VINCSS FIDO2 MOBILE APPLICATION USER MANUAL

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Written by: Production department, VinCSS

Contact:

Email:

Phone:

VINCSS INTERNET SECURITY SERVICES
No 7, Bang Lang 1 Street, Vinhomes Riverside, Viet Hung Ward, Long Bien District, Hanoi.

VERSION TRACKING

| Version	Date	Writer	Department	Contact	Note
1.0	04/11/2021		Production department, VinCSS		Initializing document

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I. iOS

I.1. Install the VinCSS FIDO2 application.

- Search the keyword VinCSS FIDO2 on the App Store, click **Get** to install. After the VinCSS FIDO2 is successfully installed, click **Open** to access.
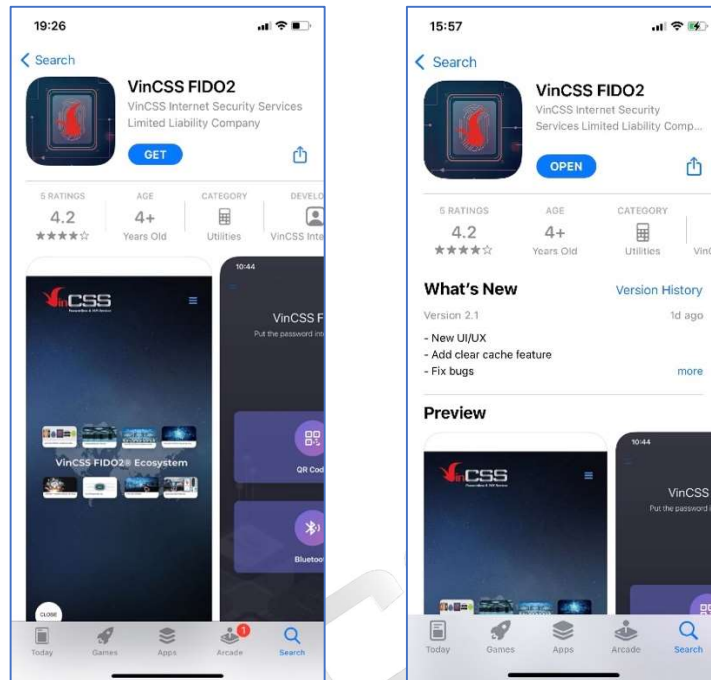
- If using free version, click **Close** to turn off the VinCSS FIDO2 Ecosystem information to enter the main interface of the application.
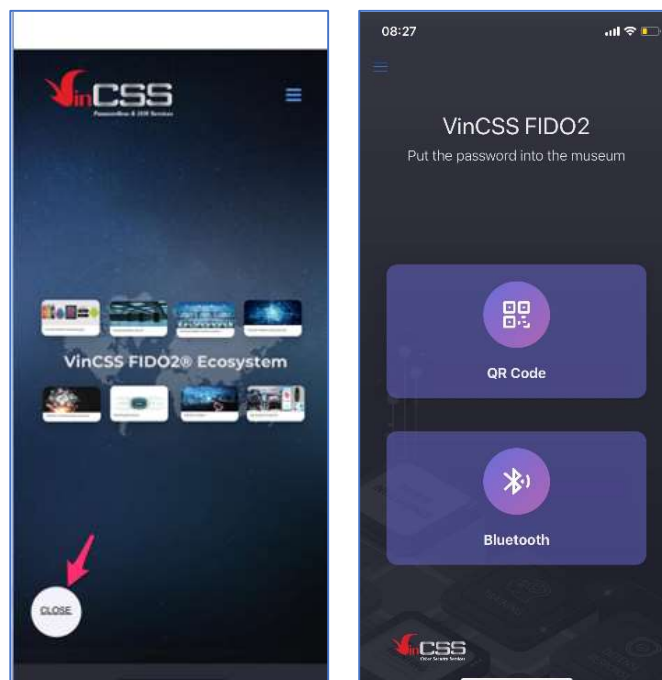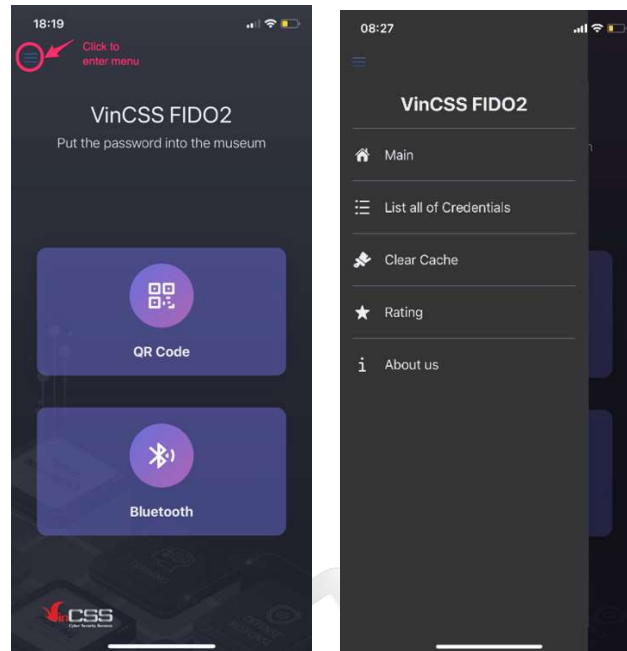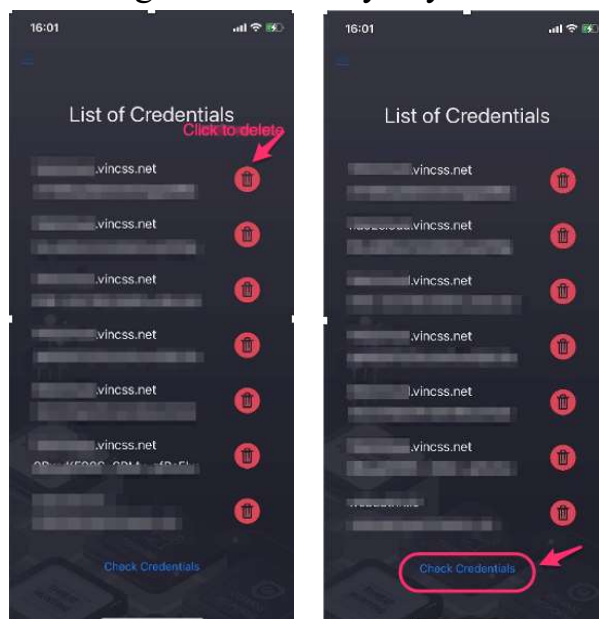
I.2. VinCSS FIDO2 application on iOS

The VinCSS FIDO2 application interface on iOS will show the main functions:
Menu bar, QR Code, Bluetooth.

