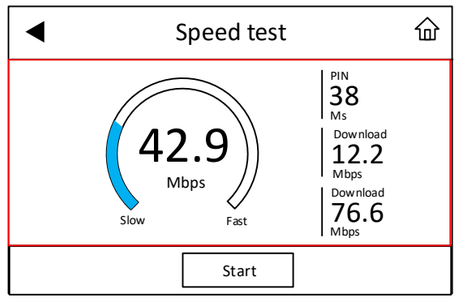


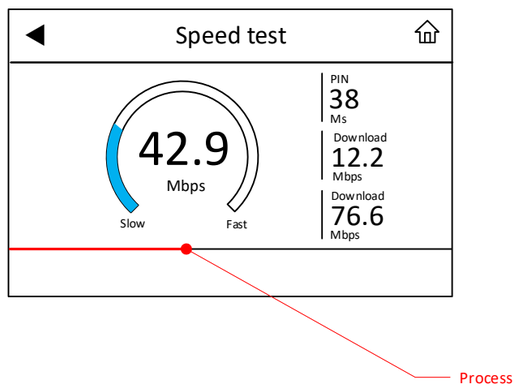
- Dynamic title with 3 icons



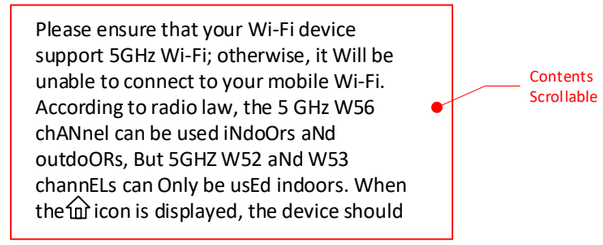
1.5 information page



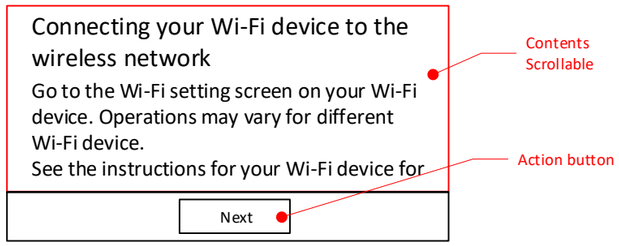


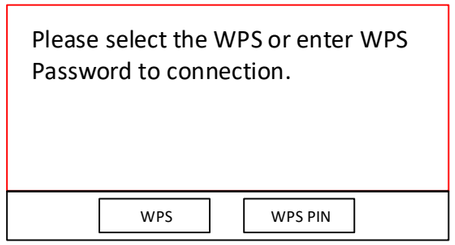


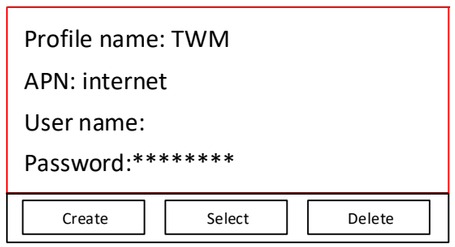
- Multi-page info



- Multi-page info with 1 action button





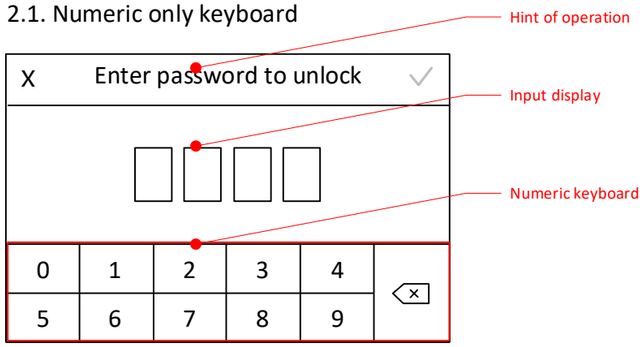


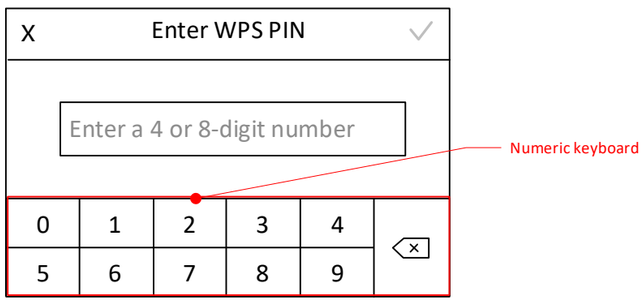
Note:
Display scroll bar while scrolling.
Display effect if scroll to top or bottom.
Action button will always show on top while scrolling

Wireframe

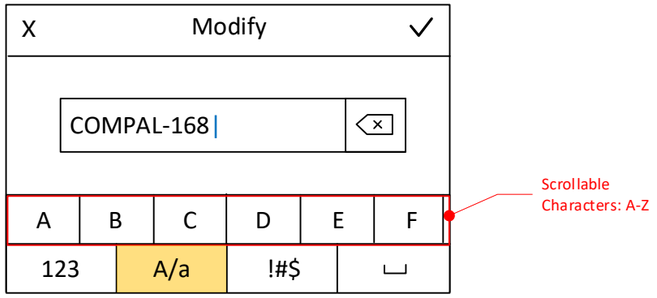
2.Input method

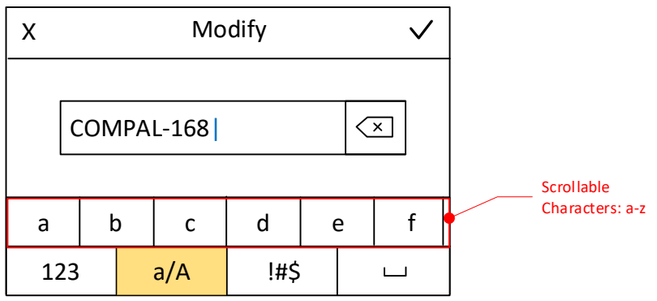
2.1. Numeric only keyboard

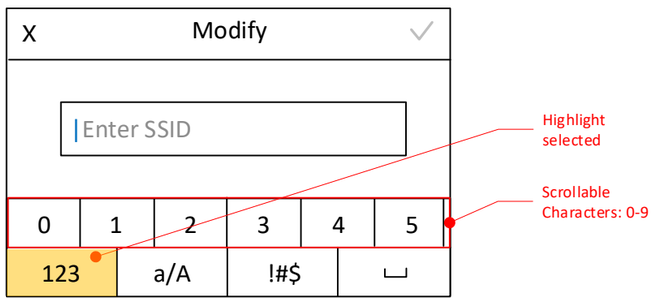




2.2. Abc / 123 keyboard

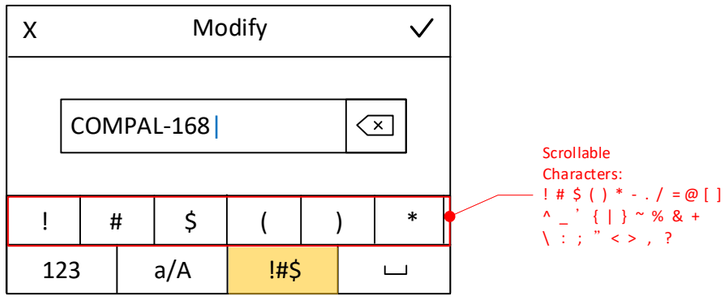






Note:
The area of number / characters can be scrolled (no loop)

2.3. Symbol keyboard

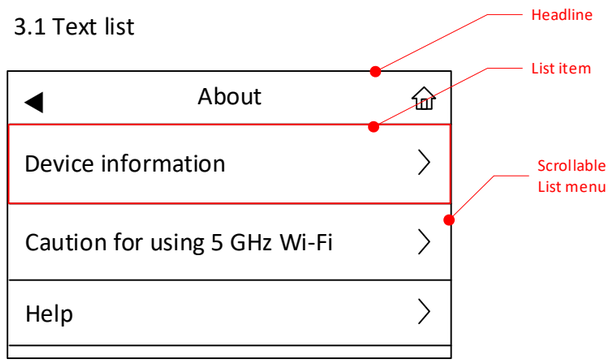


Note:
The area of symbol can be scrolled (no loop)

Wireframe

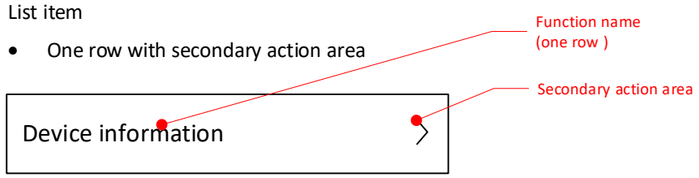
3.List menu

3.1 Text list

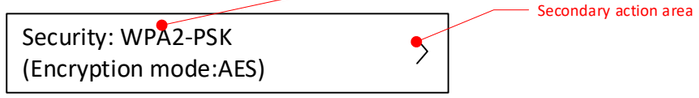


List item

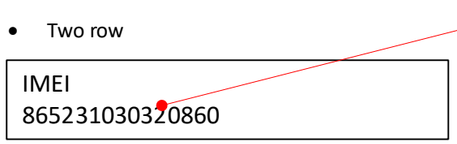
- One row with secondary action area



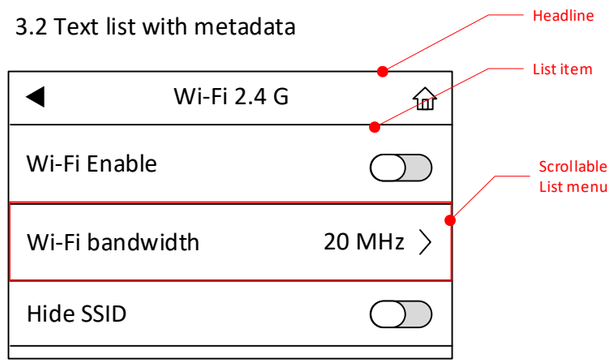
- Two row with secondary action area



- Two row

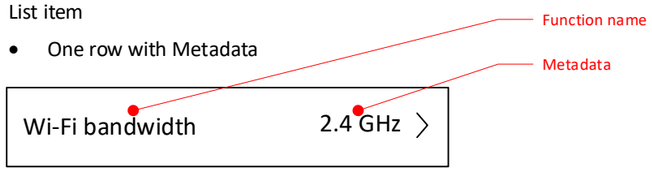


3.2 Text list with metadata

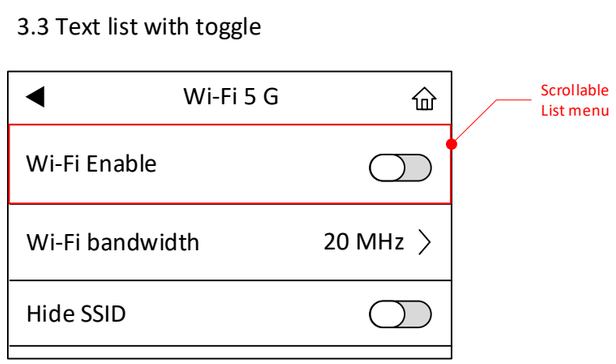


List item

- One row with Metadata

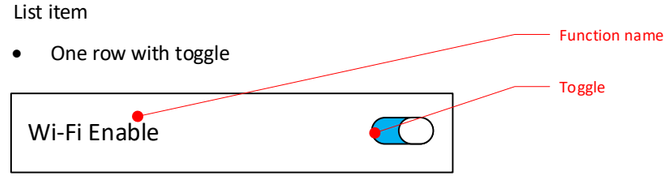


3.3 Text list with toggle



List item

- One row with toggle



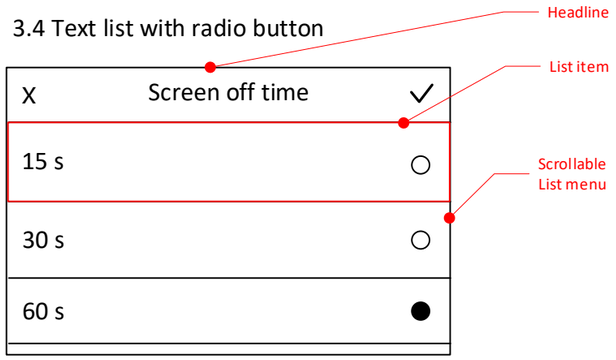
- Two row with toggle

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.

