

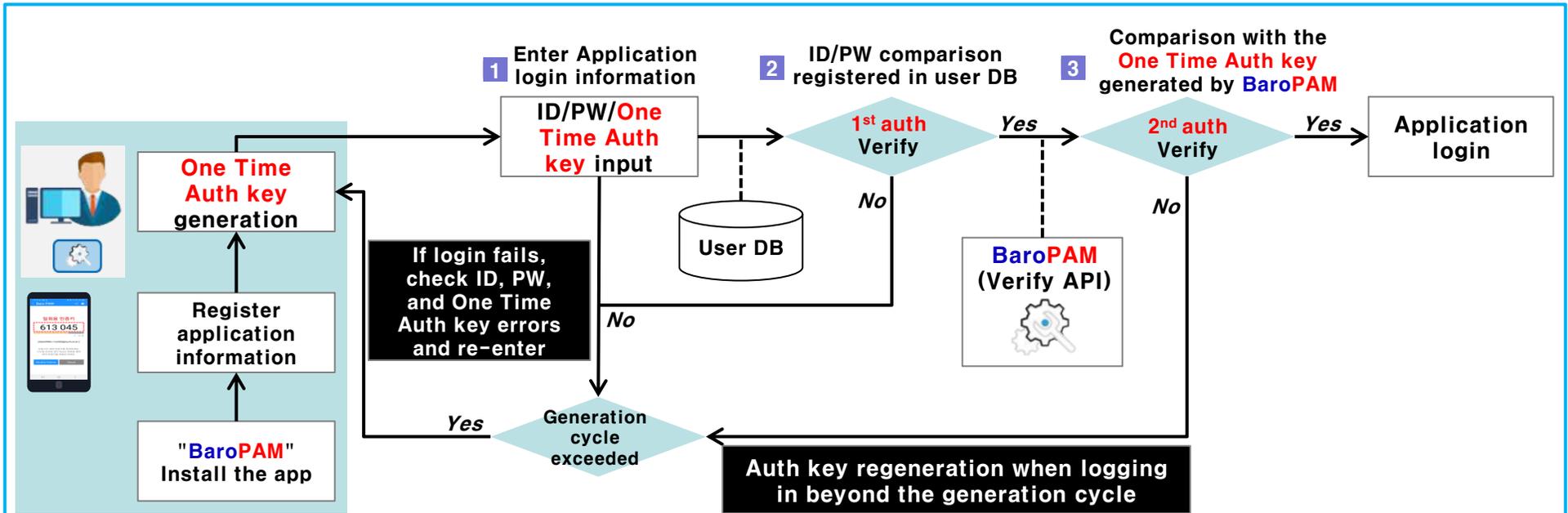
# BaroPAM application process

for **multi-layer authentication** to strengthen the security of information assets

