UX Design Documents

Home Application

Version 1.1
Prepared by ThangTV

Hanoi 06/10/2021

Document history

Version	Editer	Reviewer	Date	Page	Description
1.0	ThangTV	ThanhPB	15-Sept-2021	All	Create
1.1	ThangTV	ThanhPB	06-Oct-2021	All	Updated

Contents

I. Define Action Screen

1. Define Touch Action

No	Icon	Name	Description
1		**Press and hold**	Press and hold on the screen to create events.
2		**Click**	Click on the screen to create events.

2.Define Hard Key Action

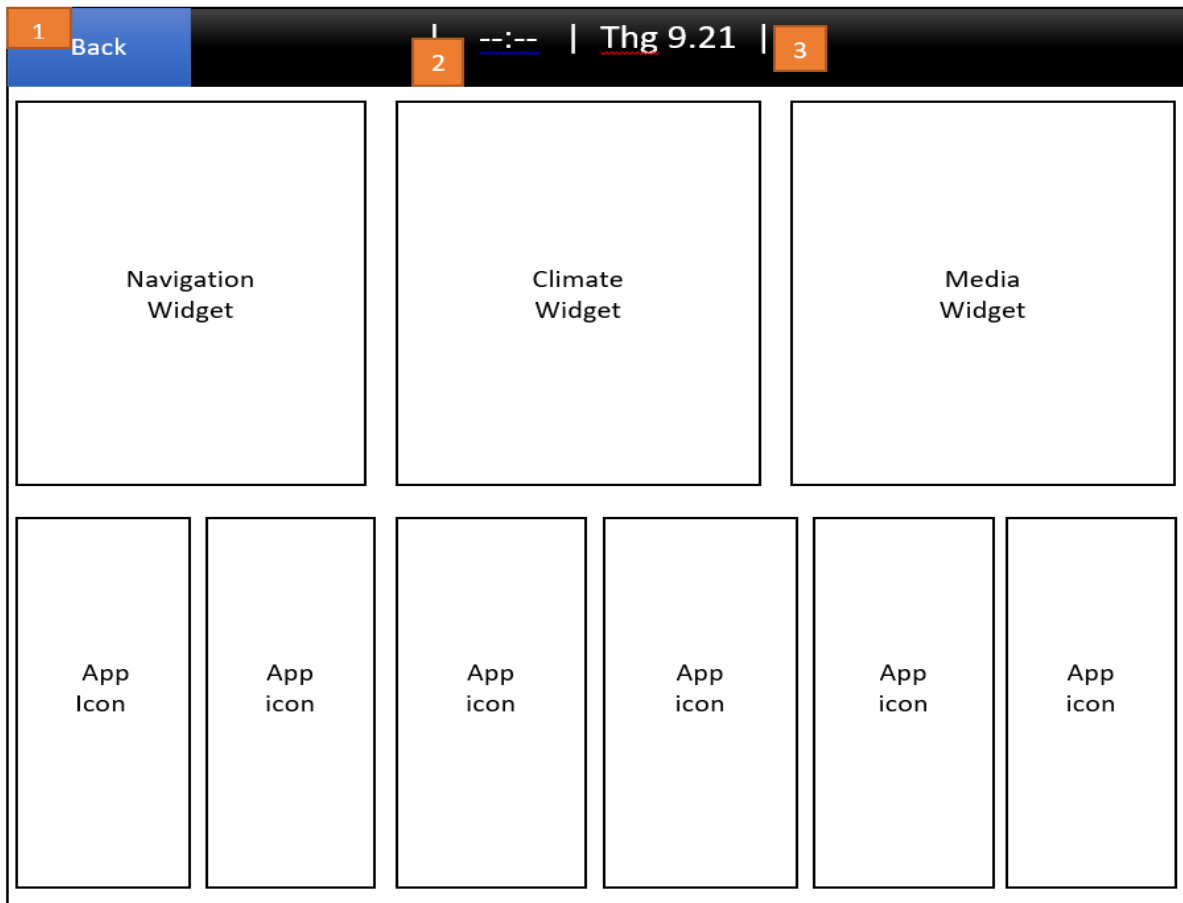| No	Name	Description
1	**ESC key**	Press the **Esc key** to exit application screen.
2	**1 key**	Press the **1 key** to open Map application.
3	**2 key**	Press the **2 key** to open Climate application.
4	**3 key**	Press the **3 key** to open USB music application.
5	**ENTER key**	Press the **Enter key** to open apps or widget icon be focus.
6	**UP key**	Press the **Up key** to move the focus upwards in the application.
7	**LEFT key**	Press the **Left key** to move the focus left in the app.
8	**DOWN key**	Press the **Down key** to move the focus down in the app.
9	**RIGHT key**	Press the **Right key** to move the focus right in the app.