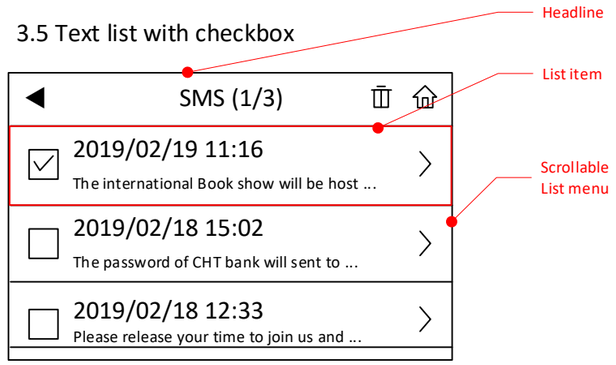
Wireframe

3.List menu

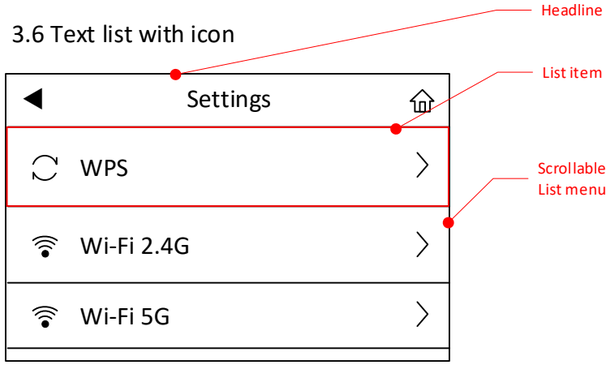
3.4 Text list with radio button



3.5 Text list with checkbox

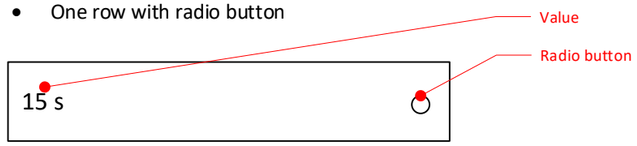


3.6 Text list with icon



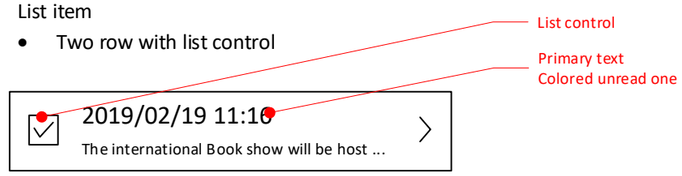
List item

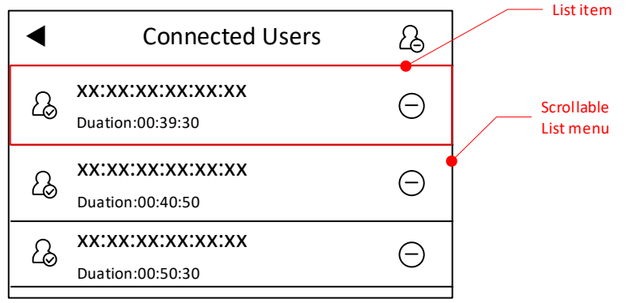
- One row with radio button



List item

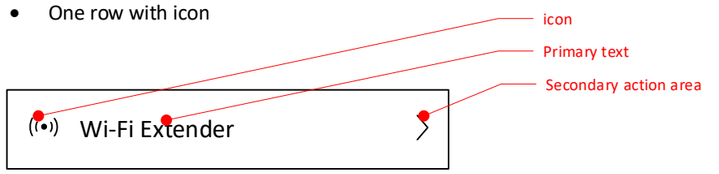
- Two row with list control



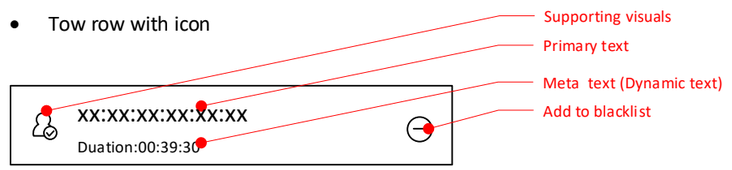


List item

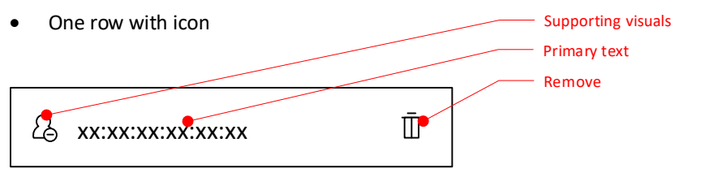
- One row with icon



- Tow row with icon



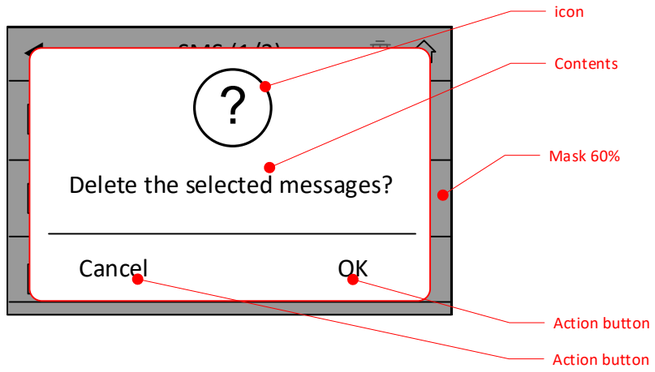
- One row with icon



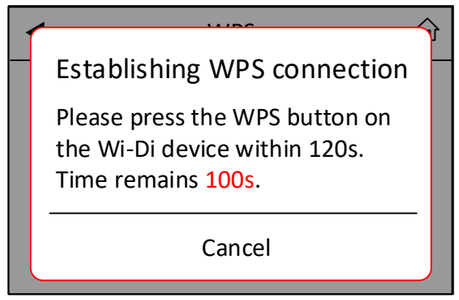
Wireframe

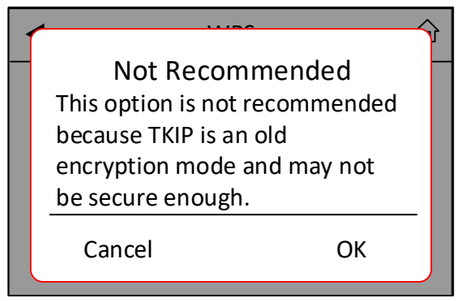
4.Popup

4.1. Confirm

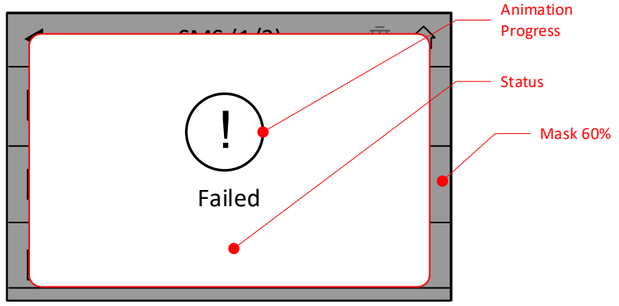


4.2. Information

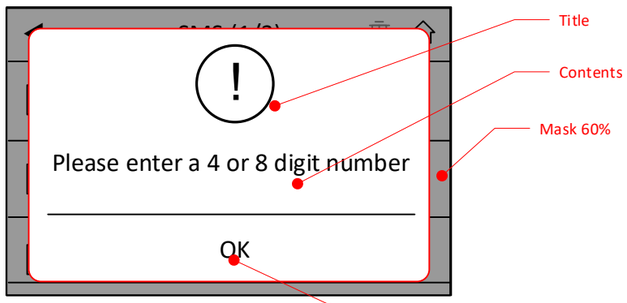




4.3. Warning



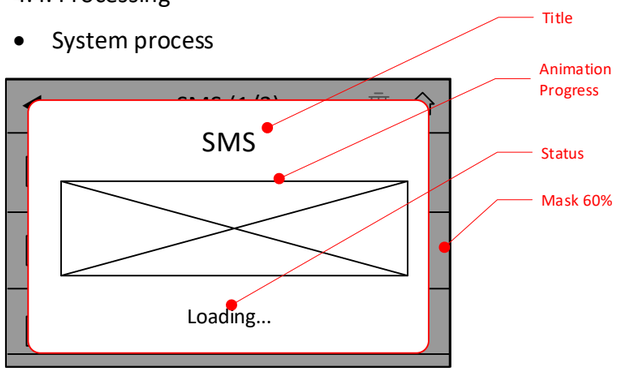
Note:
This will auto time out after 1.5 sec