Mar, 2025

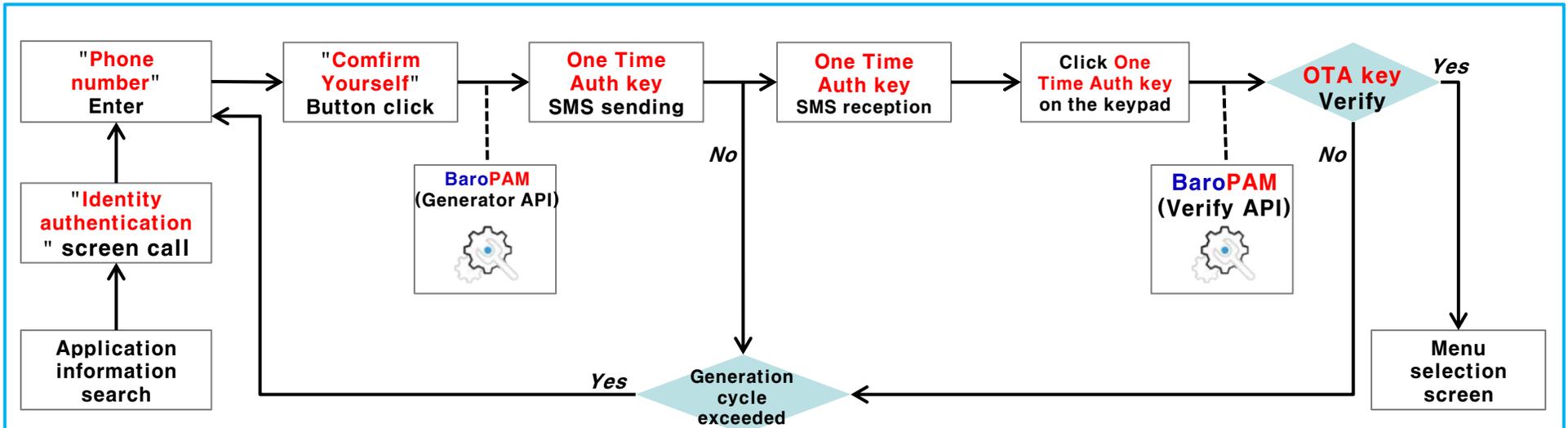


# 2<sup>nd</sup> authentication application process (Application)



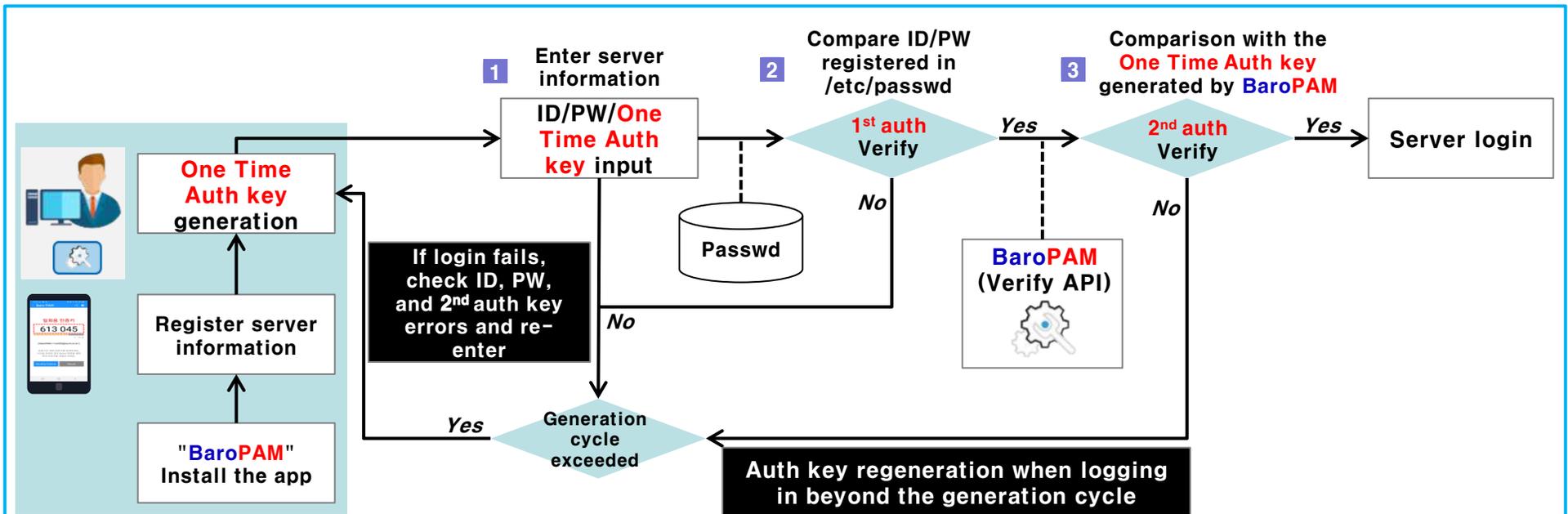
No	Division	Contents	Description
1	2 <sup>nd</sup> auth App (BaroPAM)	Download and install the BaroPAM app	-Android: Play Store access and "BaroPAMs" app download -iPhone: App Store access and "BaroPAMs" app download
2		Run the BaroPAM app	
3		Select the "One Time Auth key" button	-Select the right button at the bottom of the launched app
4		Register application login information	-System name: Application name -Identify: Login ID of application -Auth key cycle time: input between 3 and 60 seconds
5		After saving, click the item that search when viewing the list, and create a One Time Auth key	-iPhone users proceed with the identity verification process if they do not go through the identity verification process
6		Log in by accessing the application and entering ID, PW, and One Time Auth key	-Identify, Auth key cycle time, 2 <sup>nd</sup> authentication verification using One Time Auth key