II. Screen Specification
1.Common Spec

Home Screen

| Back | | --:-- | thg 9.21 | |

1 Navigation Widget

2 Climate Widget

3 Media Widget

4 App Icon

4 App icon

4 App icon

4 App icon

4 App icon

4 App icon

No	Description	Type	Display Condition/Action Condition	Label
1	Navigation Widget: go to navigation screen.	Button	Always	
2	Climate Widget: go to climate screen	Button	Always	Climate
3	Media widget: go to media player screen	Button	Always	USB music
4	Applications (Map, Video, Media, Phone, Radio, Setting)	Button	Always	Map, Video, Media, Phone, Radio, Setting, and other if available.

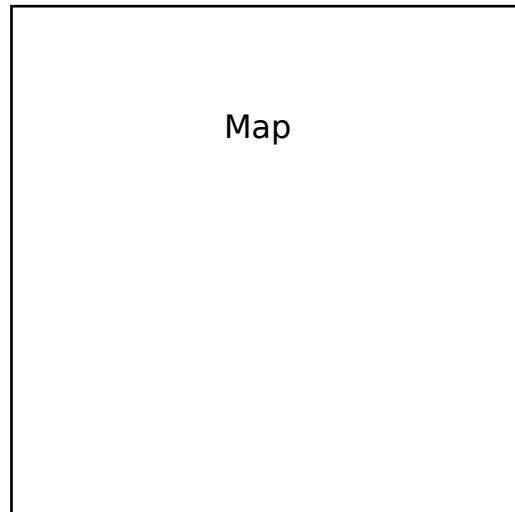## 2.StatusBar

1 Back		2	--:--	Thg 9.21	3

Navigation Widget	Climate Widget	Media Widget

App Icon	App icon	App icon	App icon	App icon	App icon

No	Description	Type	Display Condition/Action Condition	Label
1	Back Button: Back to home screen.	Button	Display it when enter other screen such as (Map, Climate, Media, …..)	
2	Time: display current date time of operation system update real-time after 1 second.	Text	Always	Format 24h(--:--)
3	Date: Current data of operation systems, update real-time after 1 second	Text	Always	Format <Short Month>.Day