I.2.1. Menu bar

- Click on the **Menu** icon in the application *(red circle marked as below)*.

- The menu includes:
  - o **Main**: click to return the main screen.
  - o **List all credentials**: list of security keys registered with applications
    for the passwordless authentication. Click **Check Credentials** to check
   the status of the registered security keys.

- o **Clear Cache**: allow user to delete application Cache and Cookies.
- o **Rating**: rate VinCSS FIDO2 application on App Strore.
- o **About us**: redirect to https://vincss.net for information about VinCSS Internet Security Services Co., Ltd.

I.2.2. QR Code

The QR Code function is used to register the security key and log in the system via the QR Code scanning method.

*Note: To use the QR Code scanning function by the VinCSS FIDO2 application, the mobile needs to grant the camera access to the application and must enable FaceID/TouchID unlock function. Access to **Settings > VinCSS FIDO2** to allow using Camera and FaceID/TouchID function for the VinCSS FIDO2 application.*
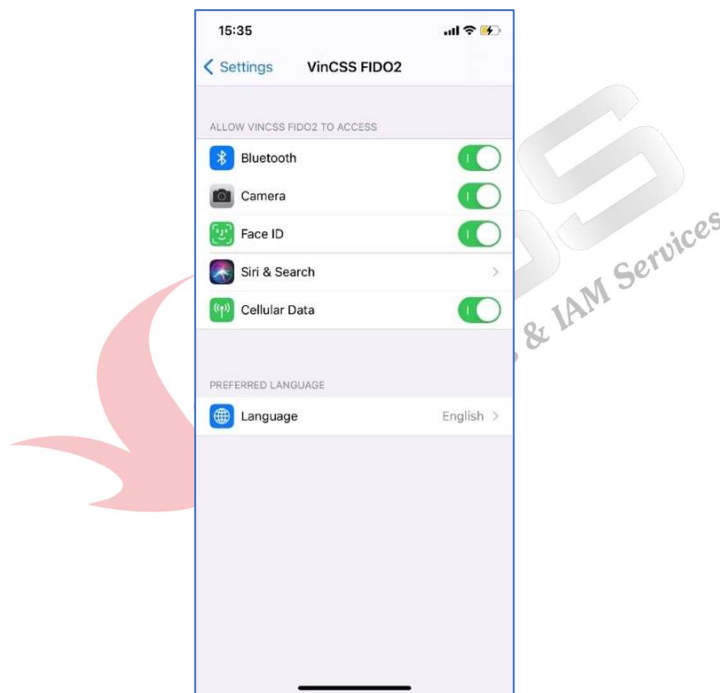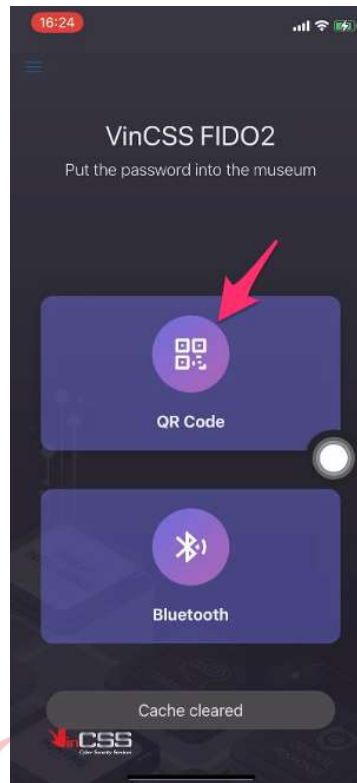

I.2.2.1. *Register the security key*

- Contact the administrator to receive the QR Code for registering VinCSS FIDO2 authentication soft key *(this QR Code is only valid for the limited time depending on the settings of each system)*.
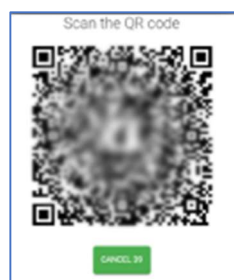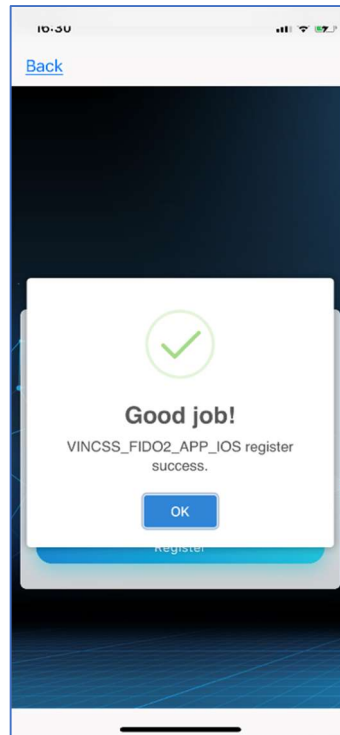
- Click on the **QR Code** icon on VinCSS FIDO2 mobile application and scan the QR Code