Note:
Press to back to the previous page

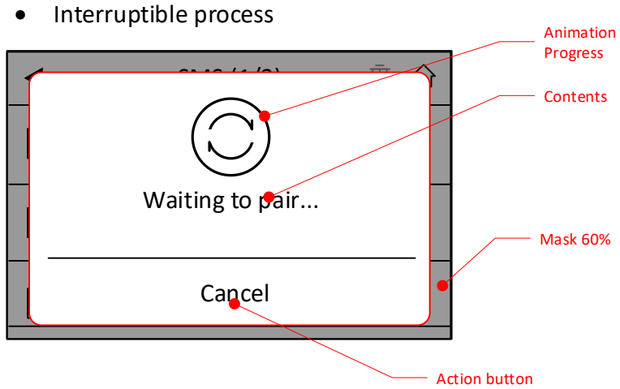
4.4. Processing

- System process

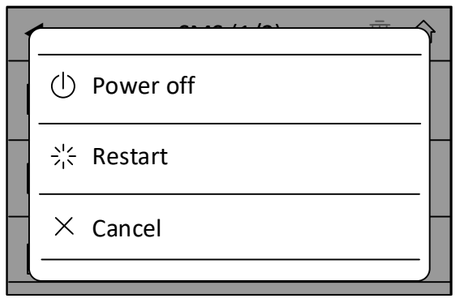


Note:
Finish after system process completed

- Interruptible process



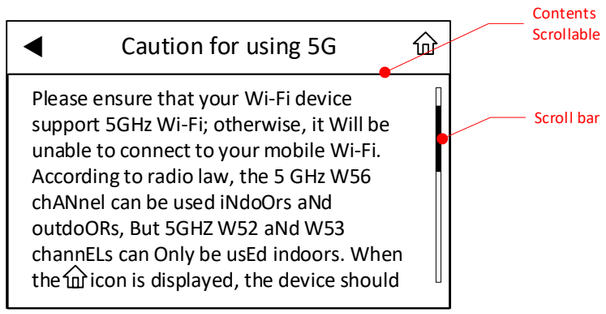
4.5. Power manager



Wireframe

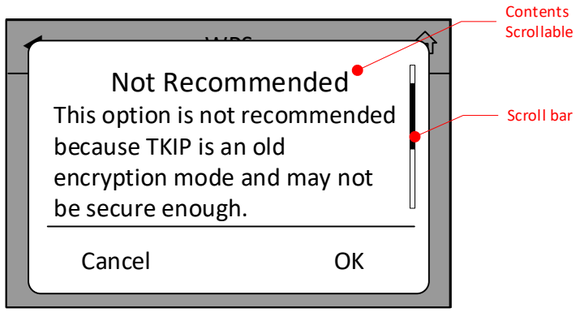
5. Scroll bar

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

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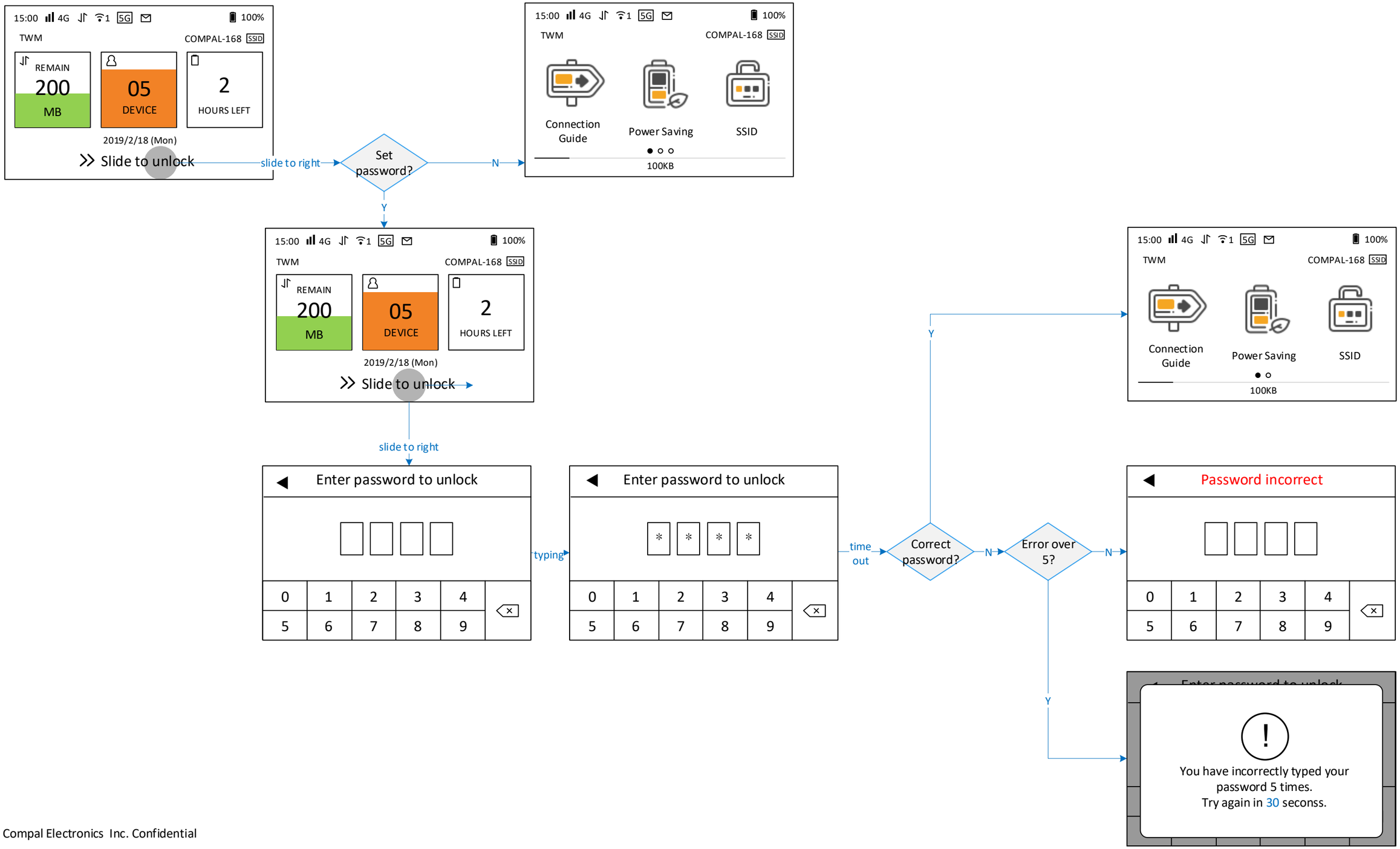
Use case