3.Widget

3.1 Map widget

(1)
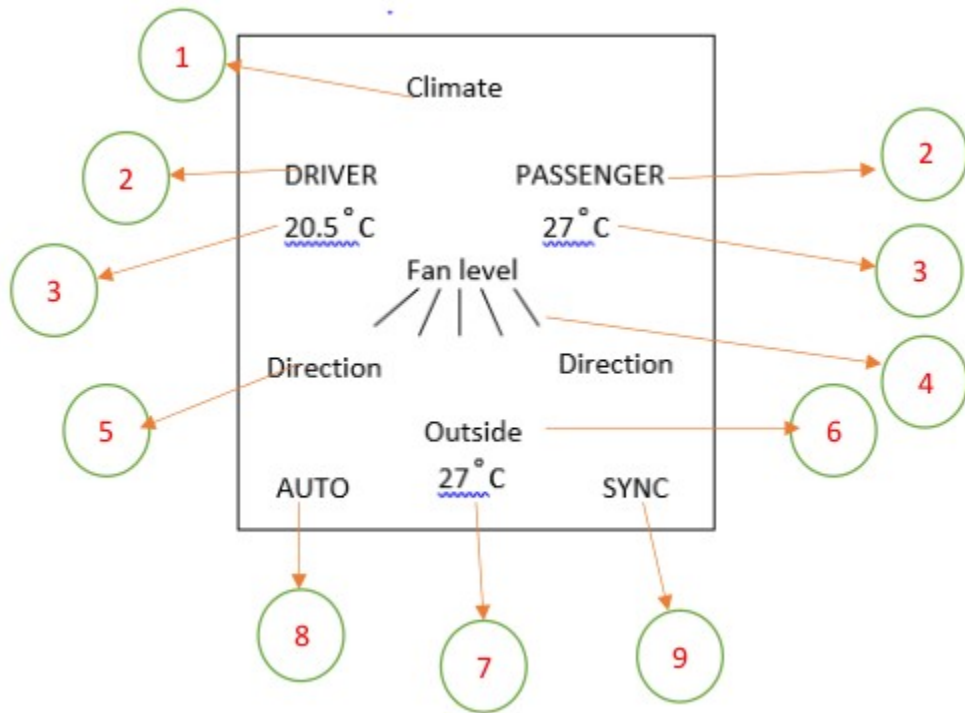
| Map |

NO	Description	Type
1	Display location of the vehicle.	MapQuickItem/Image

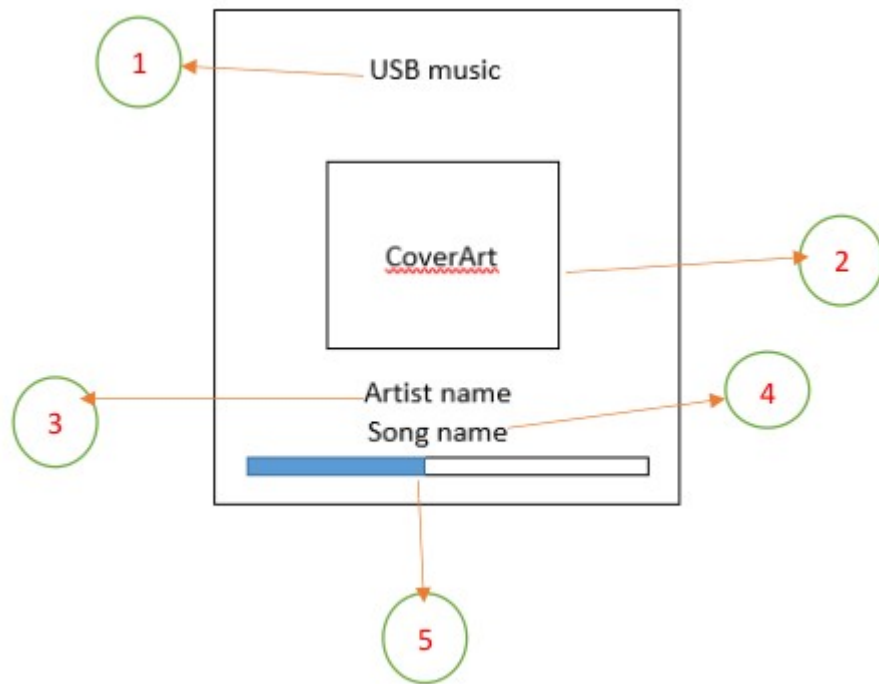**Note**: When pressing the icon then change the state of it:
normal, press, focus.

3.2: Climate widget

1

Climate

2

DRIVER

PASSENGER

2

20.5˚C

27˚C

3

3

Fan level

/ / | \ \

Direction

Direction

4

5

Outside

6

AUTO

27˚C

SYNC

8

7

9

No	Description	Type	String ID
1	Title of climate widget.	Text	STR_WIDGET _CLIMATE
2	Title of seat position in the vehicle.	Text	Driver: STR_WIDGET _DRIVER PASSENGER: STR_WIDGET _PASSENDER
3	The temperature of seat position in the vehicle. The range is **16.5 * C – 31.5*C**, if the temperature equal 16.5*C then displays "**LOW**", and if it equal 31.5*C then display "**HIGHT**".	Text	STR_WIDGET _PASSENDER
4	The fan level : **1 – 10**.	Image	
5	The direct of the wind, it have 3 mode: **on face , on foot , on foot and face .**	Image	
6	The title of outside temperature.	Text	STR_WIDGET _OUTSIDE
7	The temperature outside of the vehicle.	Text	
8	The AUTO mode is used to show the data of the application by automatically.	Text	STR_WIDGET _AUTOMODE
9	The SYNC mode is used to show the data of the application by synchronous.	Text	STR_WIDGET _SYNCMODE