- The key information will be displayed on the screen. Click **Register,** then scan the FaceID/TouchID to confirm.
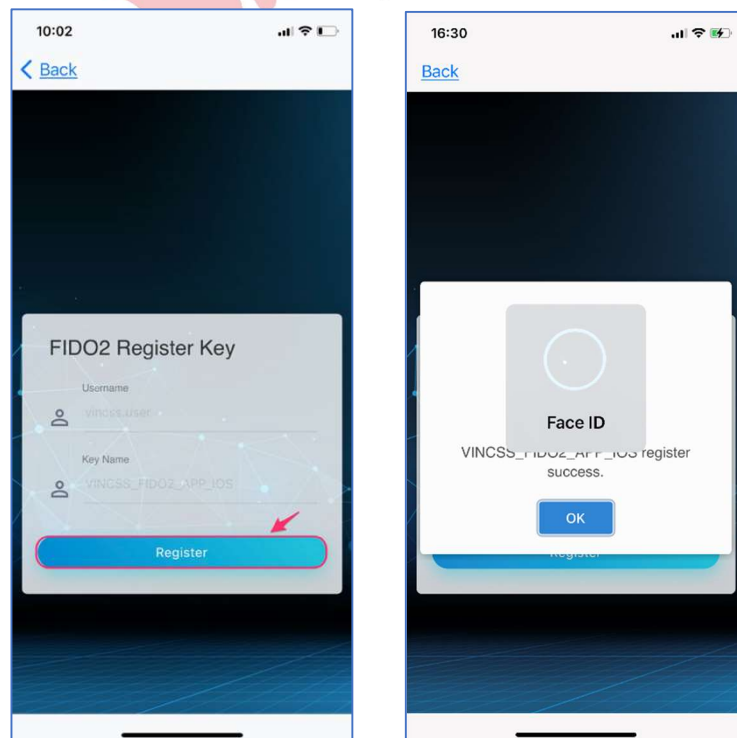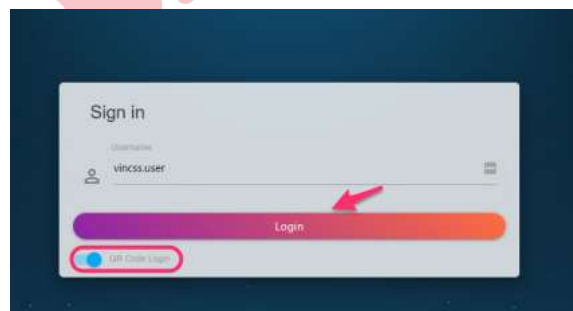
- The confirmation of the successfully registered key will be shown.
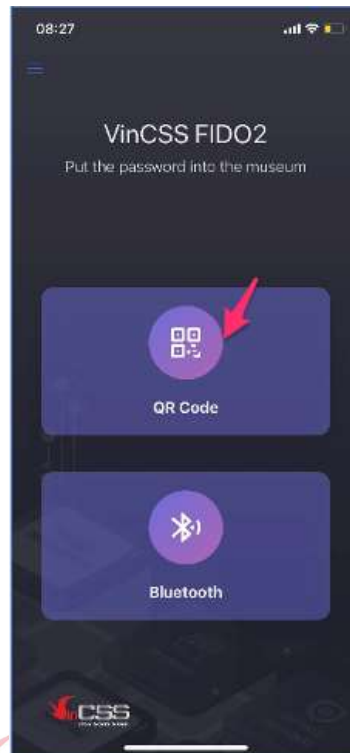

I.2.2.2. *Login the system*

- To access the system with FIDO2 passwordless login by QR Code scanning, enter the username *(all in lowercase)*, enable **QR Code Login** then click **Login**.
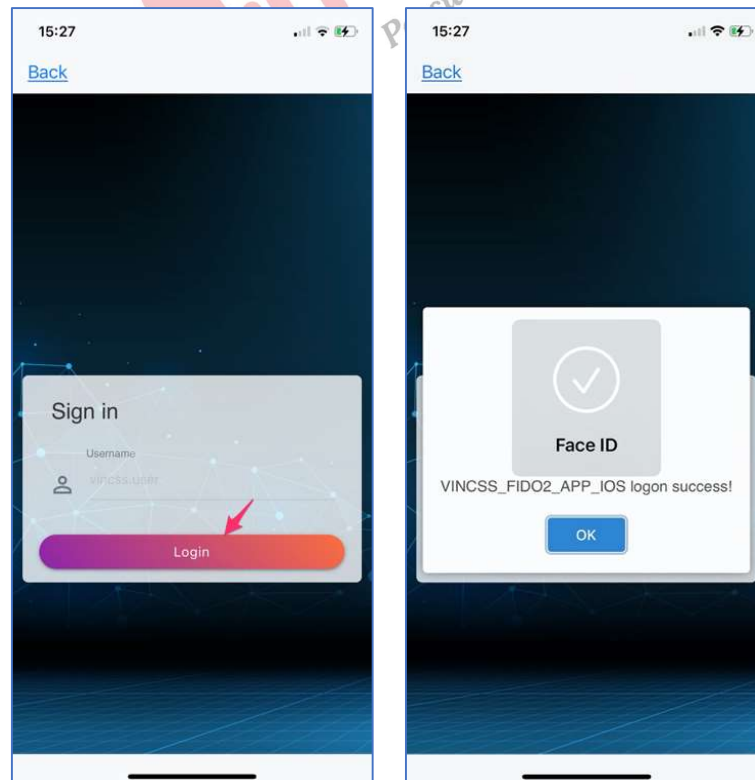

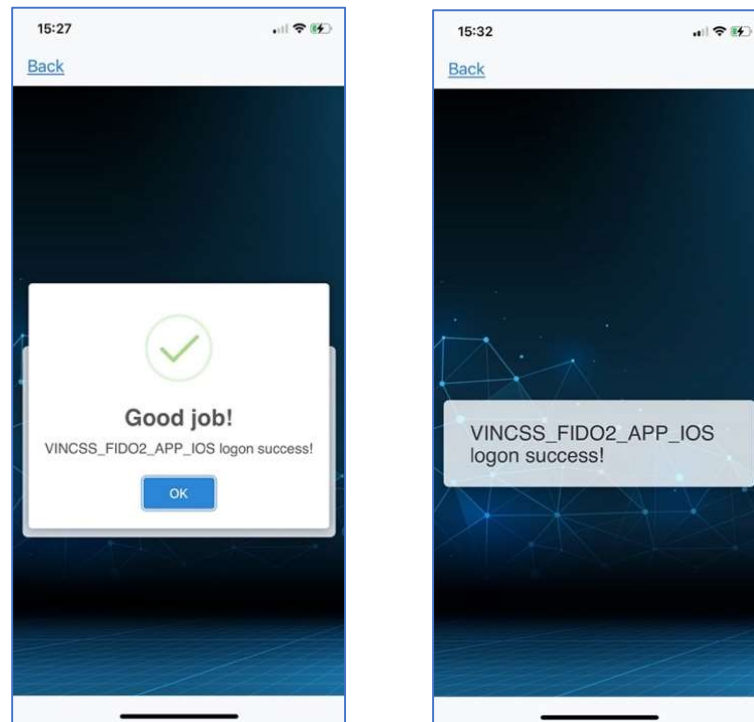- The QR Code will be displayed on the screen as below.

- Click on the **QR Code** icon on the VinCSS FIDO2 mobile application and scan the QR Code.