# 1. Identity verification application process(iPhone)



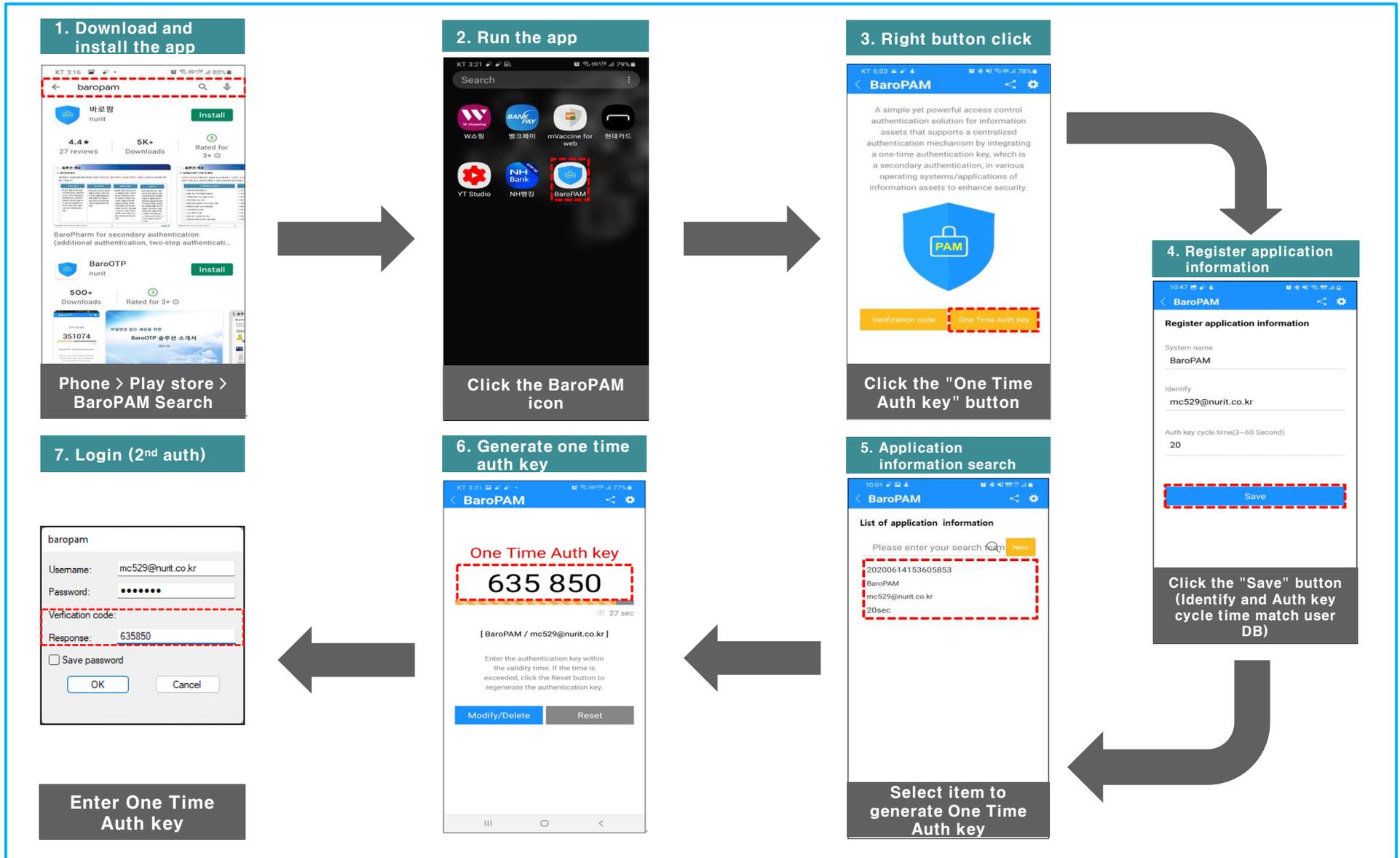
No	Division	Contents	Description
1	iPhone Identity Verification	In the Application information list, click the item to generate the <b>One Time Auth key</b>	-If you do not go through the identity verification process, proceed with the identity verification process
2		Calling the <b>"Identity Authentication"</b> screen	
3		Enter <b>"phone number"</b>	-Enter the phone number to authenticate yourself
4		Click the <b>"Comfirm Yourself"</b> button	- <b>One Time Auth key</b> , which is "Verification code", is generated by an internal algorithm -SMS interlocking screen call to transmit the created <b>One Time Auth key</b>
5		Send <b>"Verification code"</b> SMS	-After checking <b>One Time Auth key</b> , click the <b>"Send SMS"</b> button
6		Receive <b>"Verification code"</b> SMS	- <b>One Time Auth key</b> sent to your phone is displayed on the keypad -In case of wrong phone number, <b>One Time Auth key</b> is transmitted to other phone
7		Click <b>"Verification code"</b> on the keypad	- <b>One Time Auth key</b> verification by internal algorithm -If verification is successful, the menu selection screen is called, and if it fails, the identity verification screen is called

