Home

UX Scenario

Version 1.1
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History

Date	Ver.	Description	Page	Written By
2025.03.13	1.0	Init document	All	BienNT
2025.03. 20	1.1	Add Flow Specifications: 3.2 Open and Close Settings App (by shortcut)	9	BienNT
2025.03. 20	1.1	Add Flow Specifications: 3.9 Press, Move and Release Outside App/Widget - No Focus	18	BienNT

Contents

I. Define action on screen.

Icon	Action	Description
	Press and Hold	Used to move item
	Press	Press to select item
	Release	Release to unselect item
	Mouse click	Used to select item
	Drag to right	Swipe the app menu to the right
	Drag to left	Swipe the app menu to the left
ESC	Back hard key	Back to Home Screen
ENTER	Enter hard key	Go to selected application
↑	Up hard key	Shift focus from application area to widgets area
↓	Down hard key	Shift focus from widgets area to application area

	Left hard key	Move the focus left in the application list
	Right hard key	Move the focus right in the application list
	Map shortcut	Open Map application.
	Climate shortcut	Open Climate application.
	Media shortcut	Open Media application.
	Settings shortcut	Open Settings application.

II. Screen Spec.

2.1 Home
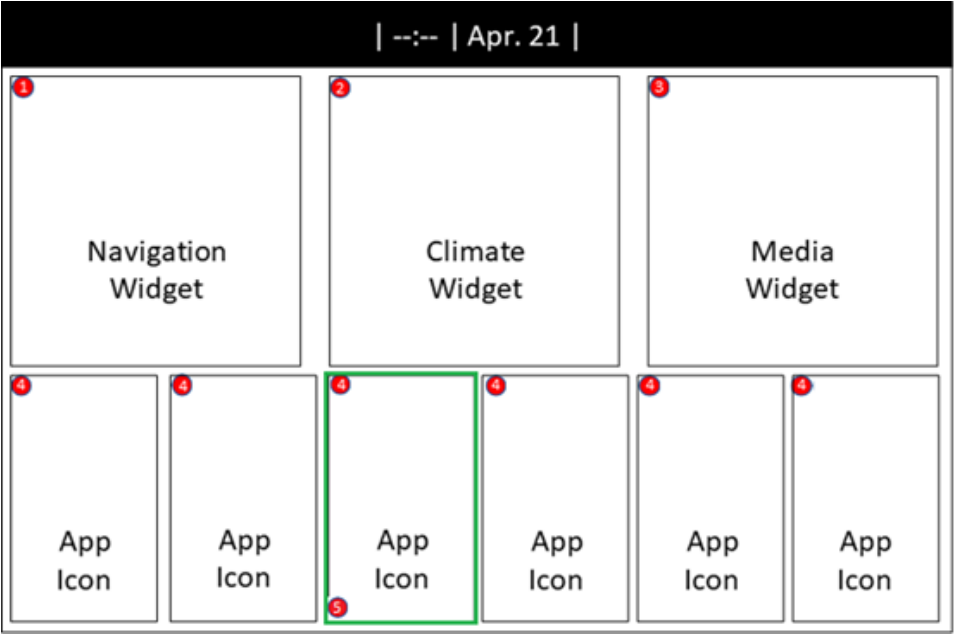
No.	Description	Type	Display Condition/Action Condition	Label
1	Navigation Widget: Go to navigation screen	Button	Always	---
2	Climate Widget: Go to climate screen	Button	Always	Climate
3	Media Widget: Go to Media Player screen	Button	Always	USB Music
4	Applications (Map, Video, Media, Phone, Radio, Settings)	Button	Always	Map, Video, Media, Phone, Radio, Settings
*	Only 1 focus on a screen at a time			
*	The focus can be shifted by pressing Up – Down – Left – Right hardkey			
*	Show animation during screen transition			
*	The selected application must open when a widget or app is clicked.			
*	The screen state will change when a widget or app is clicked.			

2.2 Status Bar
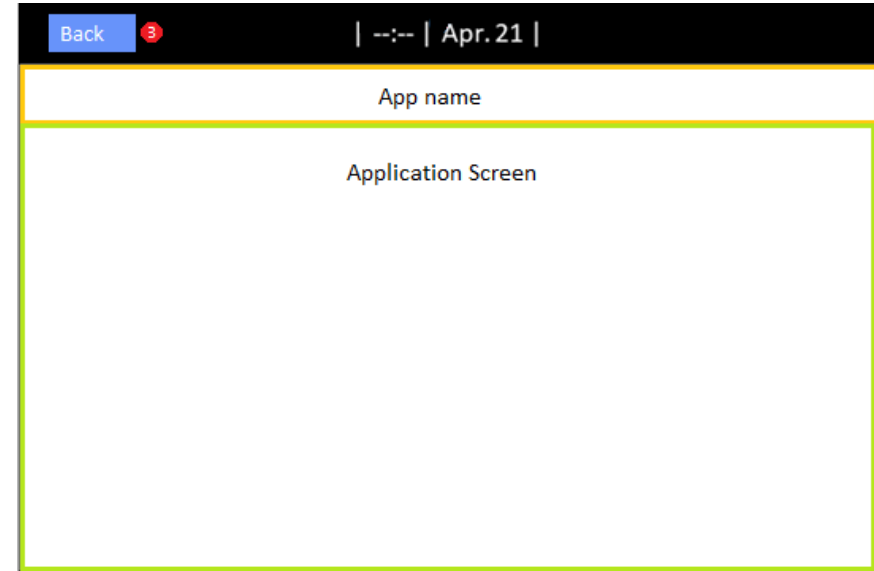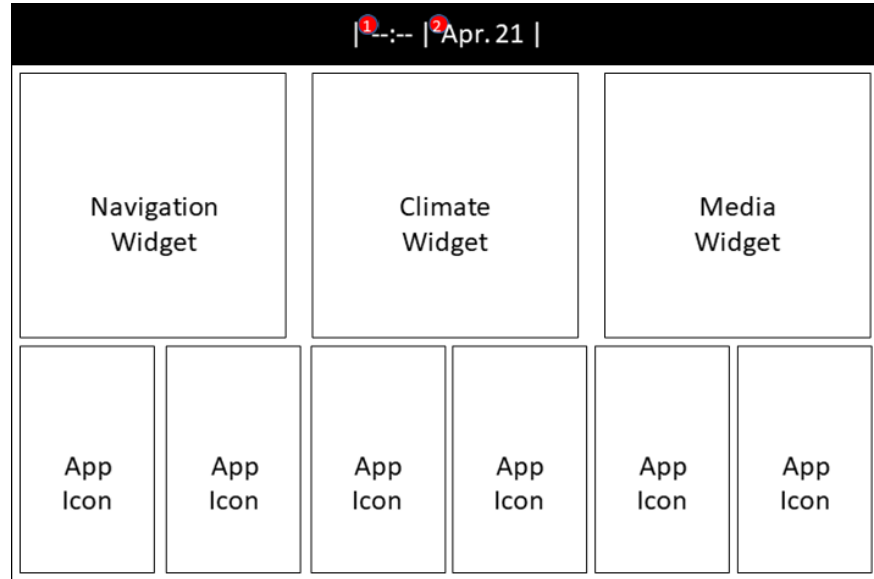
No.	Description	Type	Display Condition/Action Condition	Label
1	Time: Current time	Text	Always	Format 24h (hh:mm)
2	Date: Current date	Text	Always	Format: <Short Month>. Day
3	Back: Back to Home screen	Button	Display it when enter other screen such as (Navigation, Climate, Media, ...)	
*	Update every 1 minute			