- The key information will be displayed on the screen. Click **Login** then scan the FaceID/TouchID to confirm.
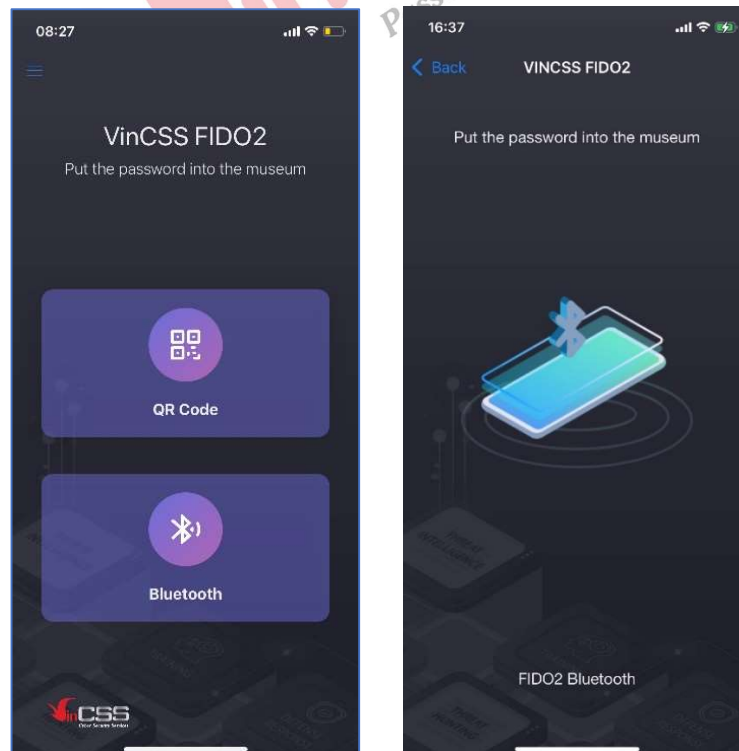
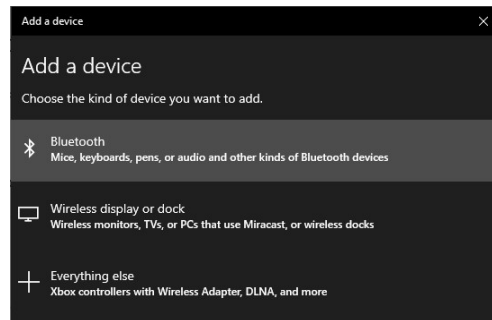- Successful authentication message will be displayed as below.

I.2.3. Bluetooth

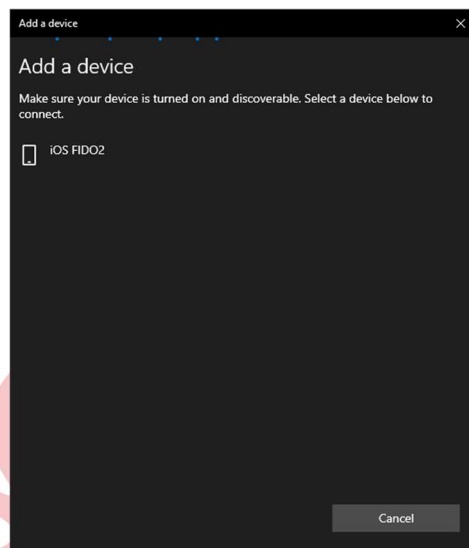### *I.2.3.1. Connect the mobile to the computer via Bluetooth*

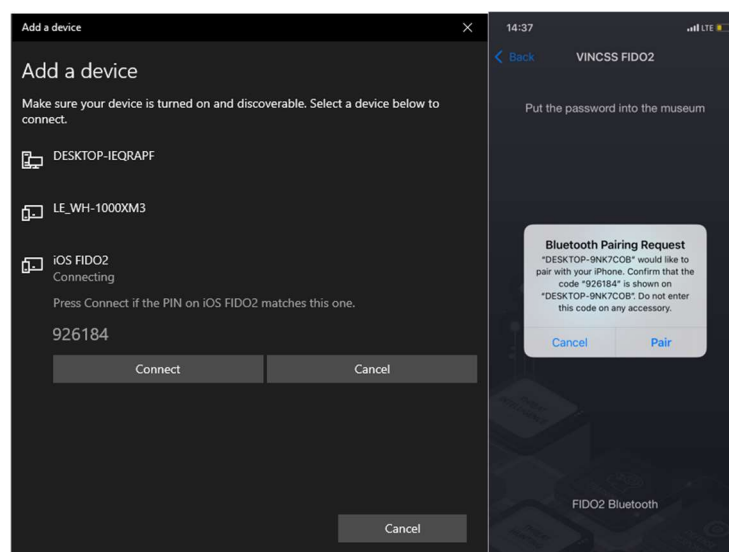- Open VinCSS FIDO2 mobile application, then select **Bluetooth**.

- Select **Settings** > **Bluetooth & other devices** > **Add Bluetooth or other devices** on the computer.
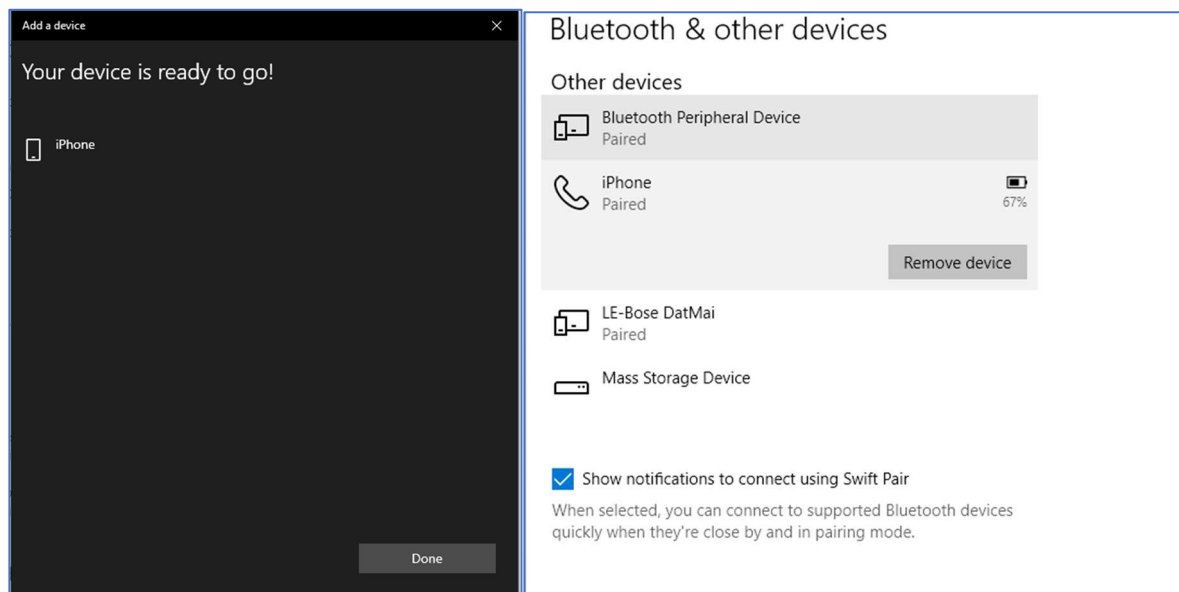

- Select the device that needs to pair with the computer.