# 2<sup>nd</sup> authentication application process(OS)

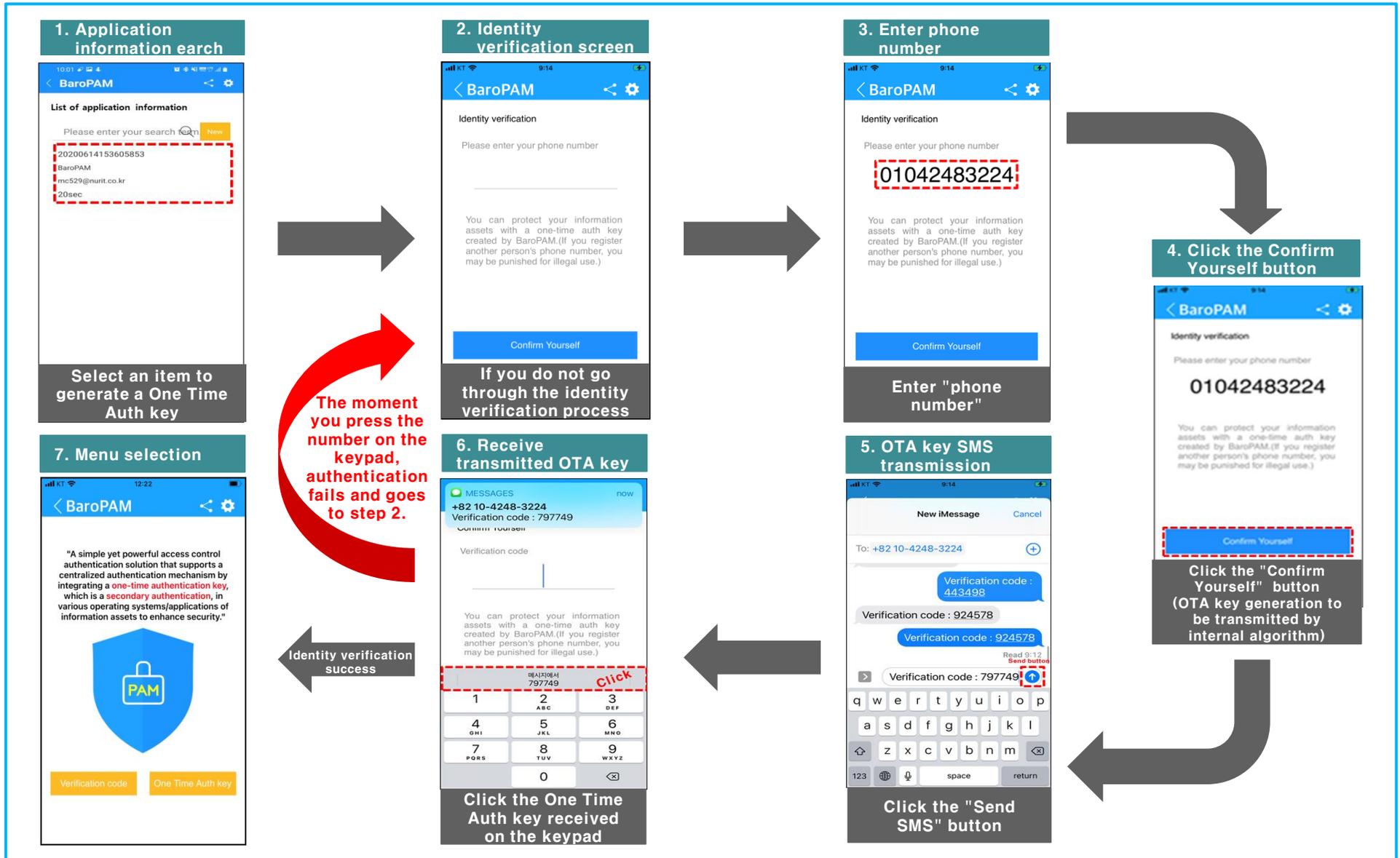


No	Division	Contents	Description
1	2 <sup>nd</sup> auth App (BaroPAM)	Download and install the BaroPAM app	-Android: Play Store access and "BaroPAMs" app download -iPhone: App Store access and "BaroPAMs" app download
2		Run the BaroPAM app	
3		Select the "Verification code" button	-Select the left button at the bottom of the launched app