2.3 Widget Area

Map

Icon

Climate

DRIVER   PASSENGER
fan level
Low   22.5°C
        Outside
AUTO   26.5°C   SYNC

USB Music

Album Art

Artist name
Song name
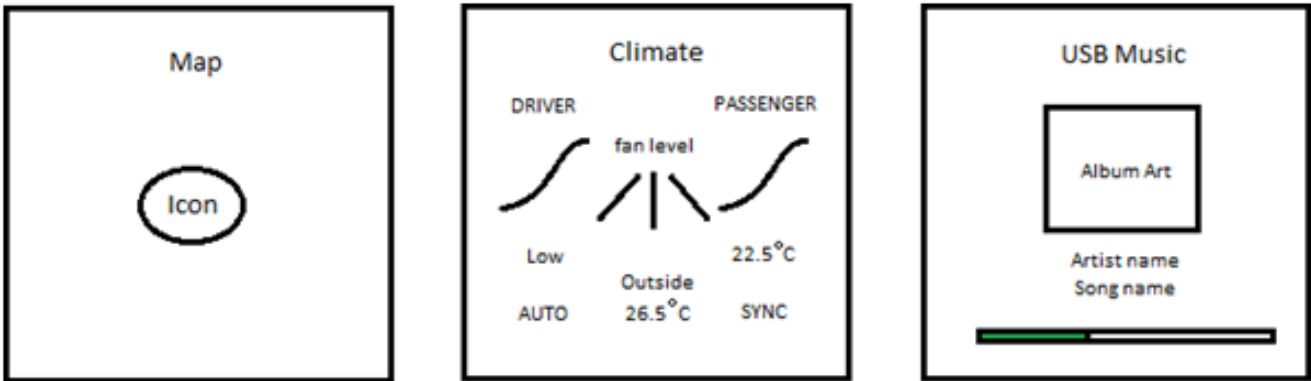
Widget List

• Map Widget

Map

Icon
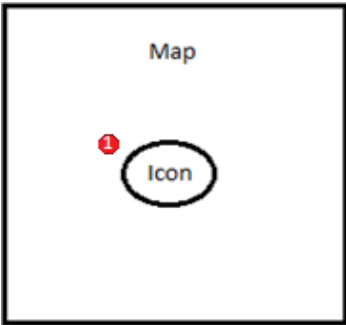
No.	Description	Type	Display Condition/Action Condition	Label
1	Current location	Image	Always	
*	Update the car's position automatically and immediately through the Map application			
*	The Map widget have 3 states: normal, pressed, and focus			
*	When the Map Widget is clicked, the Map application will open			
*	The Map application will open by pressing the A shortcut			
*	When the Home App starts, the initial focus will be on the Map Widget.			

- Climate Widget
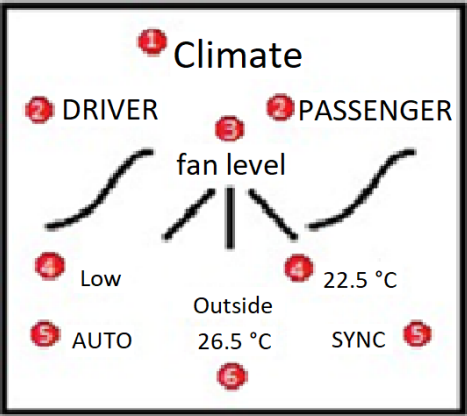
No.	Description	Type	Display Condition/Action Condition	Label
1	App title	Text	Always	Climate
2	Wind direction	Image	Update it when wind direction hanges	Driver, Passenger
3	Fan level	Image	Update it when fan level changes	1 ~ 10 images (level)
4	A/C Temperature	Text	Update it when A/C temp changes	16.5 °C ~ 31.5 °C Min(16.5 °C): LOW Max(31.5 °C): HIGH
5	AUTO, SYNC modes	Text	Update its mode when it turns ON or OFF	
6	Outside temperature	Text	Update it when outside temp changes	
*	The Climate widget have 3 states: normal, pressed, and focus			
*	The Climate application will open by pressing the C shortcut			
*	When the Climate Widget is clicked, the Climate application will open			
*	Update the climate information automatically and immediately through the Climate application			