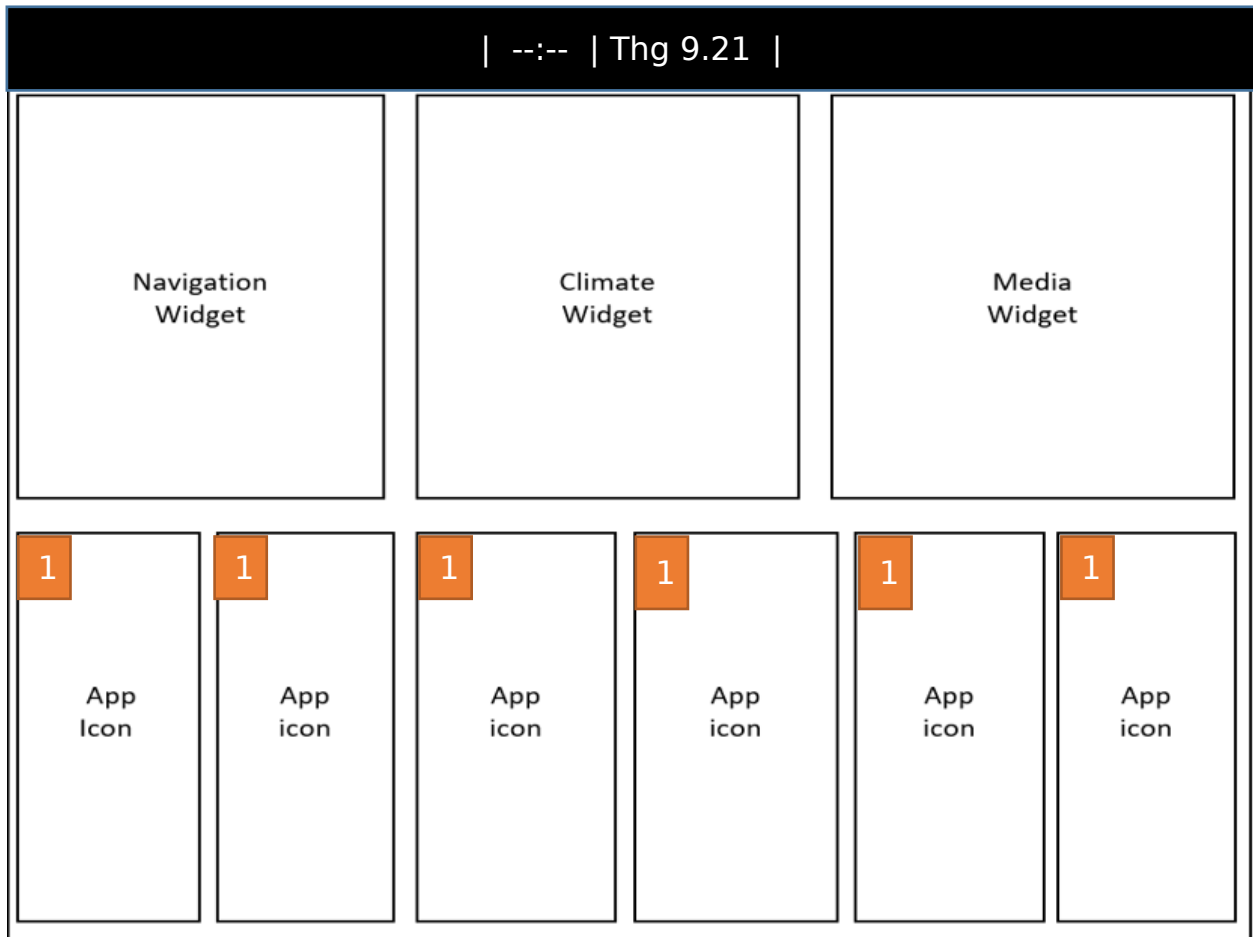**Note**: When pressing the icon then change the state of it: **normal, press, focus**.