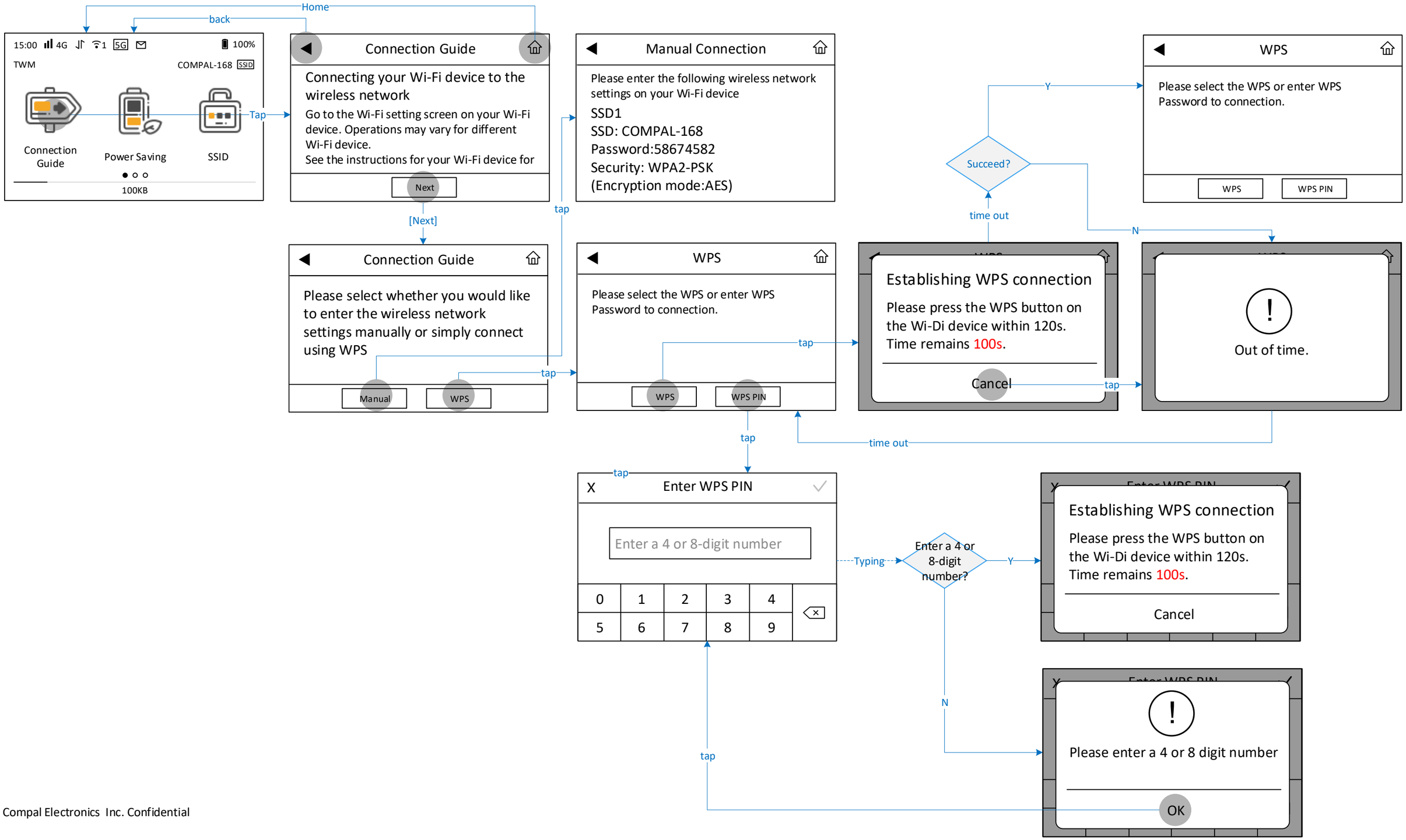
1.Unlock screen



Use case

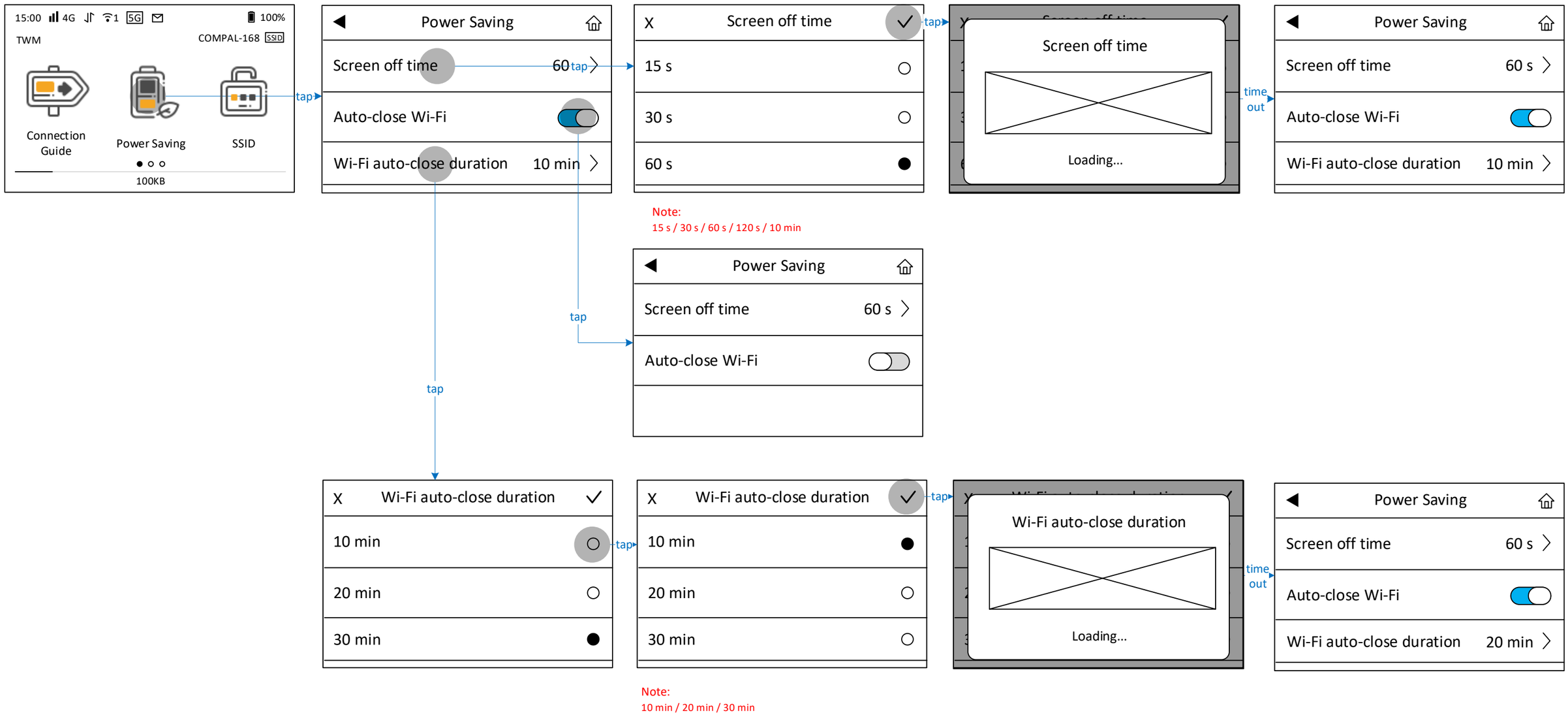
2.Connection Guide

2.1. Connect via different method



Use case

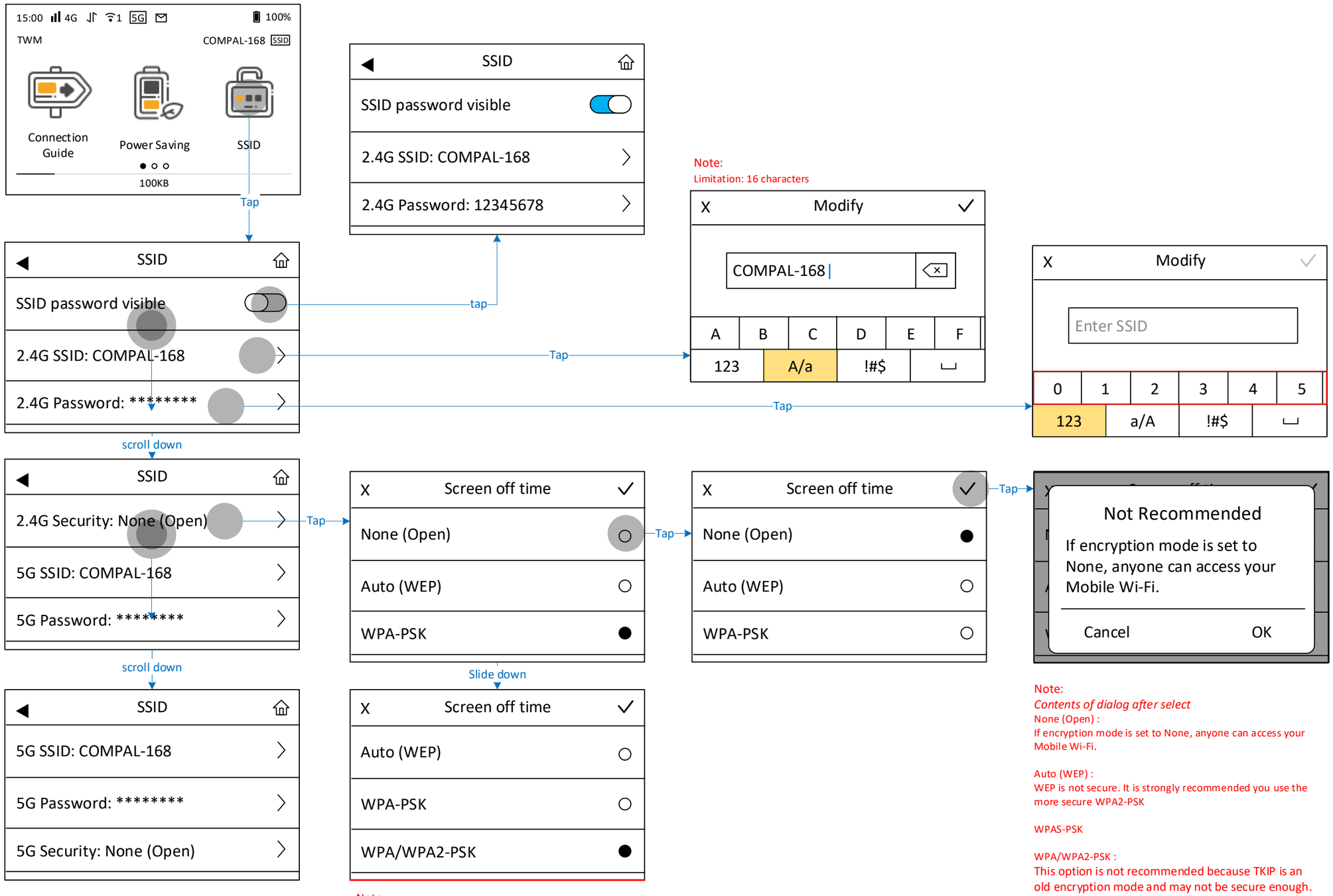
3.Power saving settings



Use case

4.Connection Guide

4.1. Connect via different method



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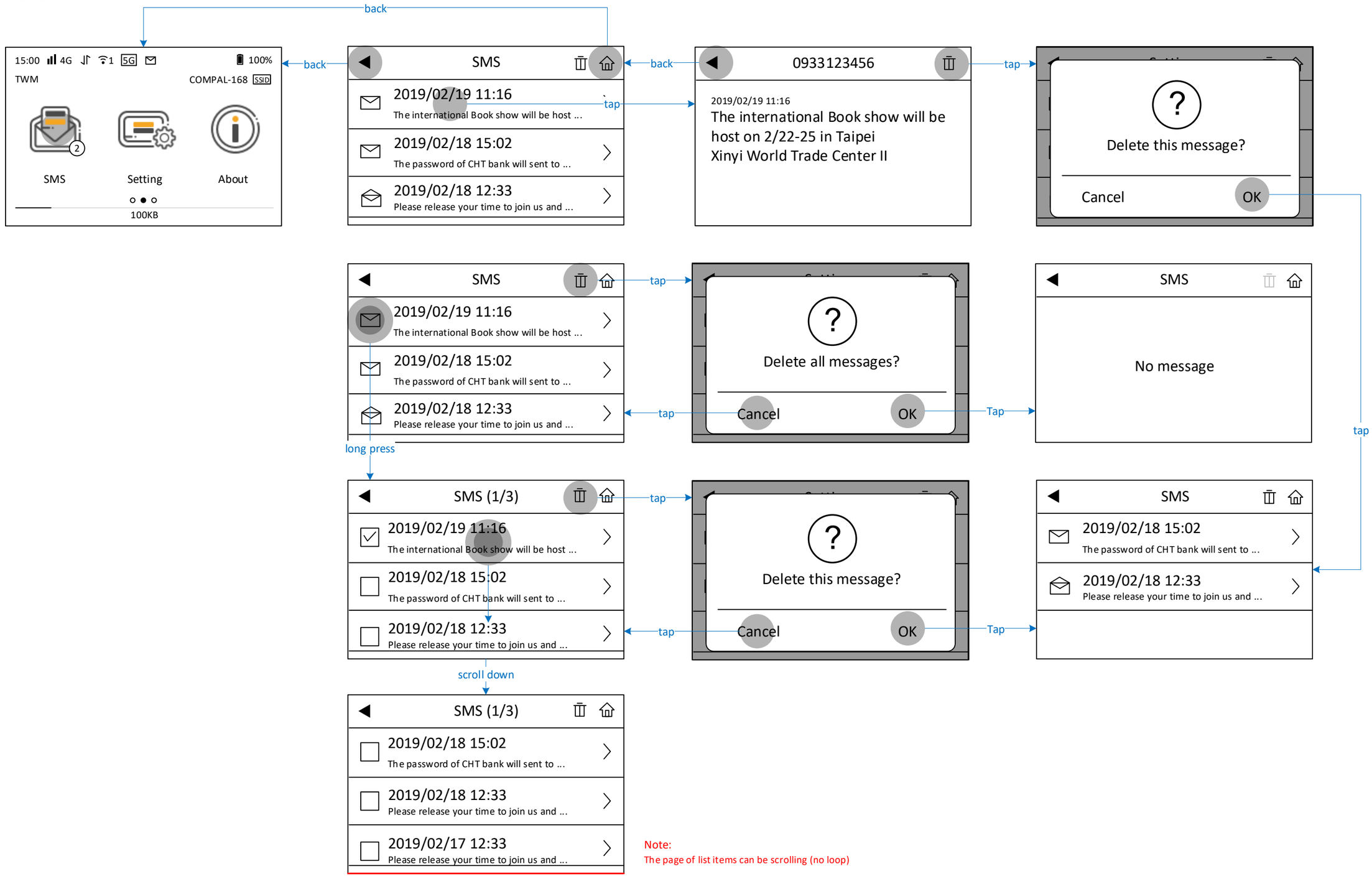
Use case

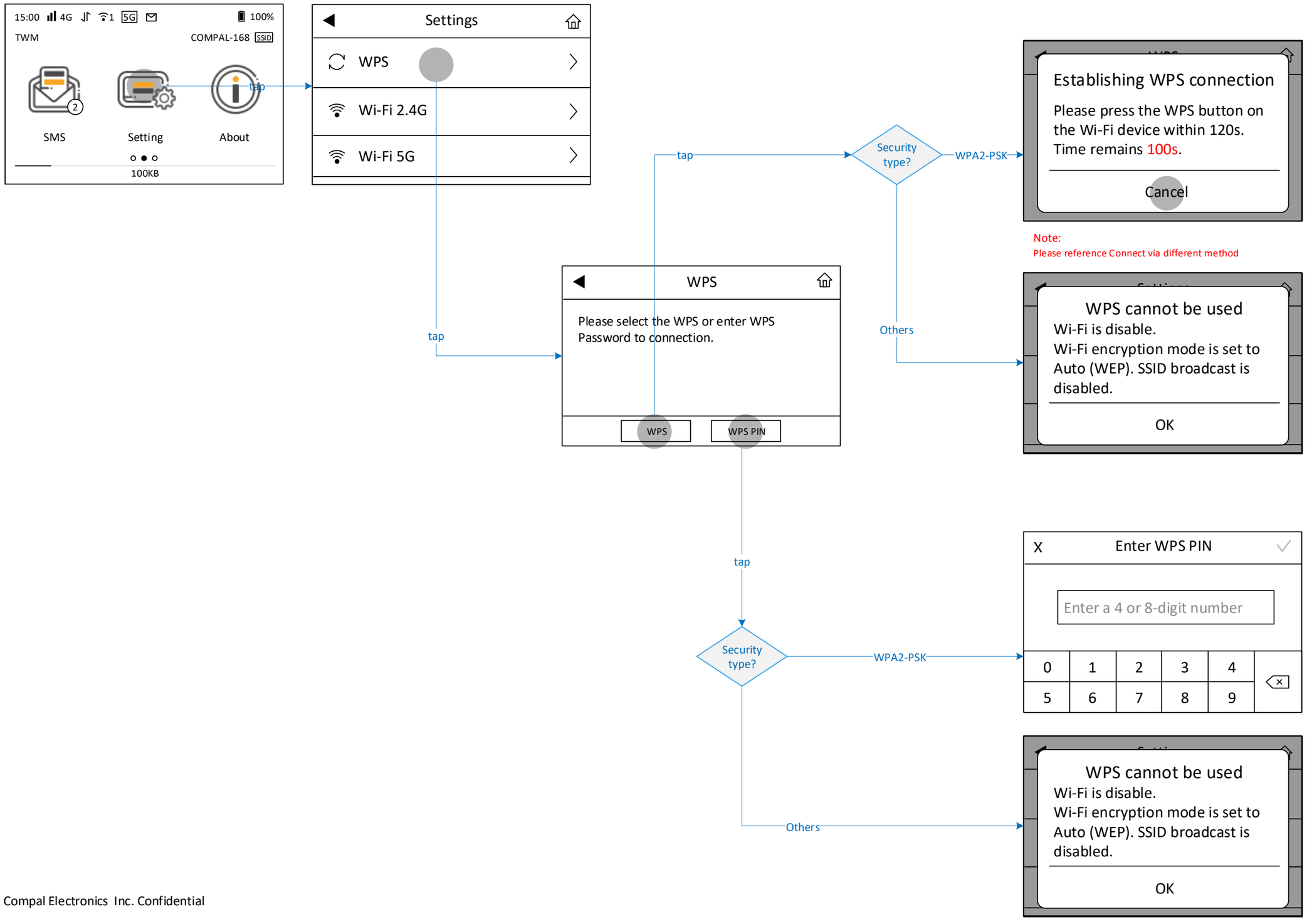
5.SMS



Note:
The page of list items can be scrolling (no loop)