• Media Widget
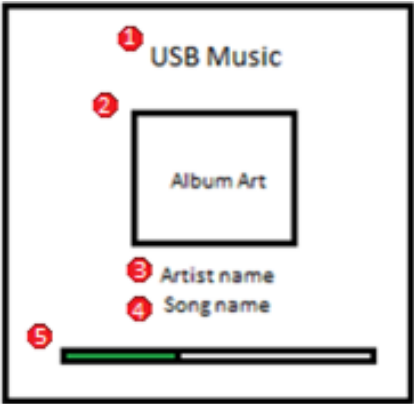
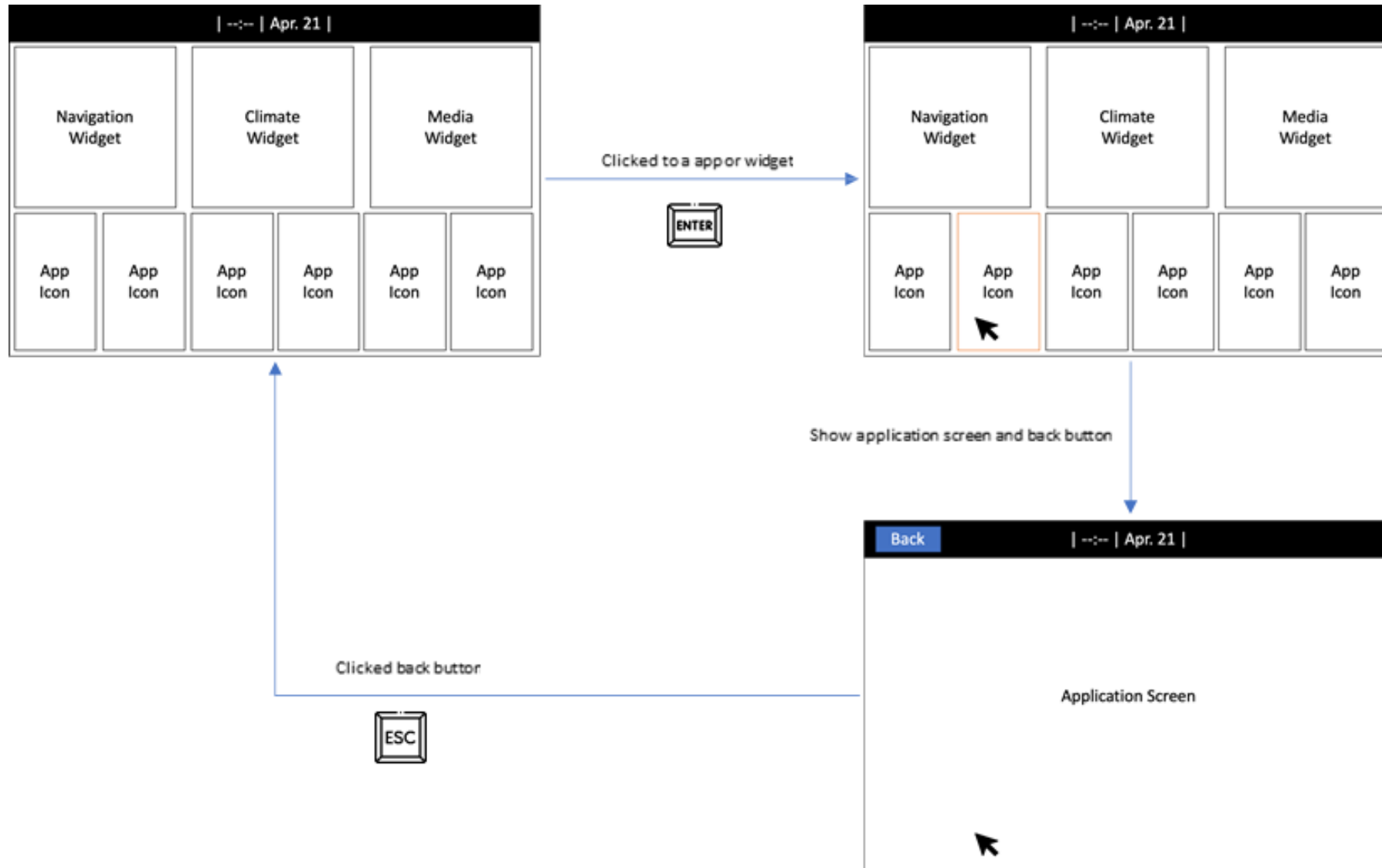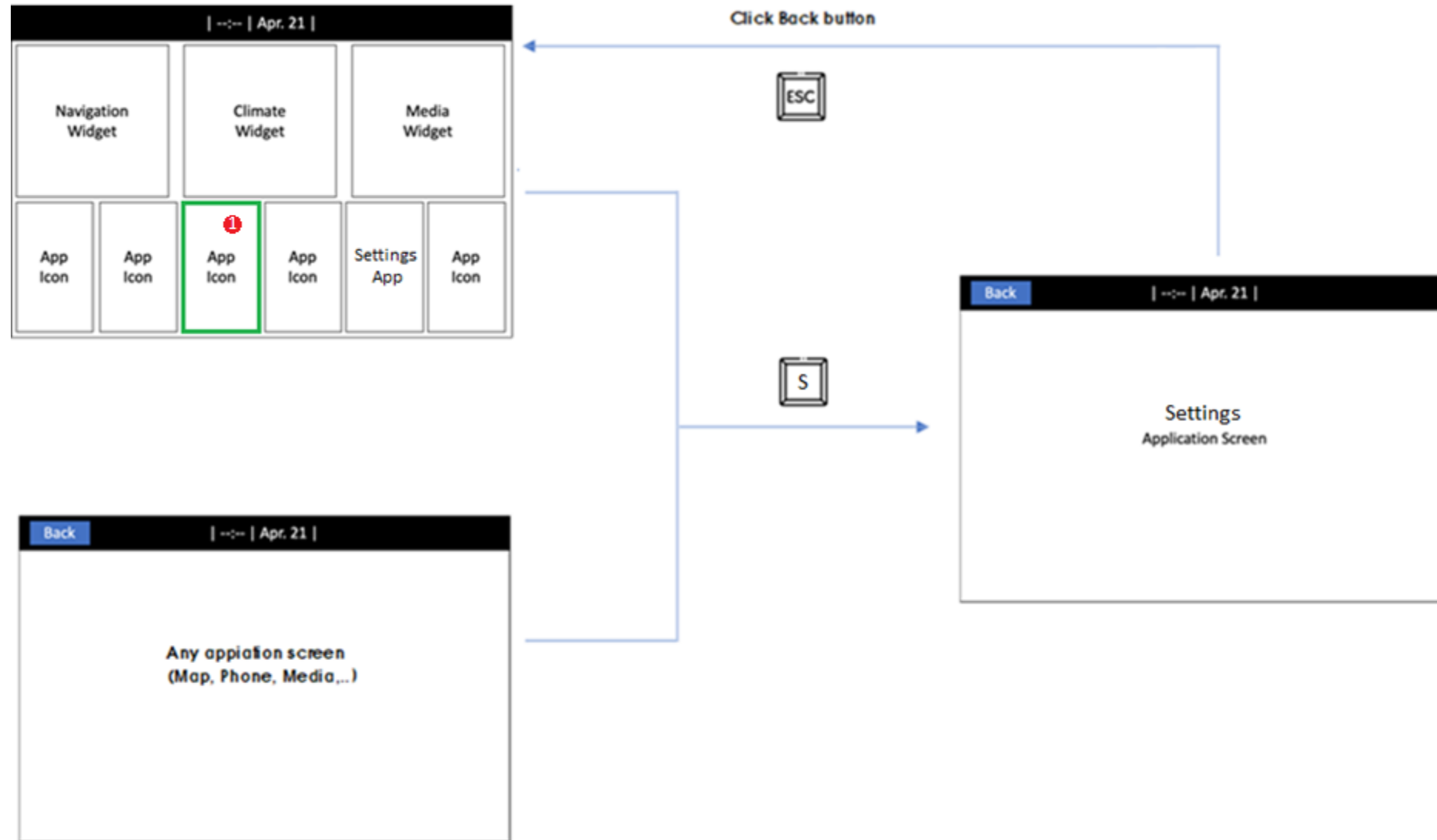| No.	Description	Type	Display Condition/Action Condition	Label
1	Media source (USB, DVD, iPod, etc)	Text	Always	USB Music
2	Album Art	Image	Update it when a song is selected	
3	Artist name	Text	Update it when a song is selected	
4	Song name	Text	Update it when a song is selected	
5	Progress bar	Bar	Always	
*	The Media widget have 3 states: normal, pressed, and focus			
*	The Media application will open by pressing the M shortcut			
*	When the Media Widget is clicked, the Media application will open			
*	Update the playing track information automatically and immediately through the Media application			