- On the mobile and computer will display the state of pairing. Check the PIN Code, click **Connect** on the computer and click **Pair** on the mobile for device pairing.
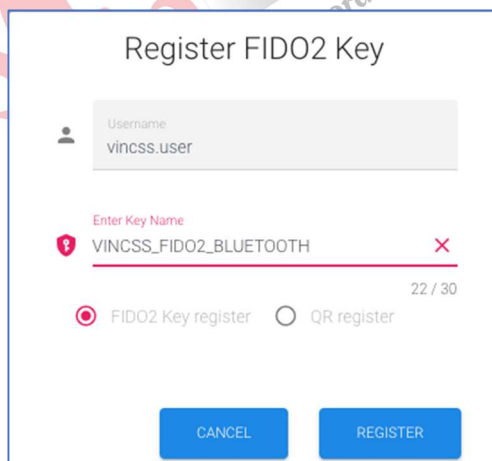
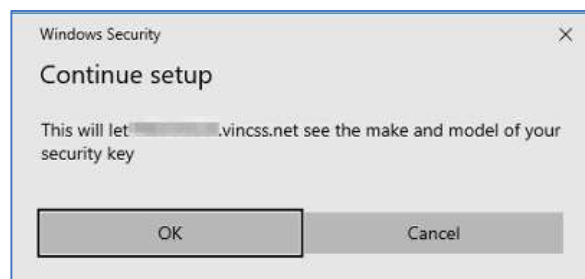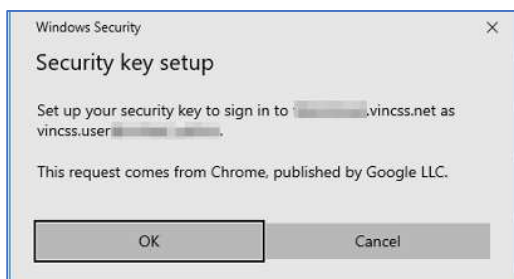- The successfully paired device information is displayed on the computer.

## I.2.3.2. *Register the security key*

- Connect the mobile to the computer via Bluetooth according to the section **I.2.3.1.**
- Contact the administrator to access the interface of registering security key.
- Enter the name of key and select **FIDO2 Key Register,** then click **Register.**
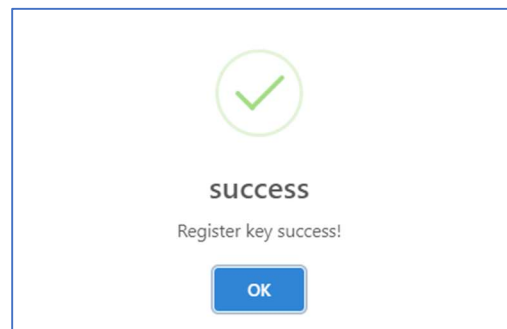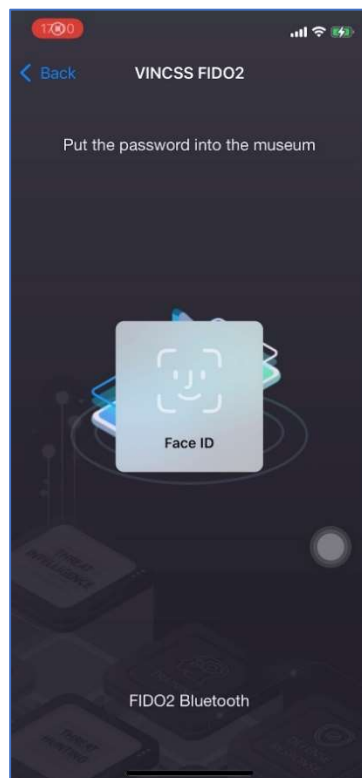

- Click **OK** to continue the security key registration.

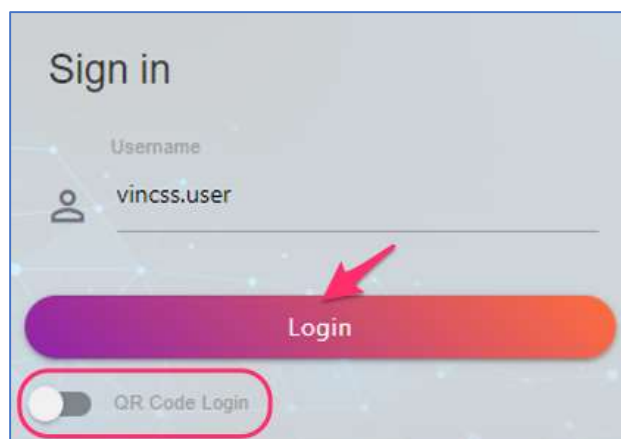- The computer will request user to activate the security key.
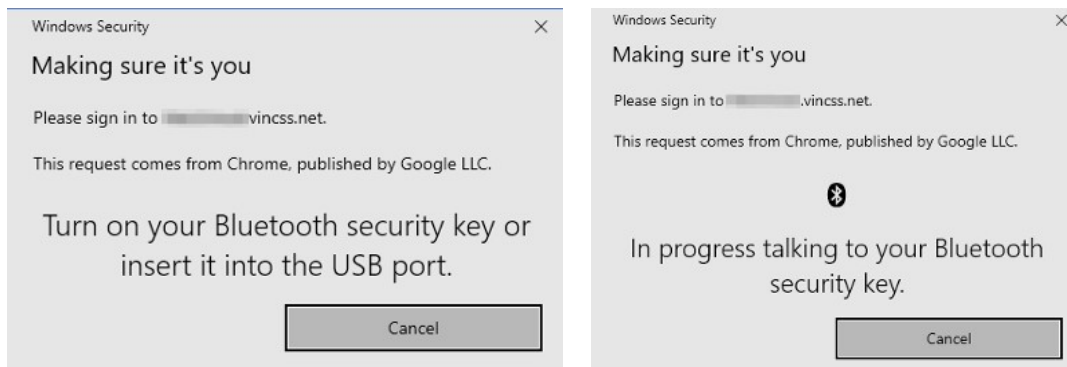
- Use TouchID/FaceID function *(depends on mobile configuration)* to authenticate. A message will be displayed on the screen to confirm the successful registration.
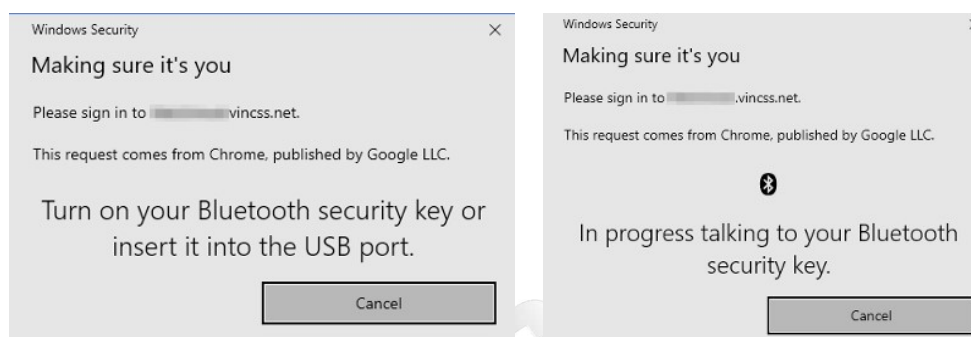