3.3:USB Music Widget

USB music

CoverArt

Artist name
Song name

1

2

3

4

5

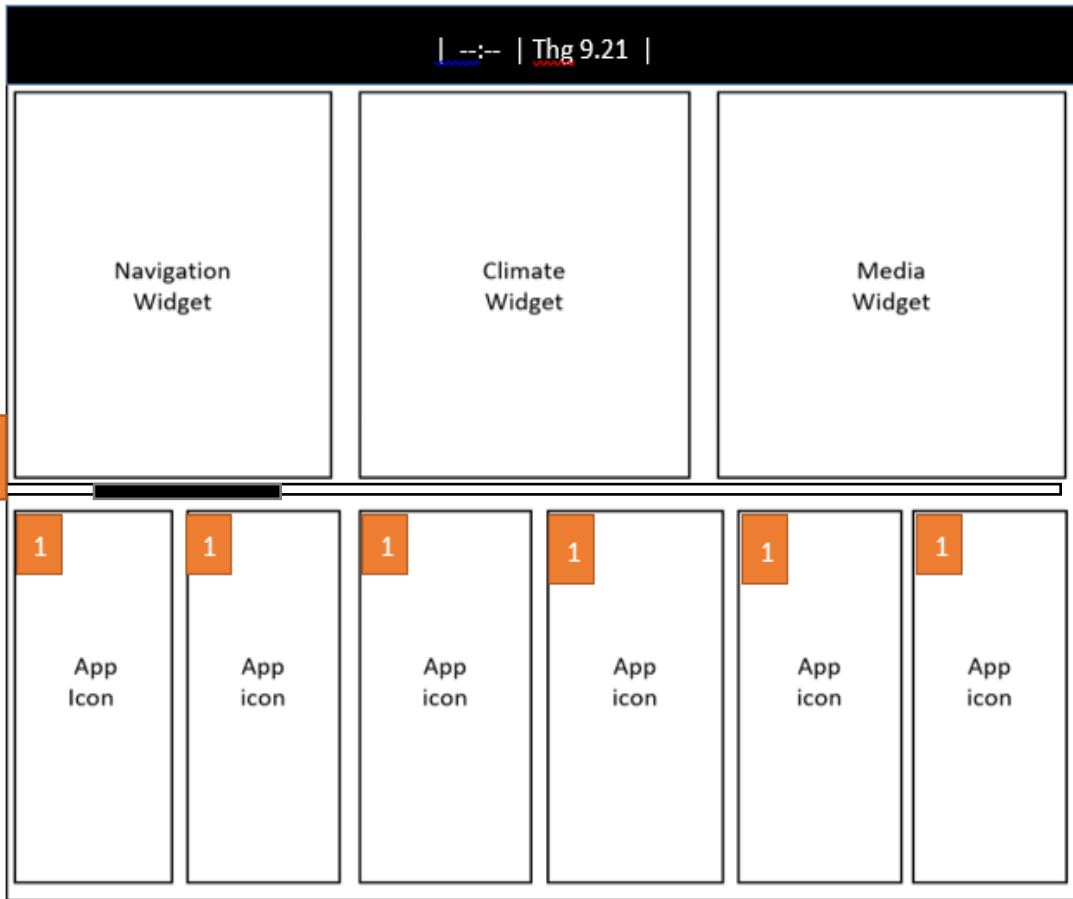| NO	Description	Type	String ID
1	Media source	Text	STR_WIDGET_ USBMUSIC
2	Image of the current song is playing.	Image	
3	Singer of the current song is playing.	Text	
4	Name of the current song is playing.	Text	
5	Progress bar of the current song is playing.	Image	

Note: When pressing the icon then change the state of it:
normal, press, focus.

4.List App

A. No Scroll Bar

| --:-- | Thg 9.21 |

Navigation Widget

Climate Widget

Media Widget

1 App Icon

1 App icon

1 App icon

1 App icon

1 App icon

1 App icon

B. Have Scroll Bar

| --:-- | Thg 9.21 |

| Navigation Widget | Climate Widget | Media Widget |

2

| **1** App Icon | **1** App Icon | **1** App icon | **1** App icon | **1** App icon | **1** App icon | **1** App icon | **1** App Icon |