• Application Menu
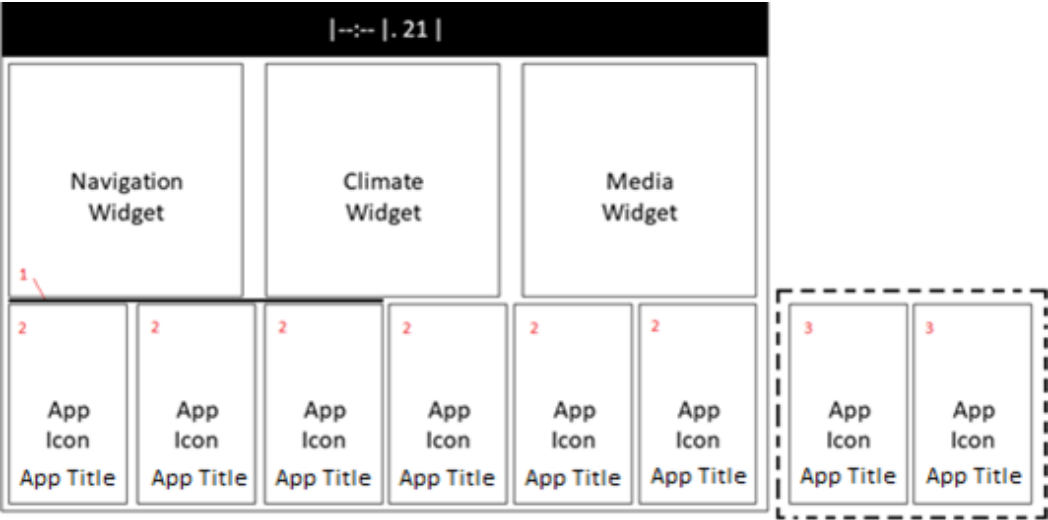
No.	Description	Type	Display Condition/Action Condition	Label
1	Scroll Bar	Bar	When the app list has more than 6 apps	
2	Visible applications	Text	When in the app menu screen	
3	Invisible applications	Text	When not in the app menu screen	
*	Each application will display its unique title and icon			
*	The selected app will open when clicked or when it has focus and the Enter hard key is pressed			
*	The Settings application will open by pressing the S shortcut			
*	The focus can be shifted by pressing Left or Right hard key			
*	When focusing on an invisible app, the ListView scrolls to display that app			
*	The order of applications in the list will be easily adjustable			
*	The arranged application list order must be saved to an XML file when reordering apps			
*	The list of applications displayed in the menu will be stored and read from an XML file			

III. Flow Spec.

3.1 Open and Close App (by mouse or hardkey)

3.2 Open and Close Settings App (by shortcut)

| ---:-- | Apr. 21 |

Navigation Widget

Climate Widget

Media Widget

❶

App Icon

App Icon

App Icon

App Icon

Settings App

App Icon

Click Back button

ESC

S

Back | ---:-- | Apr. 21 |

Settings
Application Screen

Back | ---:-- | Apr. 21 |
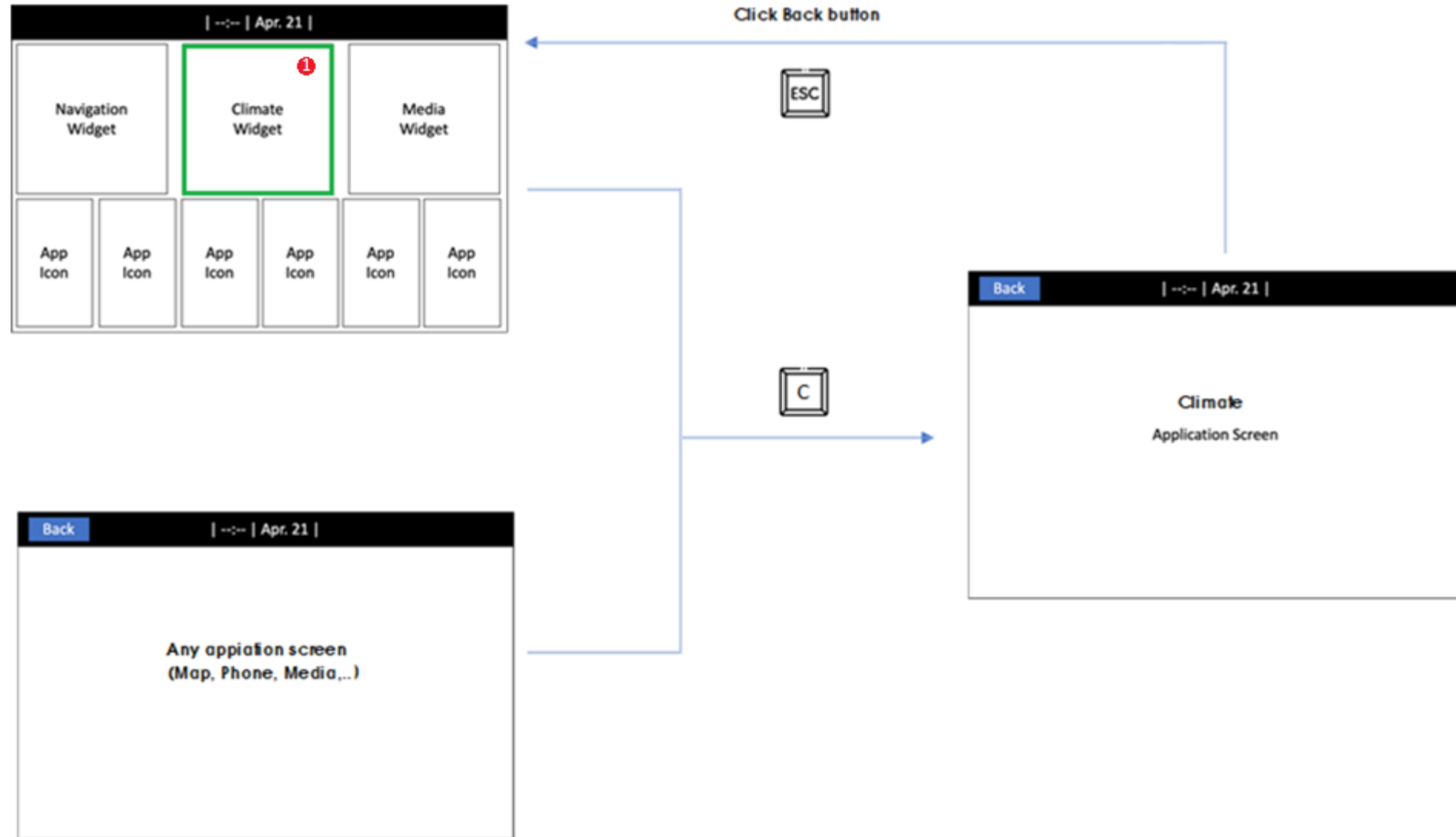
Any appiation screen
(Map, Phone, Media,..)