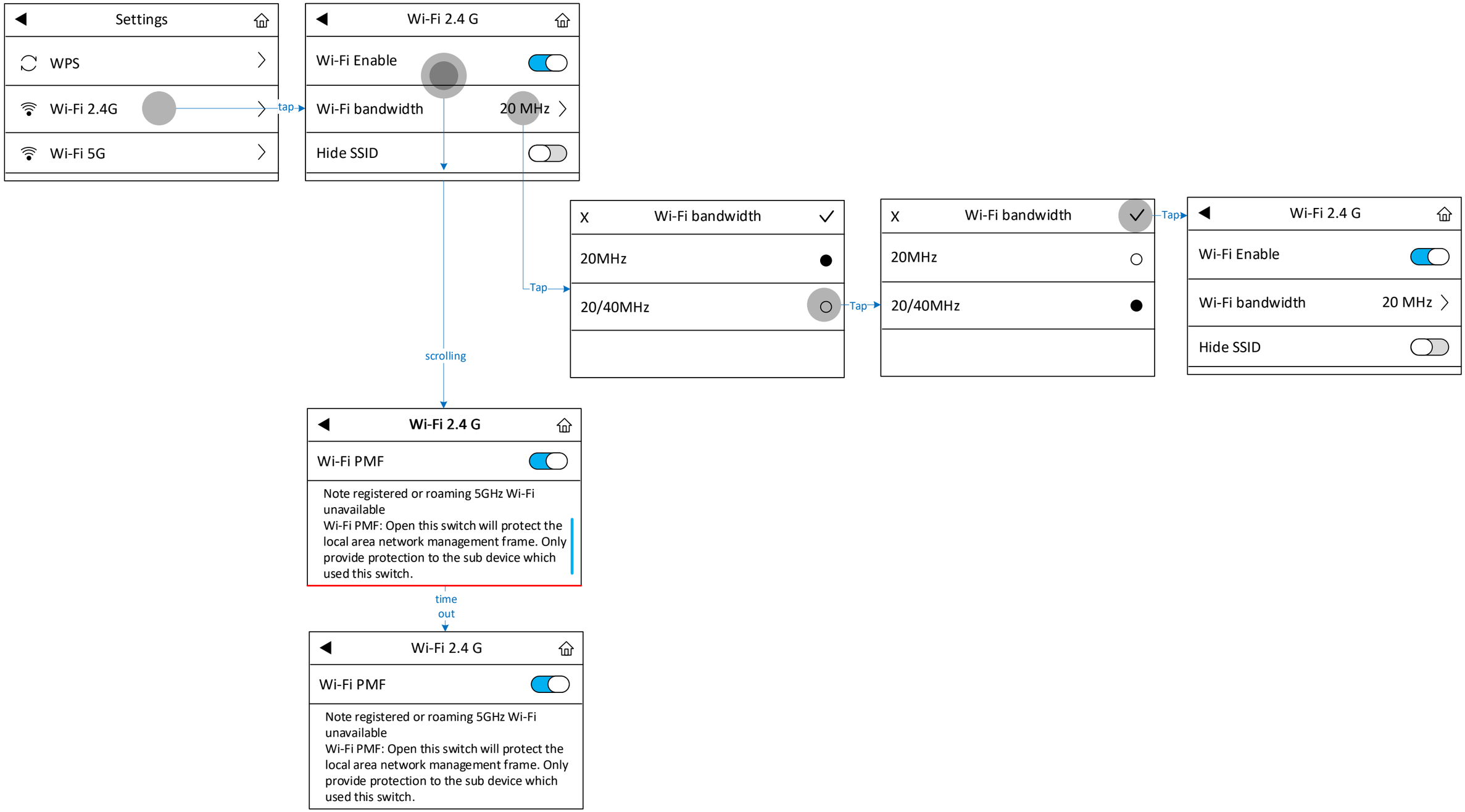
Use case

6.Settings: WPS



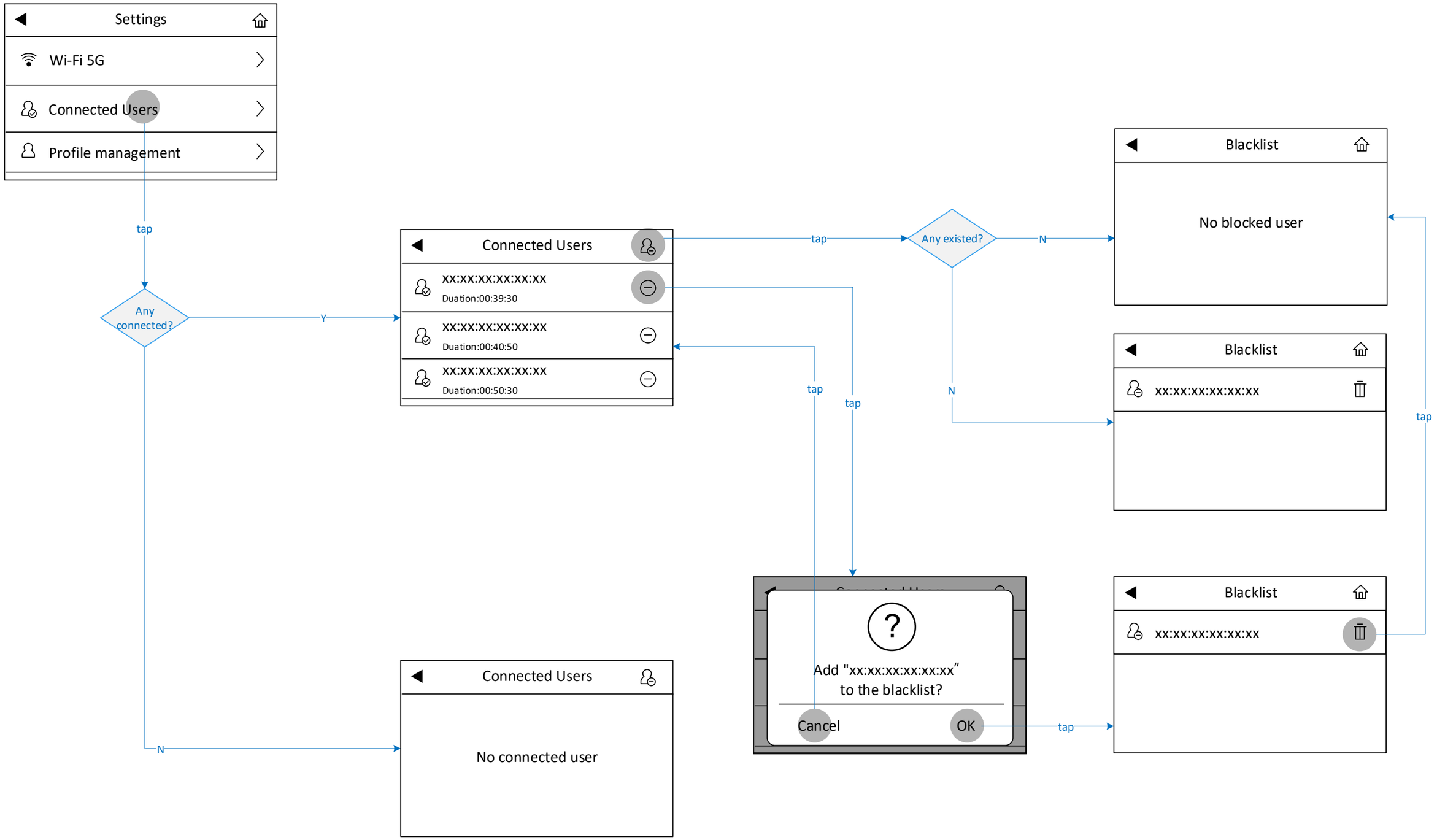
Use case

6.Settings: WiFi



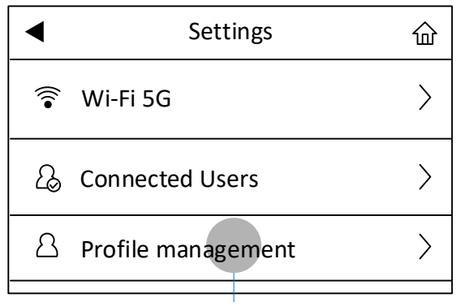
Use case

6.Settings: Connection

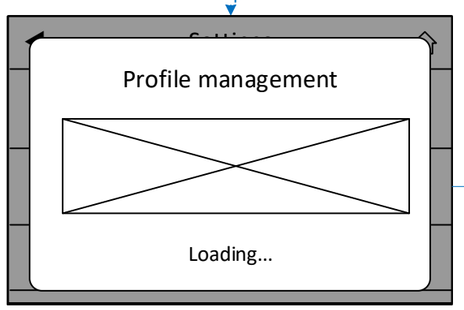


Use case

6.Settings: Profile management



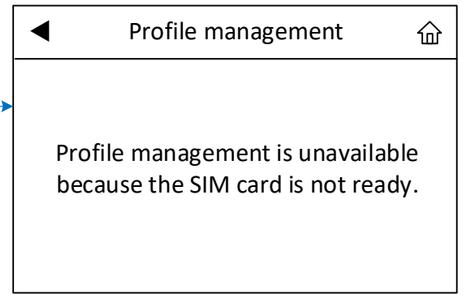
tap



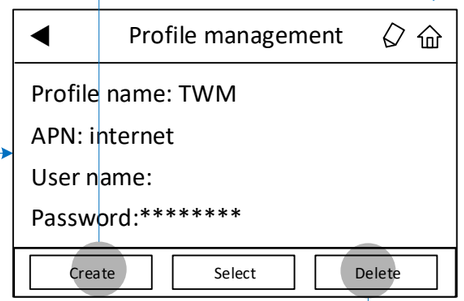
time out

Insert SIM?