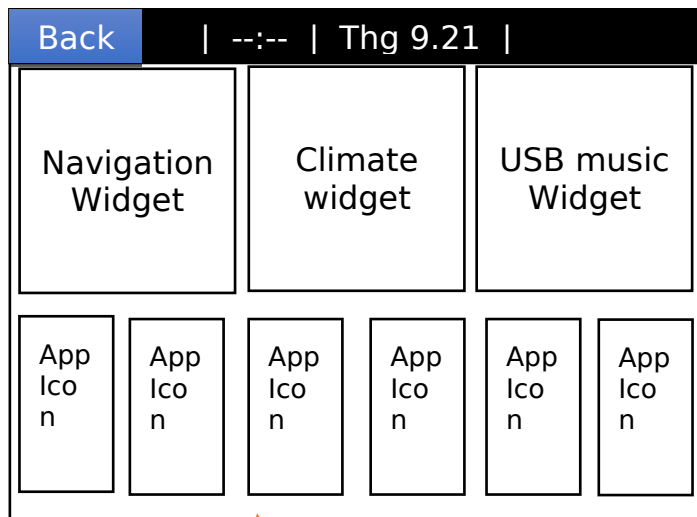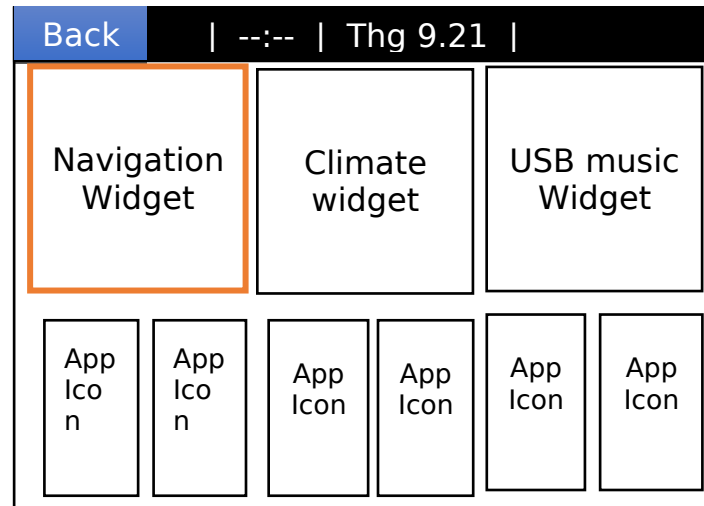| No	Description	Type
1	Icon app: Touch or click to open application screens.	Button
2	Scrollbar: used to the scrolls application area, if greater than 6 application in the area.	Scrollbar

Note: When pressing the icon then change the state of it:
normal, press, focus.

III. Flow Spec

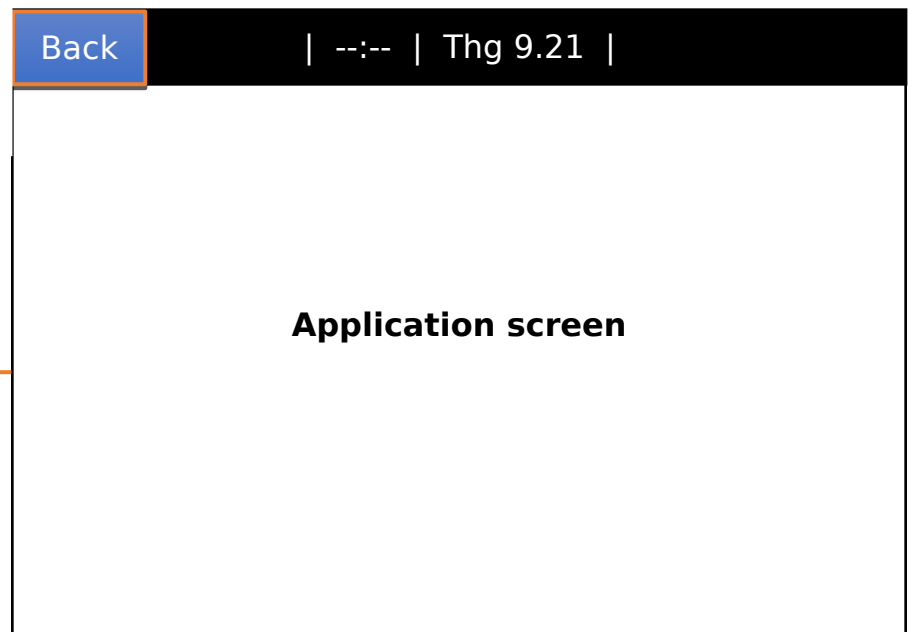## 1.Open and Close Application screen (Touch , Click, Press Enter Key)