❶ Open the Settings app via shortcut does not require focusing on it.

3.3 Open and Close Map Widget (by mouse or shortcut)
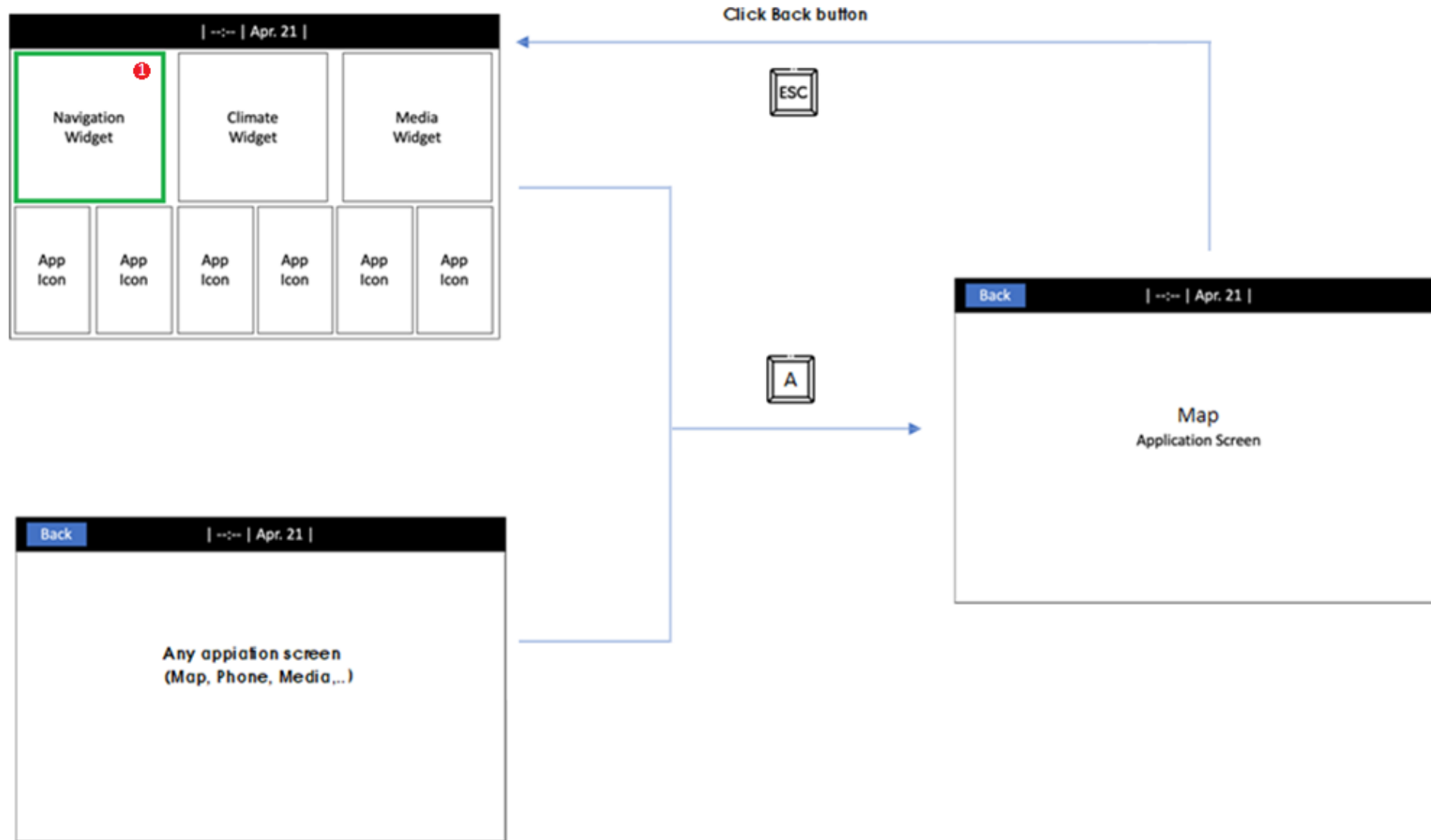
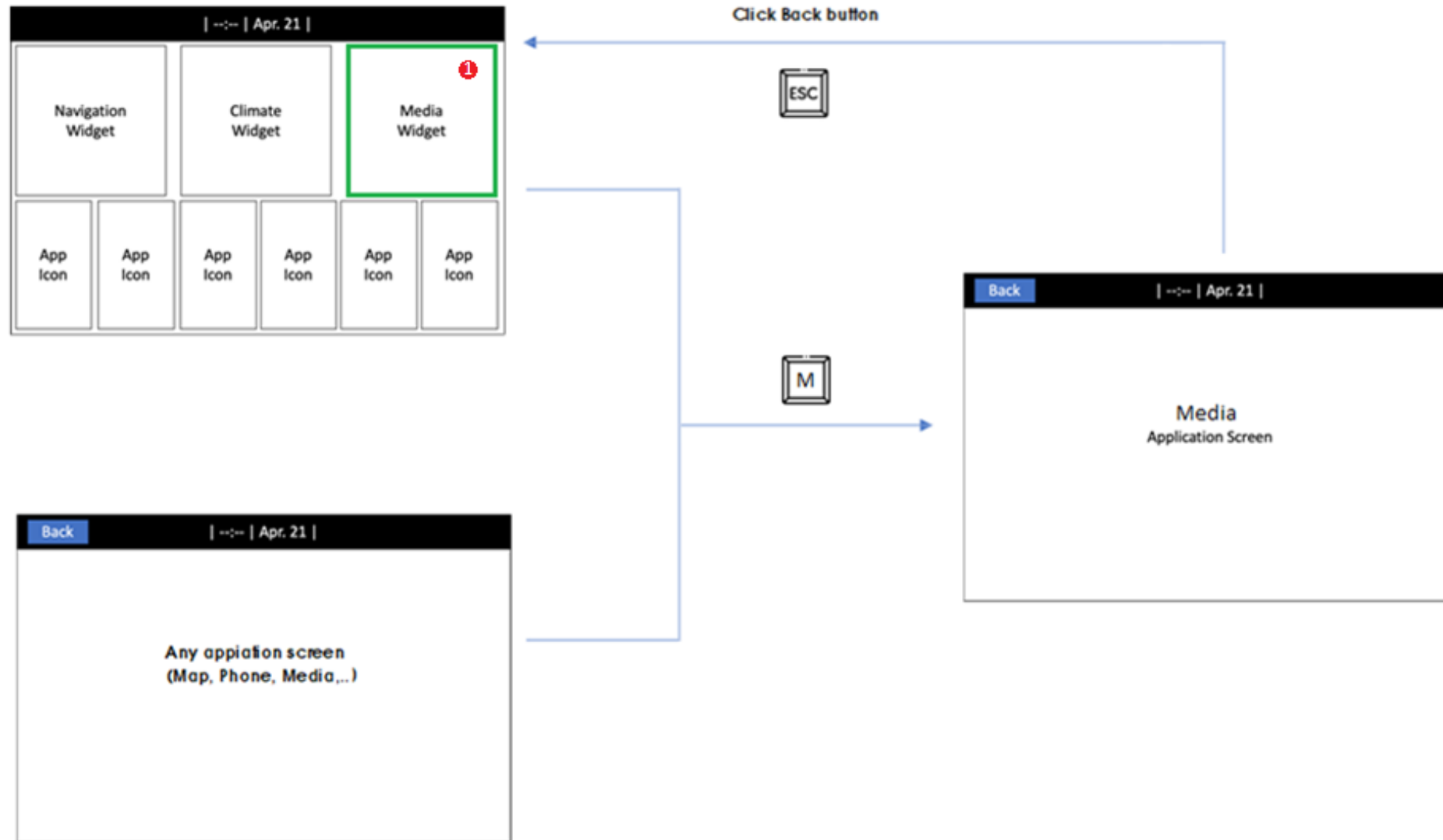❶ Open the Map Widget via shortcut does not require focusing on it.