N

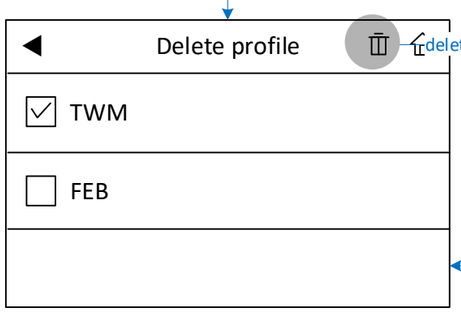


Y

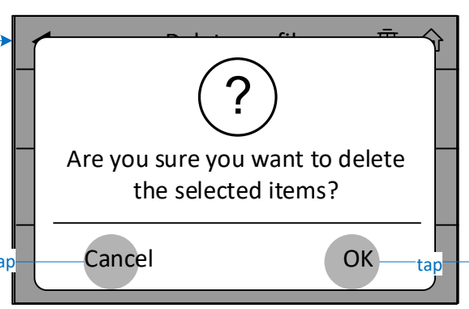


Note:
Profile name: operator name

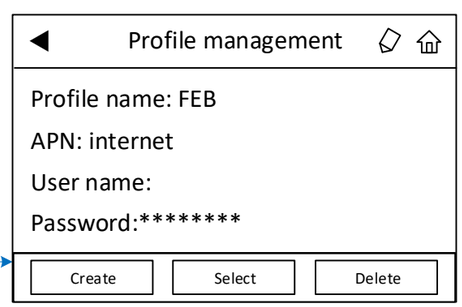
tap



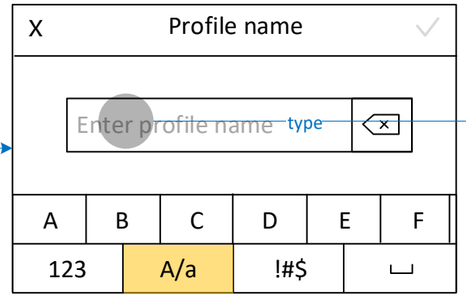
delete

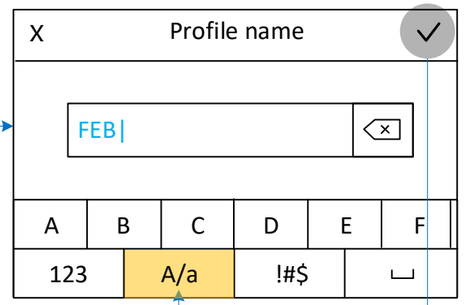


tap



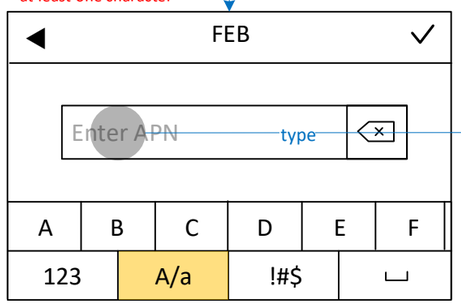
tap

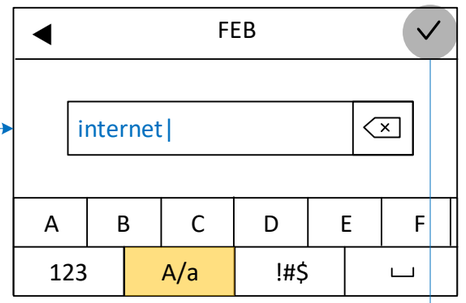




Note:
Enable the tick button with at least one character

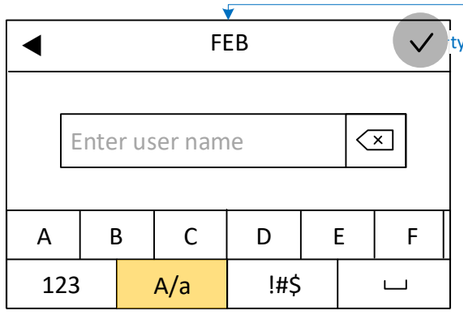
tap



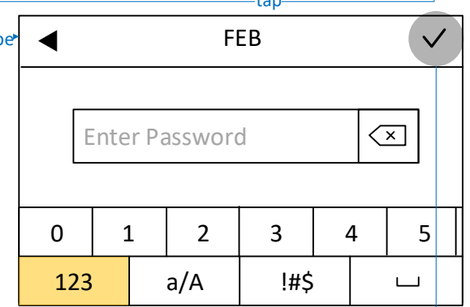


tap

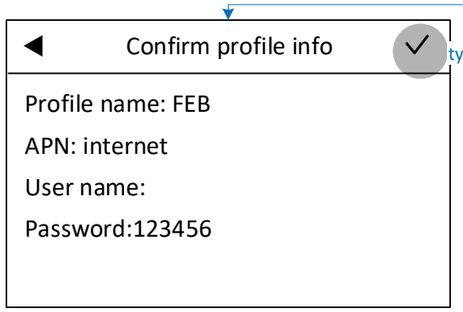
tap



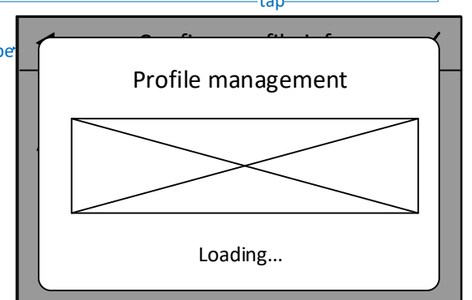
type



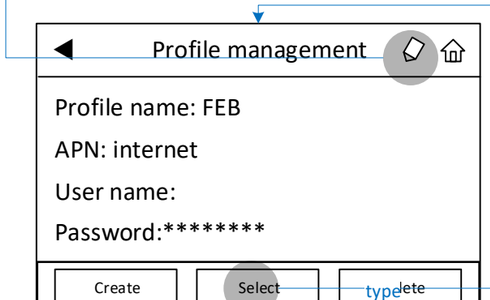
tap

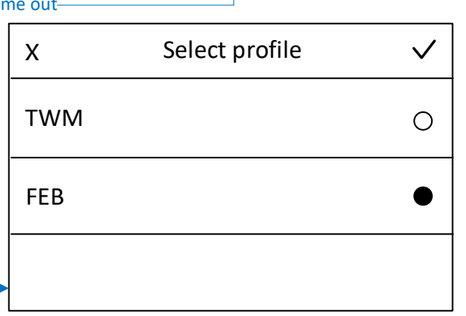


type



time out





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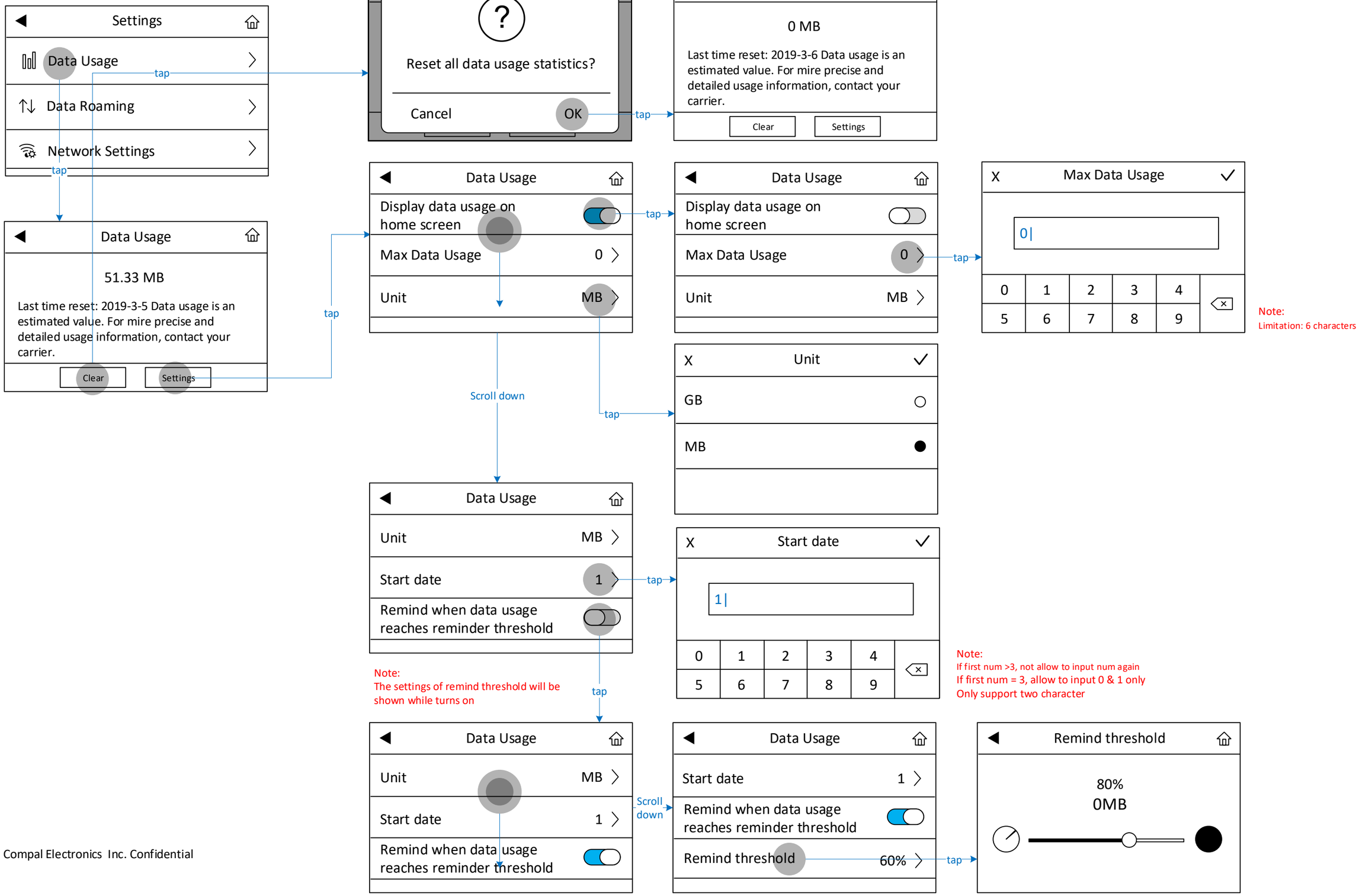
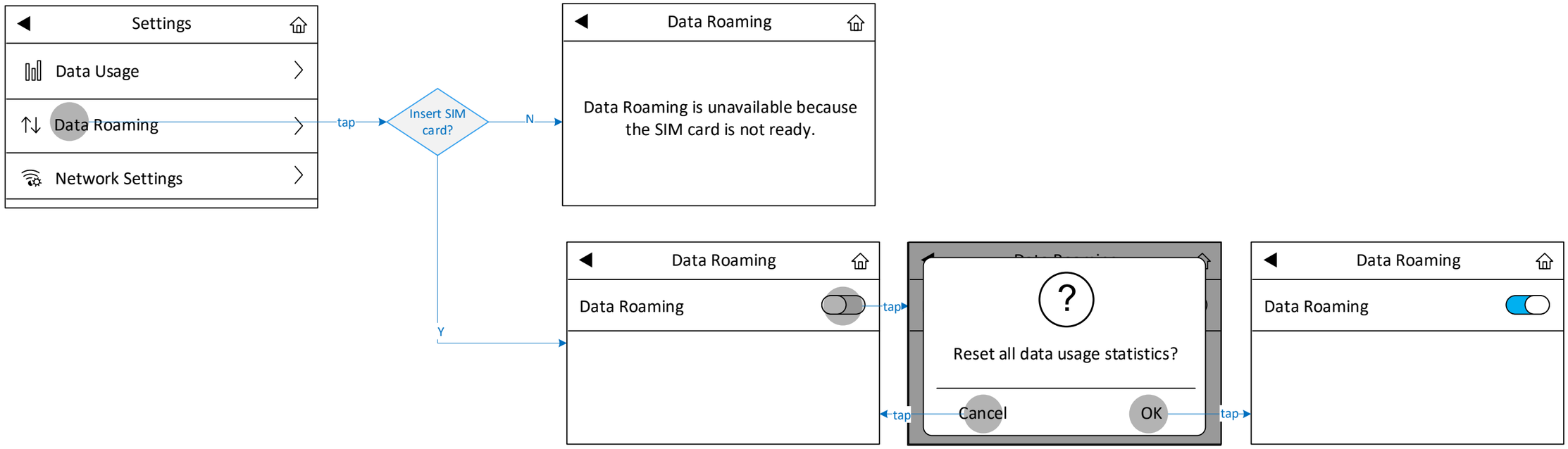
Use case