4		Register server information	-System name: Server name -Secure key: Secure key given to the server(vendor issued) -Auth key cycle time: input between 3 and 60 seconds
5		After saving, click the item that search when viewing the list, and create a One Time Auth key	
6		Connect to the server and log in by entering ID, PW, and One Time Auth key	-Secure key, Auth key cycle time, 2 <sup>nd</sup> authentication verification using One Time Auth key

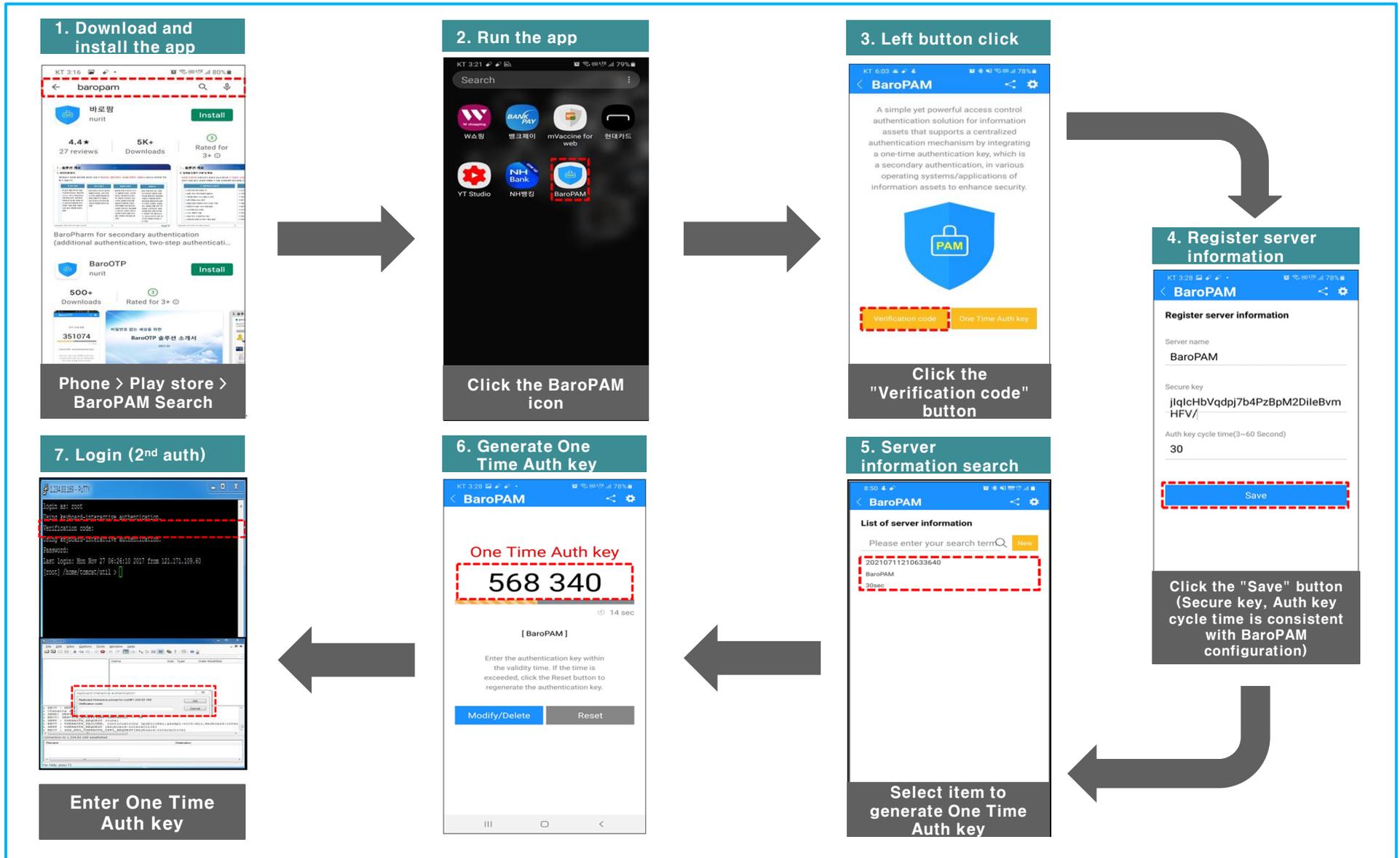
# II. 2<sup>nd</sup> authentication application demo screen(Application)