3.4 Open and Close Climate Widget (by mouse or shortcut)

Click Back button

| --:-- | Apr. 21 |

Navigation Widget

Climate Widget ❶

Media Widget

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

ESC

C

Back | --:-- | Apr. 21 |

Climate
Application Screen

Back | --:-- | Apr. 21 |

Any appiation screen
(Map, Phone, Media,...)

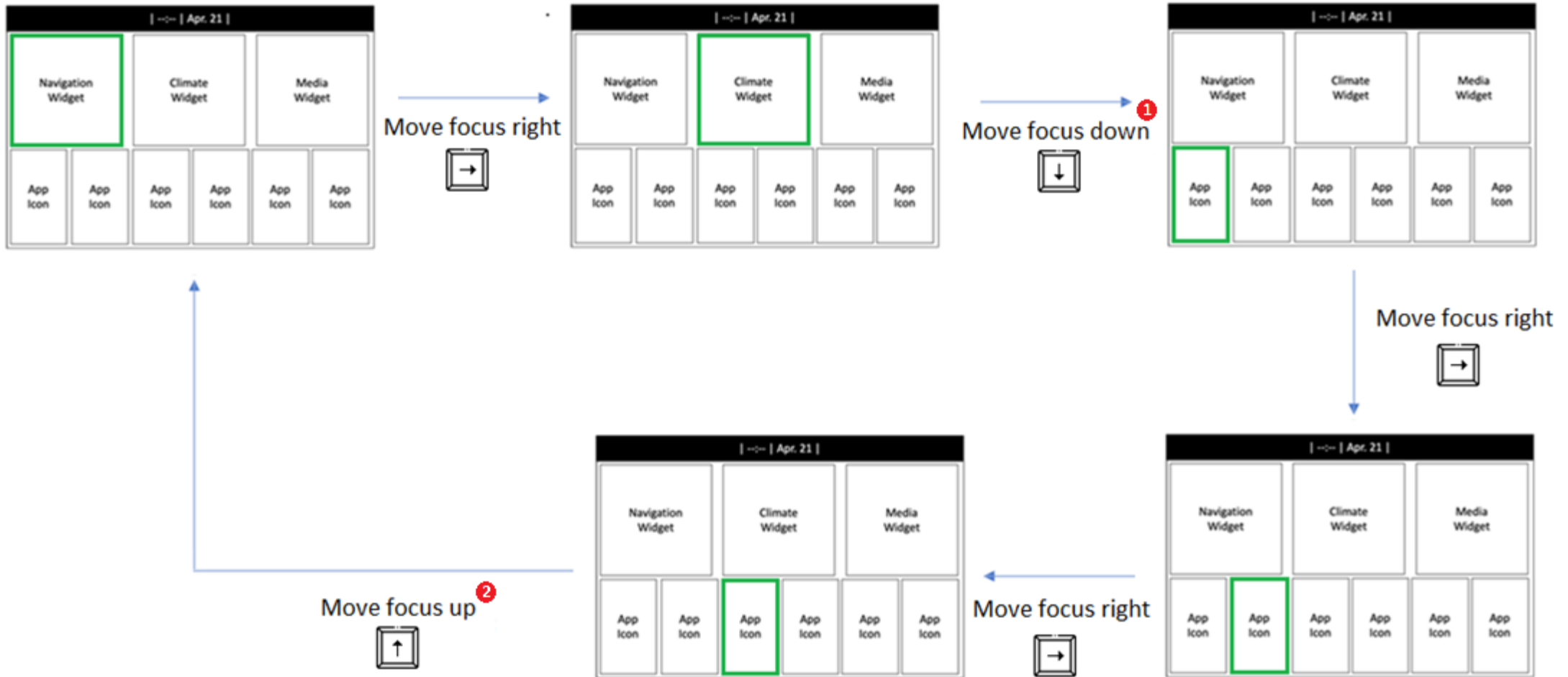❶ Open the Climate Widget via shortcut does not require focusing on it.

3.5 Open and Close Media Widget (by mouse or shortcut)

❶ Open the Media Widget via shortcut does not require focusing on it.