6.Settings: Data usage



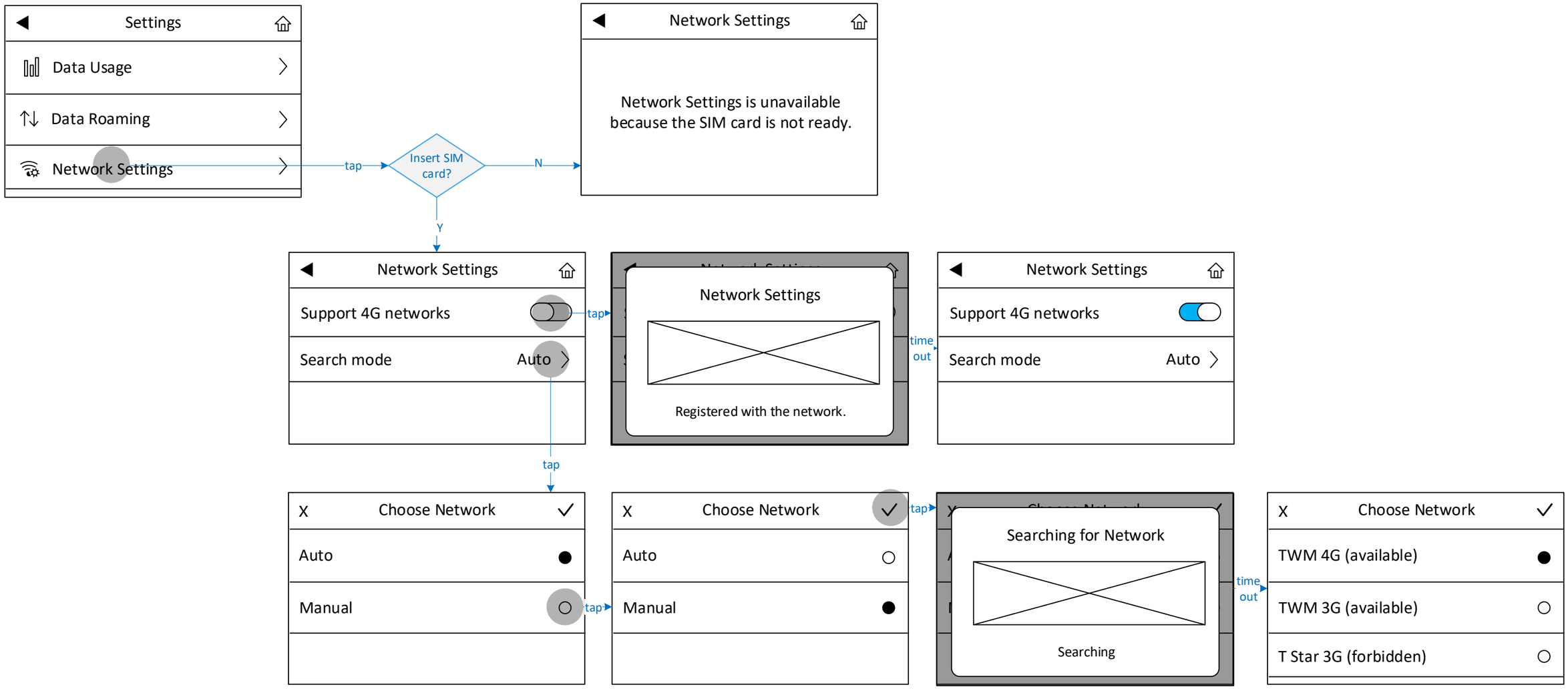
Use case

6.Settings: Data Roaming



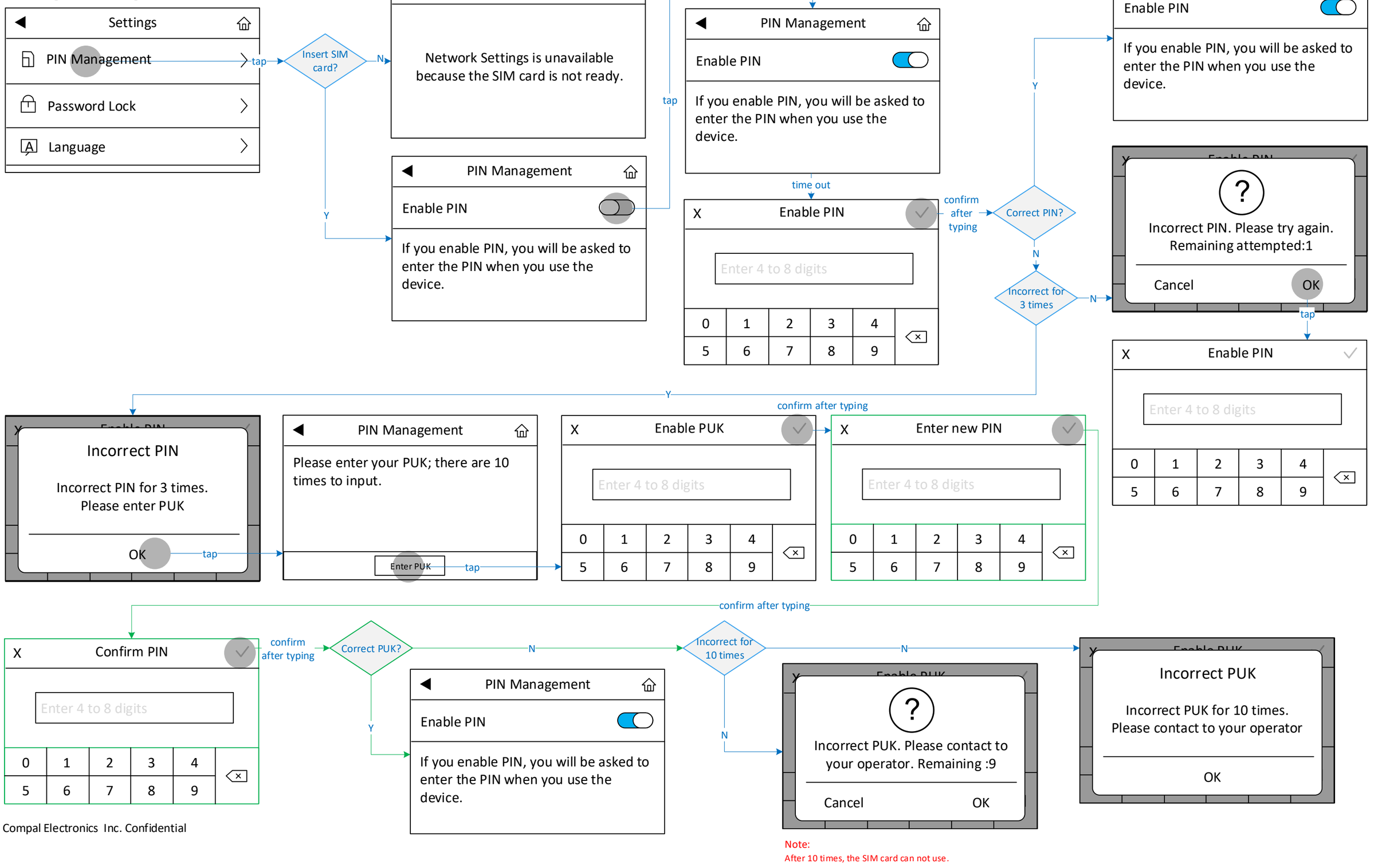
Use case

6.Settings: Network Settings



Use case

6.Settings: PIN Management



Note:
After 10 times, the SIM card can not use.

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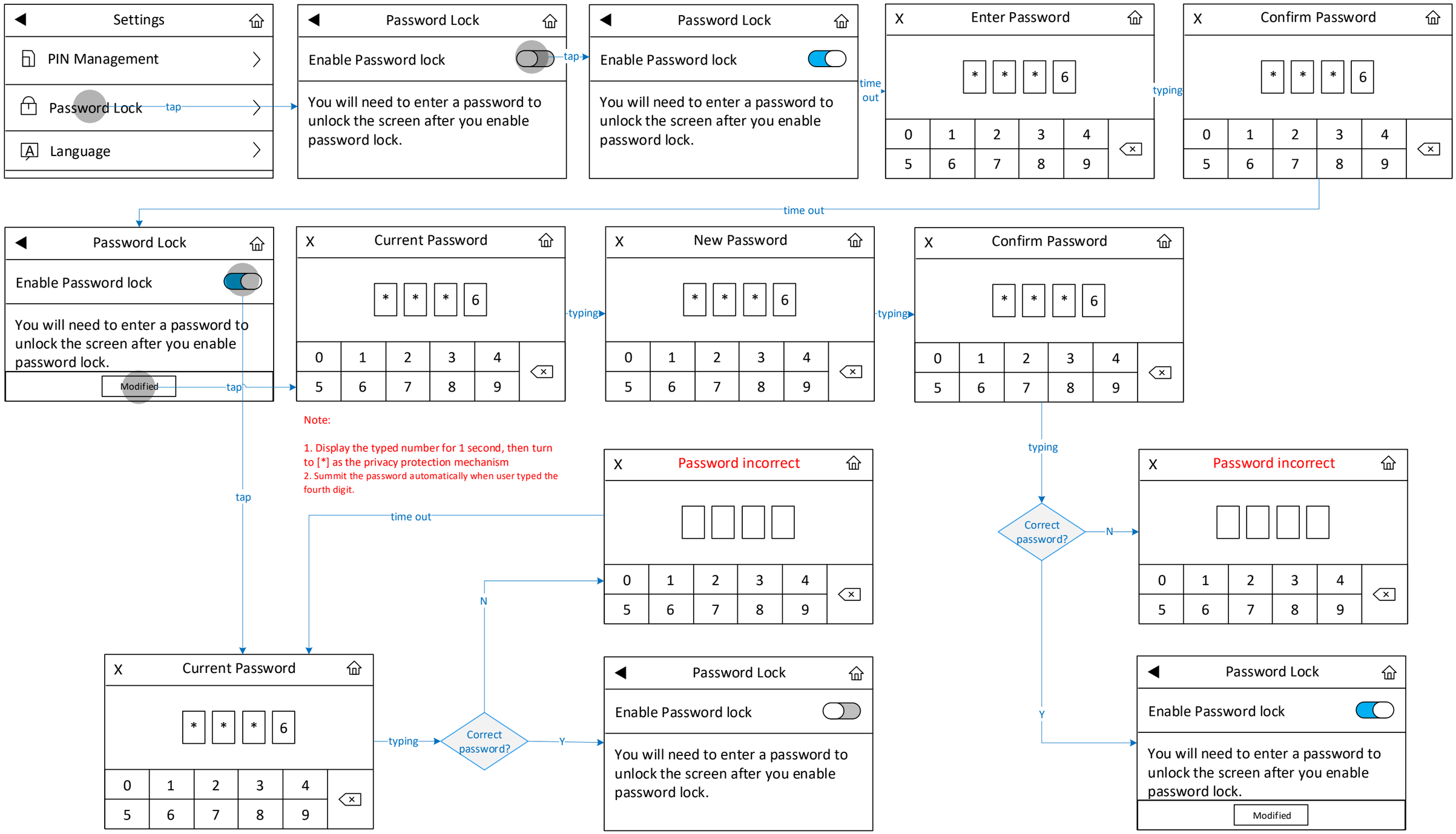
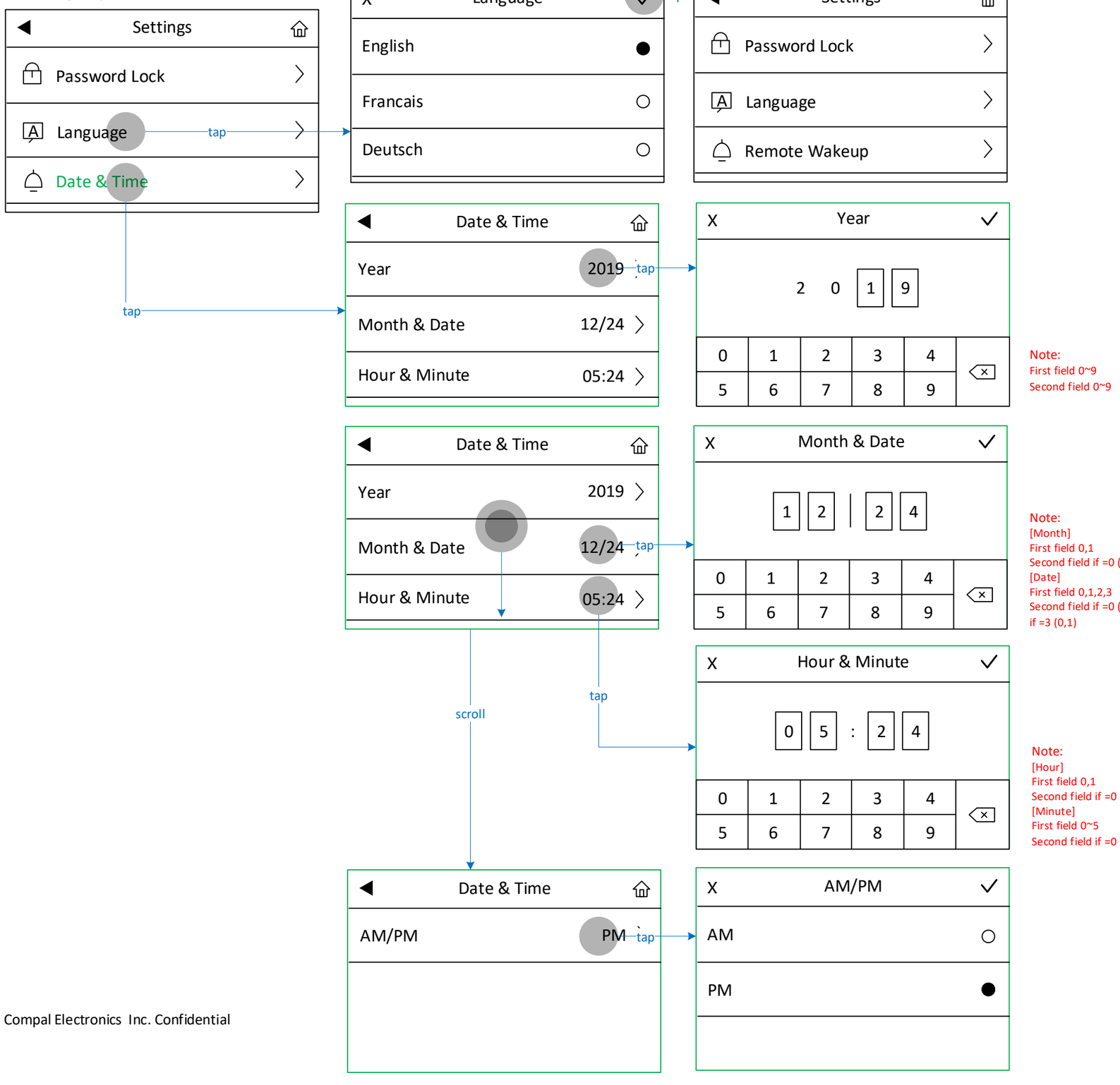
Use case