Back		--:--	Thg 9.21	

Navigation Widget	Climate widget	USB music Widget

App Icon	App Icon	App Icon	App Icon	App Icon	App Icon

1, 2,3

Back		--:--	Thg 9.21	

Navigation Widget	Climate widget	USB music Widget

App Icon	App Icon	App Icon	App Icon	App Icon	App Icon

1, 2,3

1, 2,4

Back		--:--	Thg 9.21	

Application screen

Note:
- **1: Click**
- **2: Touch**
- **3: Press enter key**
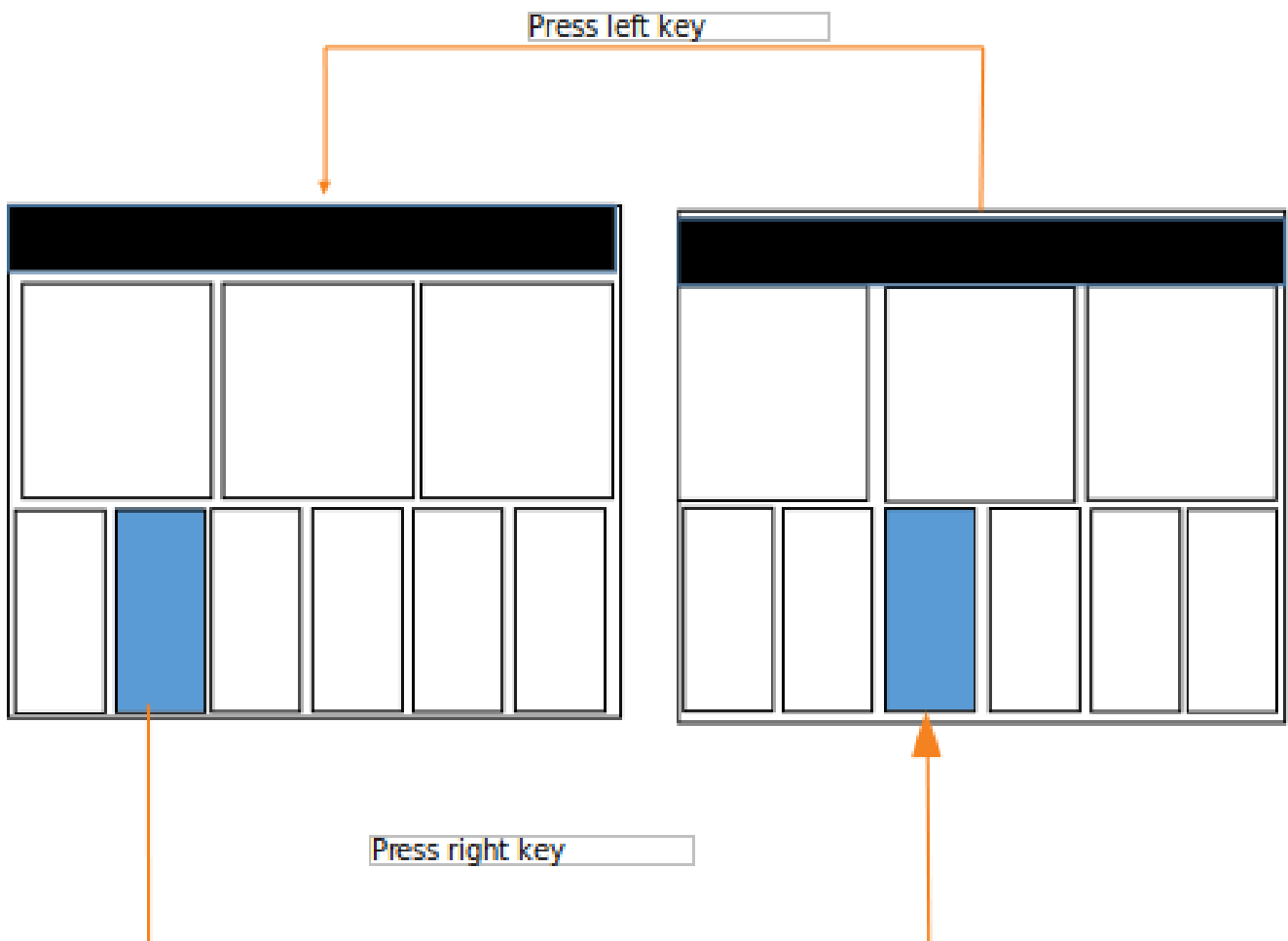- **4: Press esc key**