I.2.3.3. *Log in the system*

- Connect the mobile to the computer via Bluetooth according to the section **I.2.3.1**.
- For the FIDO2 passwordless authentication integrated applications, type the username on the login screen *(all in lowercase)* and then click **Login** *(note: **disable QR Code Login**)*.

- The computer will request user to activate the security key.

- Use TouchID/FaceID function *(depends on mobile configuration) (depends on mobile configuration)* to complete the login process.
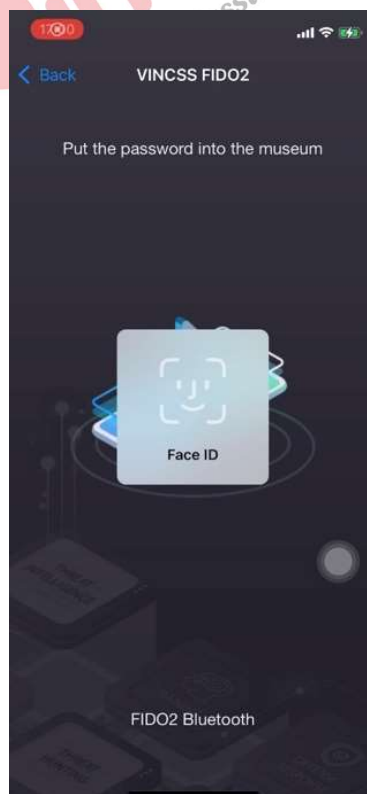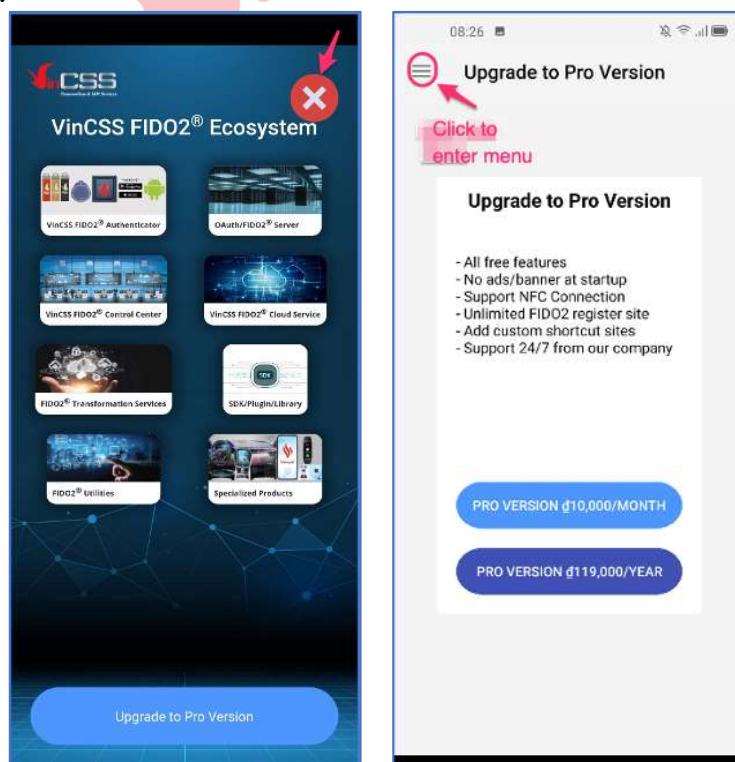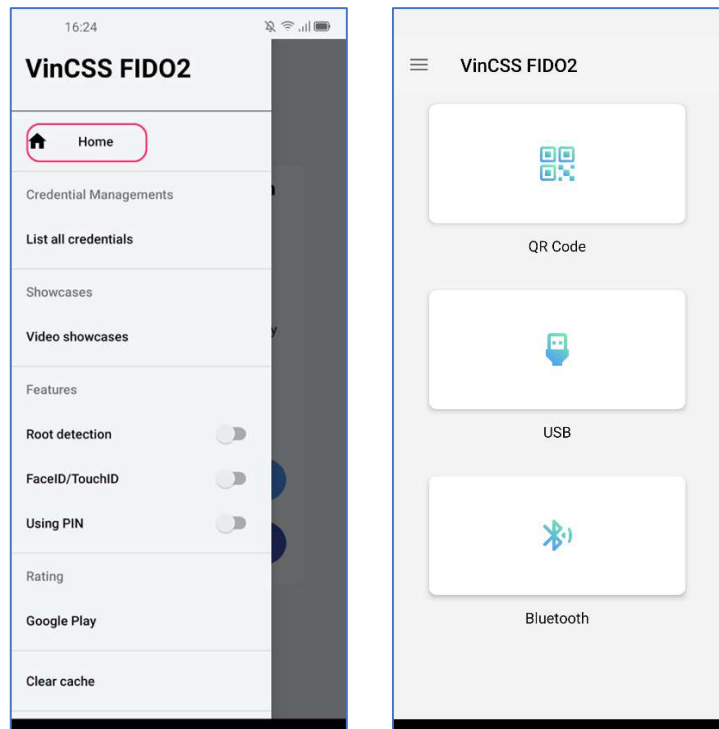
II. ANDROID