# II. Identity verification application demo screen(iPhone)



# II. 2<sup>nd</sup> authentication application demo screen(OS)



# III. Symptoms and actions that often occur on Android/iPhone

**Symptom:** In case of iPhone Verification code (\n 123456 in the message) is not displayed on the keypad when verifying the identity after installing the "BaroPAM" app

**Cause:** The iPhone's "password auto-complete" function is not set.

**Action:** After installing the "BaroPAM" app, be sure to set up a more convenient password auto-completion function from iOS12. (Go to iPhone's "Settings" -> "Passwords" -> "AutoFill Passwords" -> "Allow")

**Symptom:** If the date and time of the Android phone or iPhone is different from the current time and the "one-time authentication key" is not correct

**Cause:** It occurs because the date and time of the Android phone or iPhone are not using the time provided by the network.

**Action:** For Android phone, "Settings" -> "General management" -> "Date & Time" -> "Date & Auto Set" and "Time Zone Auto Set" -> "Allow"  
For iPhone, "Settings" -> "Date & Time" -> "Automatically set" -> "Allow" of the phone.

**Symptom:** When a message is sent to a specific type of phone number, it can be sent but not received  
If you can't send a message from your iPhone to your phone number

**Cause:** iPhone Settings Problems Related to Messages

**Action:** Solved after rebooting iPhone

First of all, please check the following to check if messages cannot be sent to your iPhone.

## 1. Settings-in the message

- Check if iMessage is active
- If iMessage is activated, check if your phone number is registered in sending and receiving
- Check if Send by SMS is enabled
- Confirm MMS message activation in SMS/MMS field
- Check if your phone number is registered in the blocked contacts in the SMS/MMS column, and if it is, remove it.
- Enabling notification in the mansion column

## 2. Try sending a new message to your iPhone number directly from the iPhone's Messages app.

- If the transmission does not work at all
- If transmission is possible but not reception

If not in the above case

If someone sends a message to your phone number and receives it normally, check the following URL for each case.

>> If you can't send or receive messages on your iPhone, iPad, or iPod touch

<https://support.apple.com/en-us/HT204065>

>> 'Why is my iPhone not sending messages?': How to troubleshoot iPhone messaging issues

<https://www.businessinsider.com/why-is-my-iphone-not-sending-messages>

>> Setting up text message forwarding

<https://support.apple.com/ko-kr/HT208386>

**Password** you don't need to remember!  
**BaroPAM** will be with you.

**Thank You!**

[www.nurit.co.kr](http://www.nurit.co.kr)  
**mc529@nurit.co.kr**