6.Settings: Password Lock



Use case

6.Settings: System



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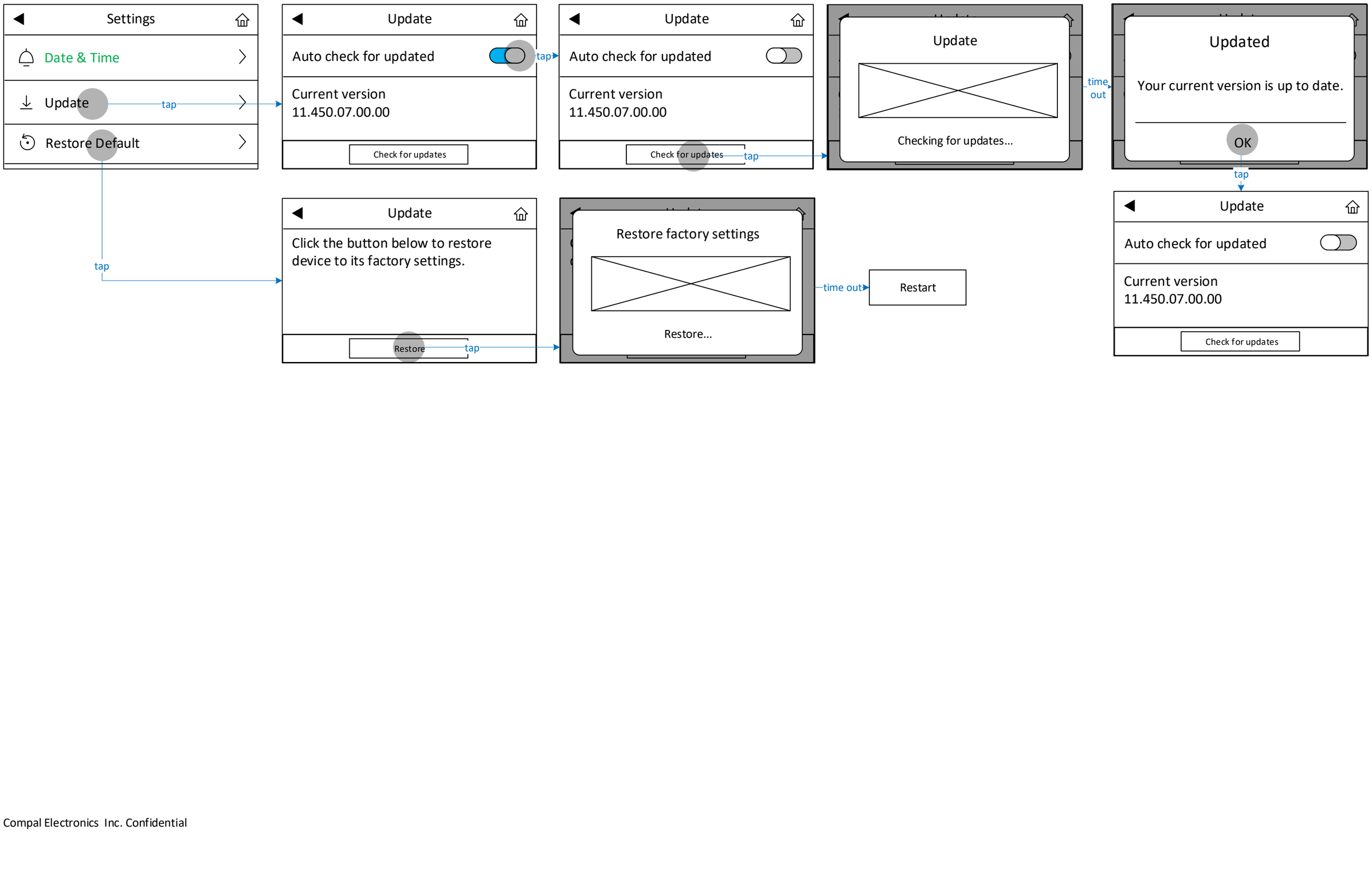
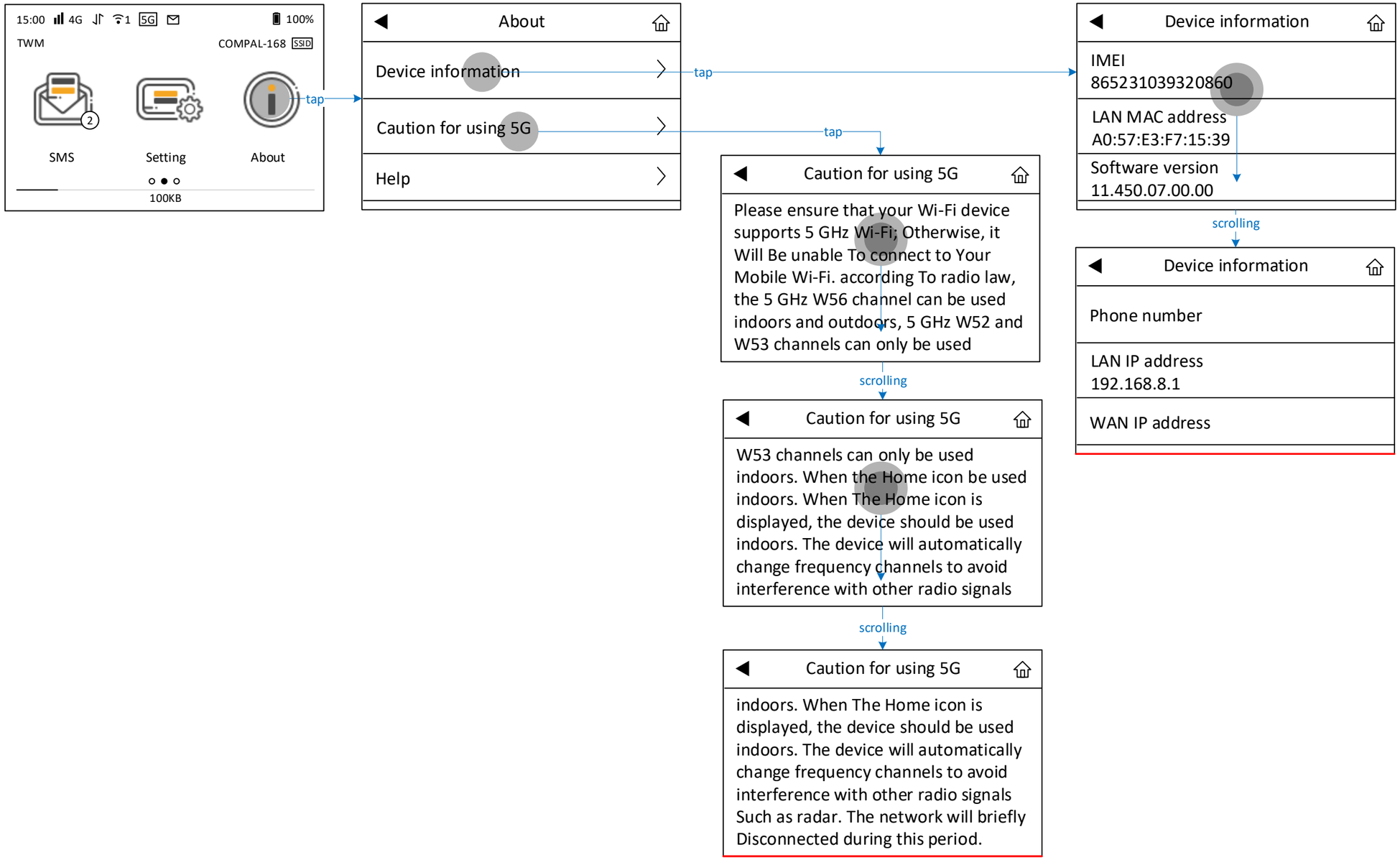
Use case

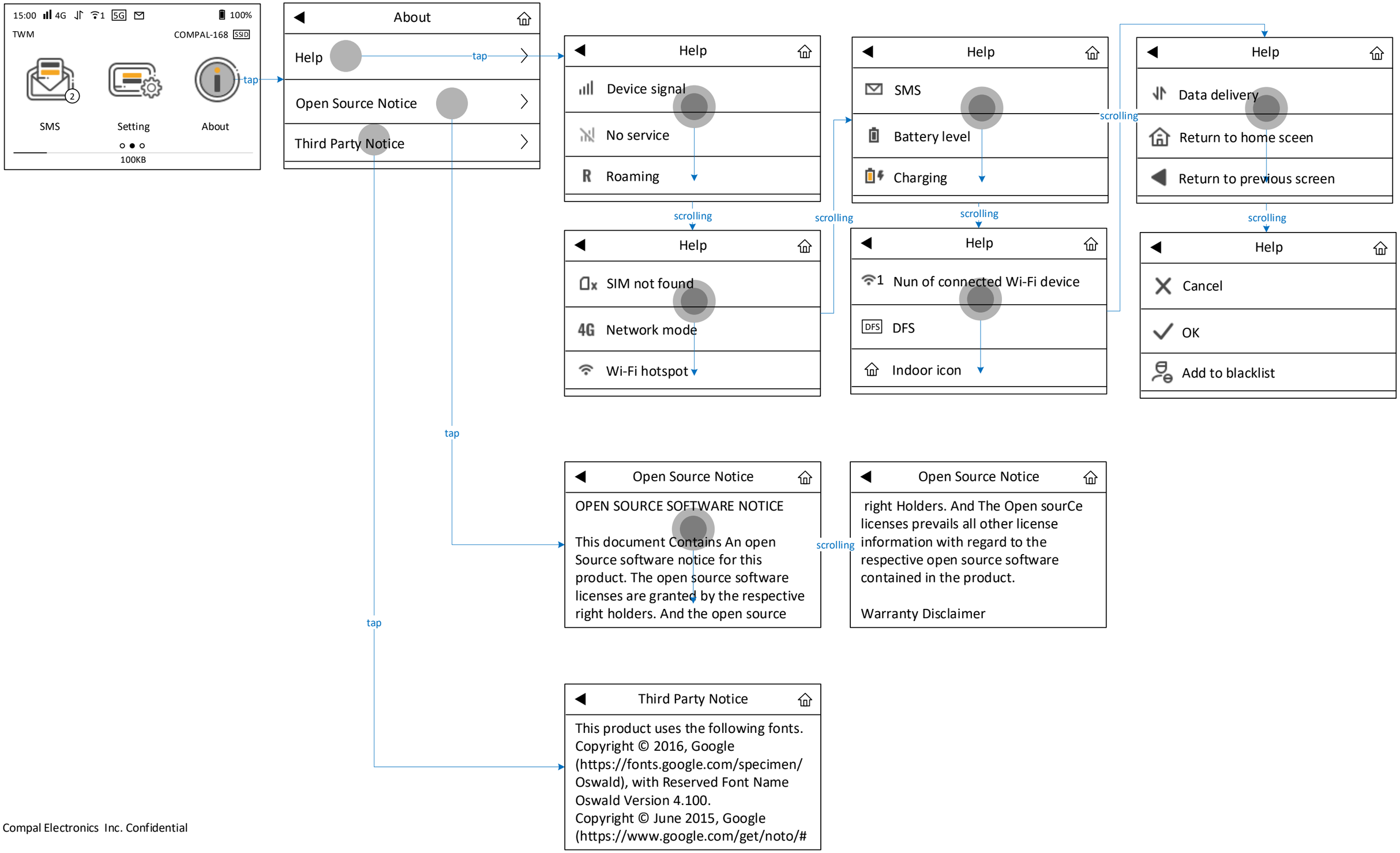
6.Settings: Device



Use case

7.About



Use case

7.About