II.1. Install the VinCSS FIDO2 application

- Search the keyword **VinCSS FIDO2** on the Play Store, click **Install** to set-up the application. After the application is successfully installed, click **Open** to access.
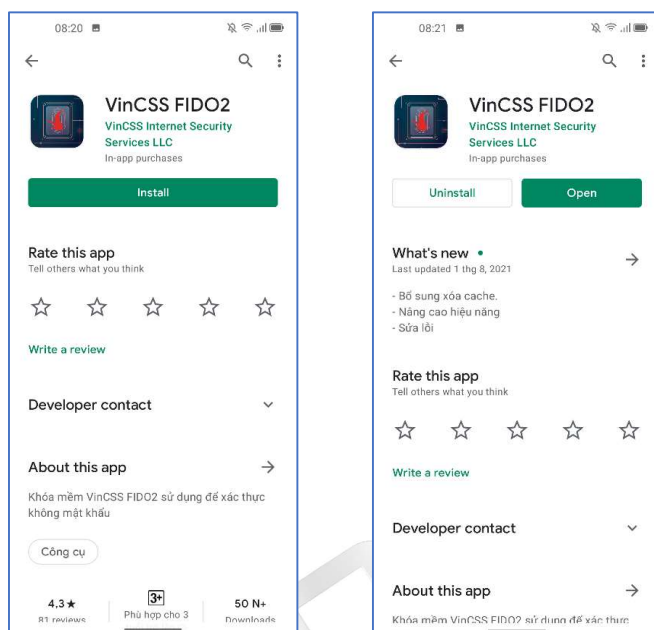
- If using free version, click (**X**) to turn off the VinCSS FIDO2 Ecosystem information. Click on the **Menu** bar, and select **Home** to enter the main interface.
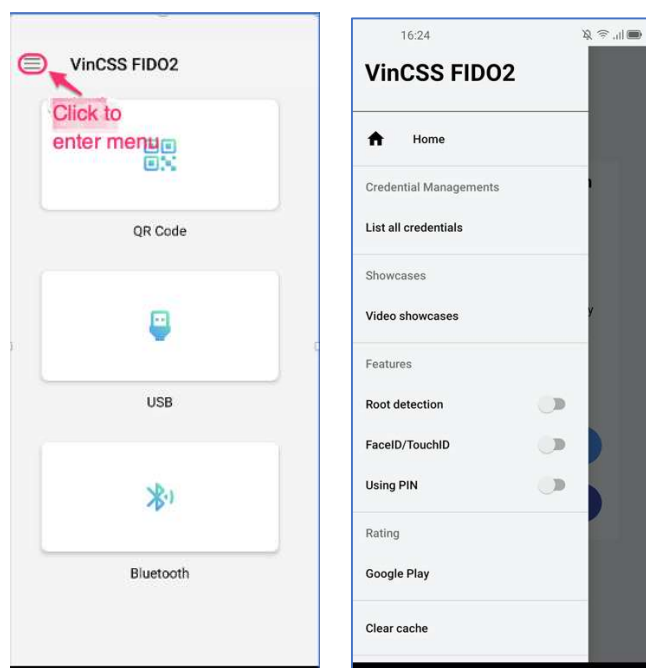
## II.2. VinCSS FIDO2 application on Android

The VinCSS FIDO2 application interface on Android will show the main functions: Menu bar, QR Code, Bluetooth.

II.2.1. Menu bar

- On the application interface, click on the **Menu** bar (red circle marked as below).

- The displayed information includes:
  o **Main:** click to return the main screen.
  o **List all credentials:** list of security keys registered with applications for the passwordless authentication. The function of deleting the authentication key is only supported on the Pro version of the VinCSS FIDO2 application.
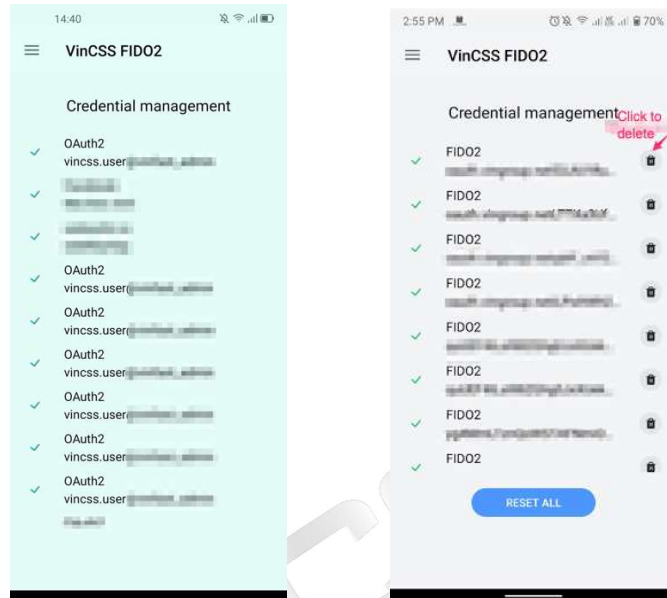
Basic version   **Pro version**

  o **Video showcases**: display the VinCSS FIDO2 Ecosystem information, video tutorials on using the VinCSS products in each specific use case.
  o **Root dection**: enable this feature to get alert on the device has been rooted and not secure to use.
  o **FaceID/TouchID**: enable this feature to protect the VinCSS FIDO2 application. The device needs to set up the fingerprint or FaceID unlock function before enabling this feature.
  o **Using PIN**: enable this feature to allow using the PIN Code instead of the TouchID function to register/use the security key by the VinCSS FIDO2 application *(this PIN is different from the PIN set up to unlock the phone)*
  o **Google Play**: rate the application on Play Store
  o **Clear cache**: allow user to delete application Cache and Cookies.

II.2.2. QR Code

The QR Code function is used to register the security key and log in the system via the QR Code scanning method.