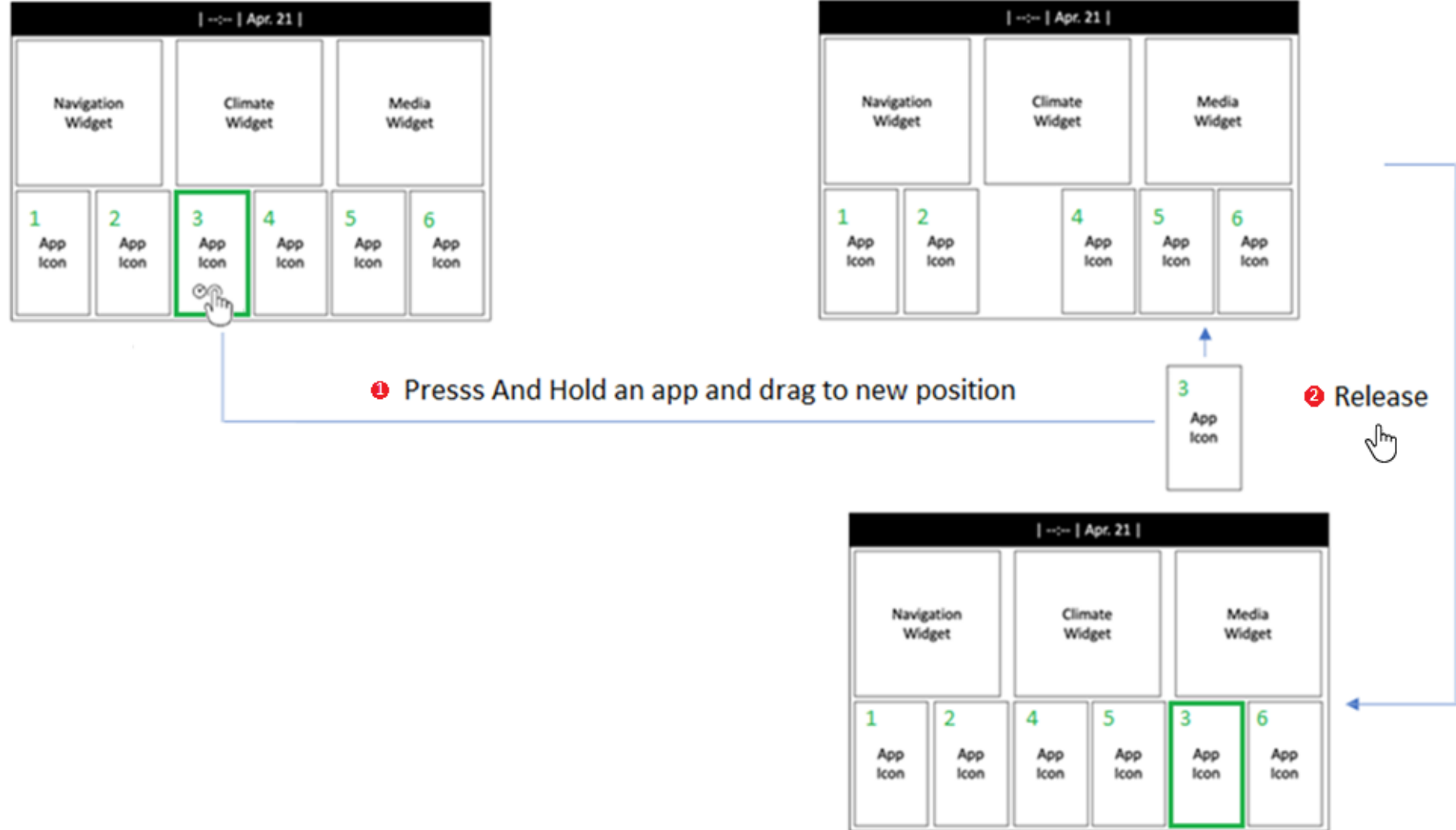# 3.6 Hard key

- Up and Down Hard Key in the Widget Area:

❶ From the widget list to the app list: Always shift focus to the first app in the app list.

❷ From the app list to the widget list: Always shift focus to the widget in the widget list.
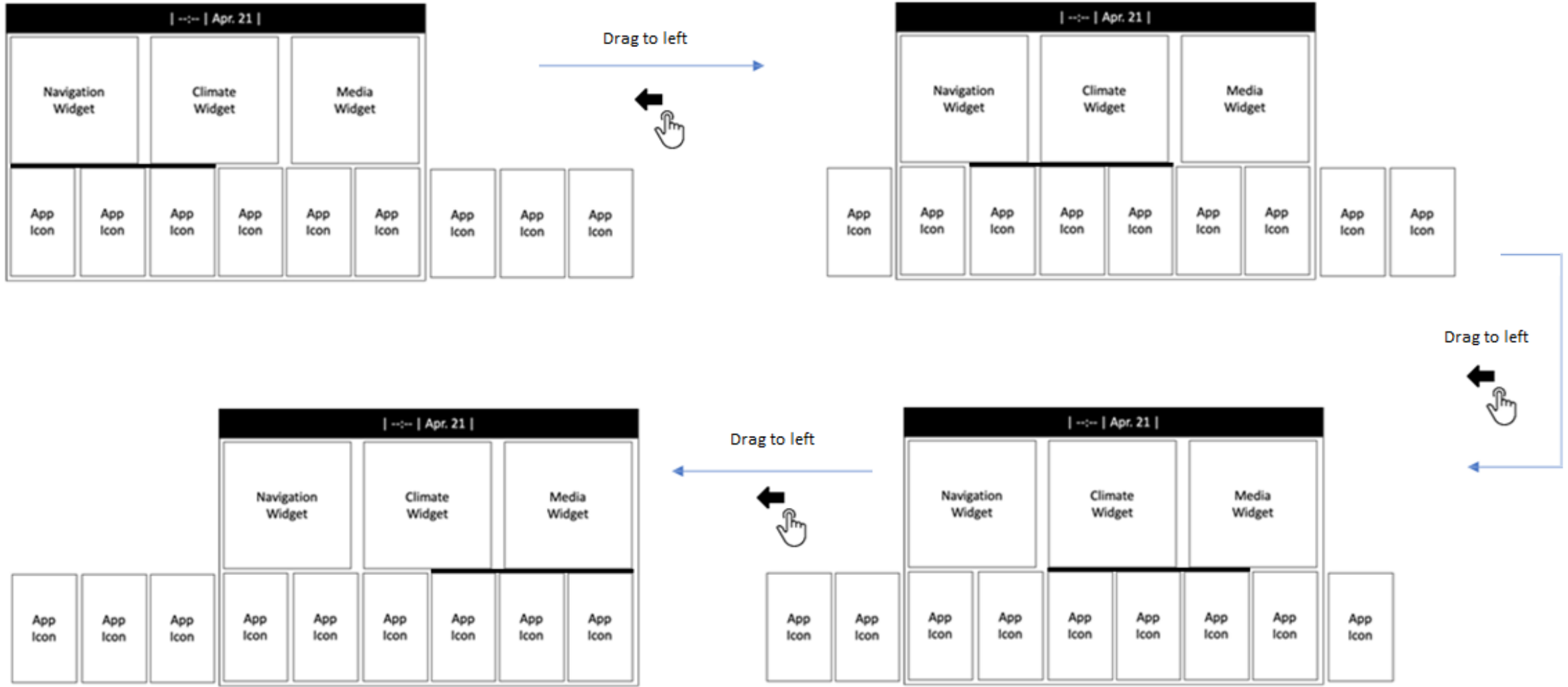
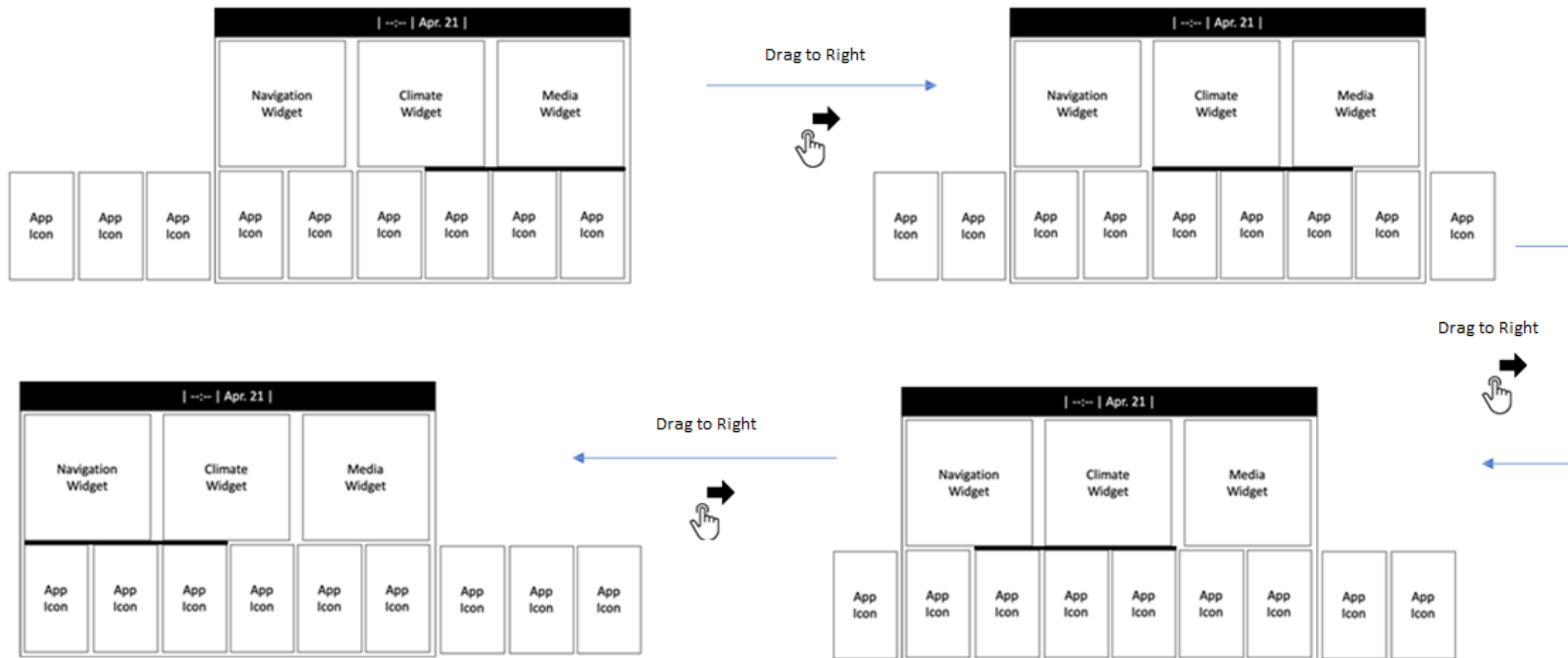• Left and Right Hard Key in the application menu:

3.7 Reorder app

❶ Presss And Hold an app and drag to new position
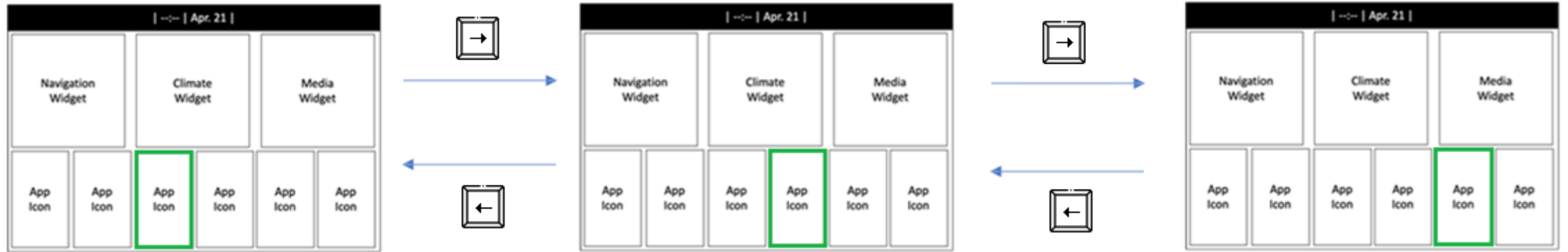
❷ Release

❶ While dragging an app, hardkeys and shortcuts are disabled

❷ After dropping an app, hardkeys and shortcuts are re-enabled

3.8 Flick app

- Drag to left

- Drag to right
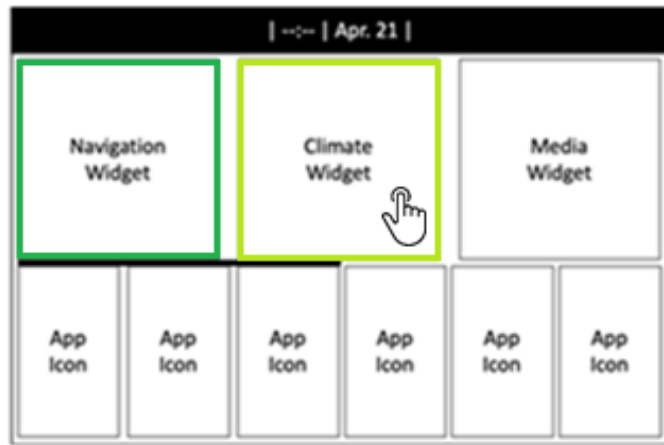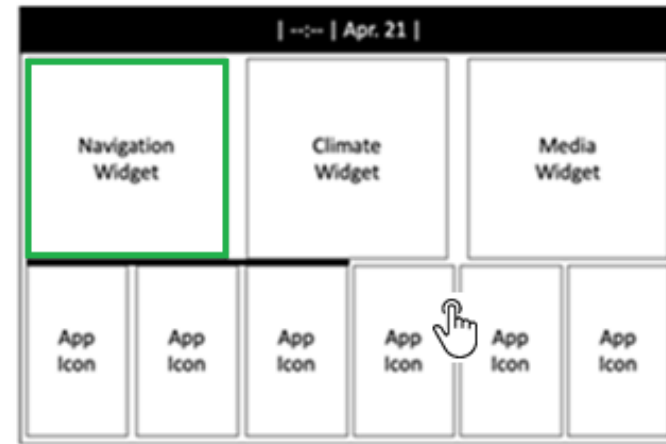
3.9 Press, Move and Release Outside App/Widget - No Focus

Press an any widget/app and move outside that area

Release