2.Re-order application area
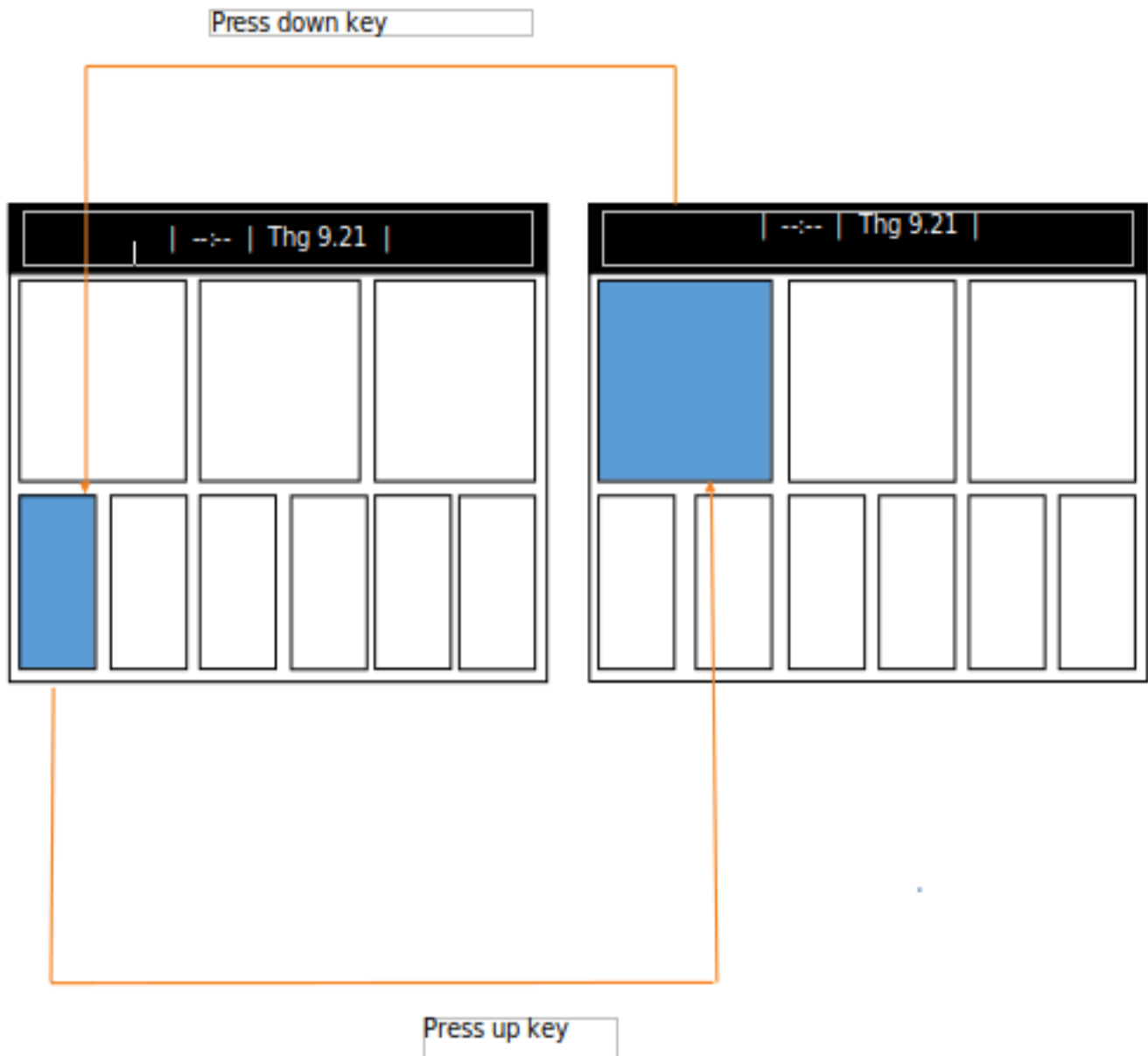
3.Scroll bar

4. Hard key action

A.Using hard key Left and Right

B.Using hard key Up and Down

Press down key

Press up key

5.Update Data

Back | --:-- | Thg 9.21 |

AVN
Application screen

Back | --:-- | Thg 9.21 |

| Navigation Widget | Climate widget | USB music Widget |

| App Icon | App Icon | App Icon | App Icon | App Icon | App Icon |

1

2

Widget
(Map, Climate, Media)

Note:
- 1: Send information
- 2: Request update data