*Note: To use the QR Code scanning function by VinCSS FIDO2 application, the mobile needs to grant the camera access to the application and must enable the fingerprint unlock function or select the **Using PIN** setting in the VinCSS FIDO2 application set up (section **II.2.1 Menu bar**)*

II.2.2.1. Register the security key

- Contact the administrator to receive a QR Code for registering the VinCSS FIDO2 authentication soft key *(this QR Code is only valid for the limited time depending on the settings of each system).*
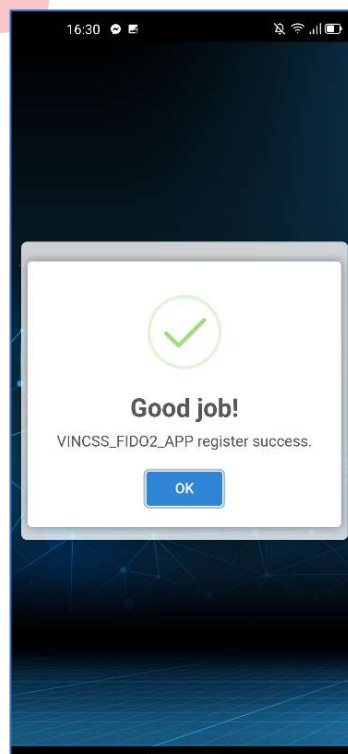

- Click on the **QR Code** icon on VinCSS FIDO2 mobile application and scan the QR Code.
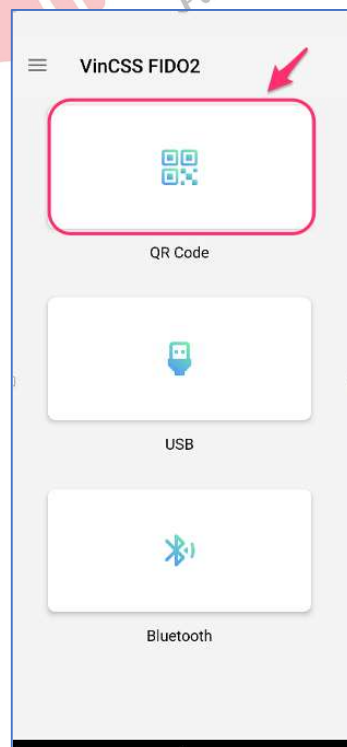
- The key information will be displayed on the screen. Click **Register,** then use the fingerprint verification or enter the PIN Code *(depends on mobile configuration)* to confirm.
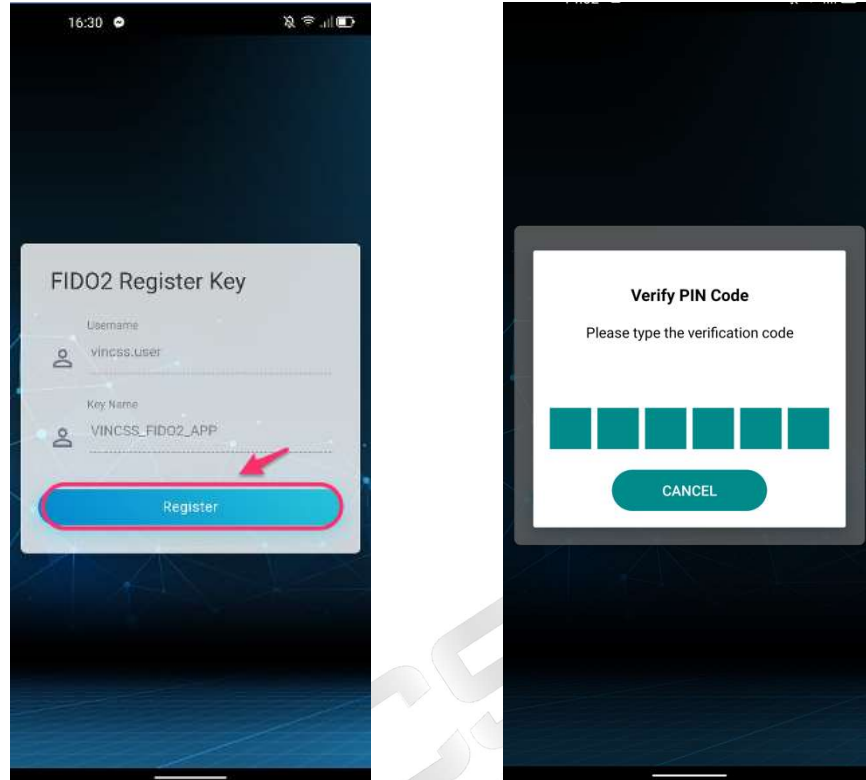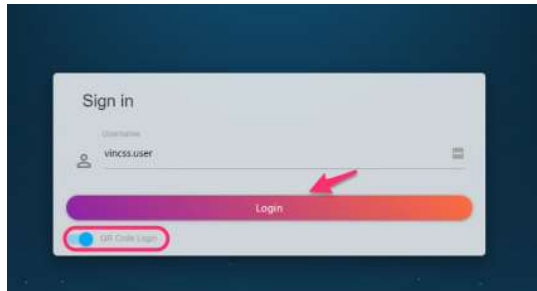

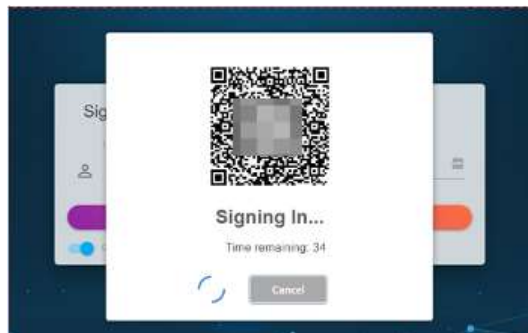- The confirmation of the successfully registered key message will be shown on the screen.
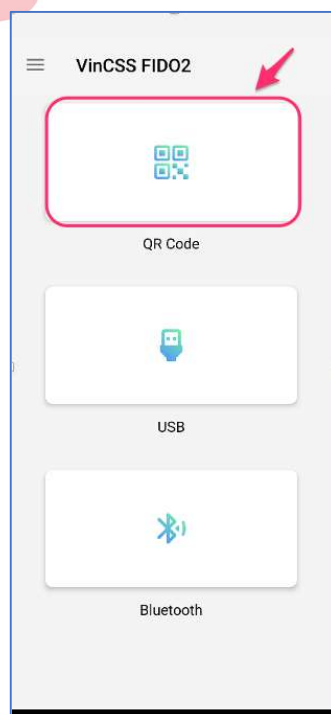
II.2.2.2. *Log in the system*

- To access the system with FIDO2 passwordless login by QR Code scanning, enter the username *(all in lowercase)*, enable **QR Code Login** then click **Login**.
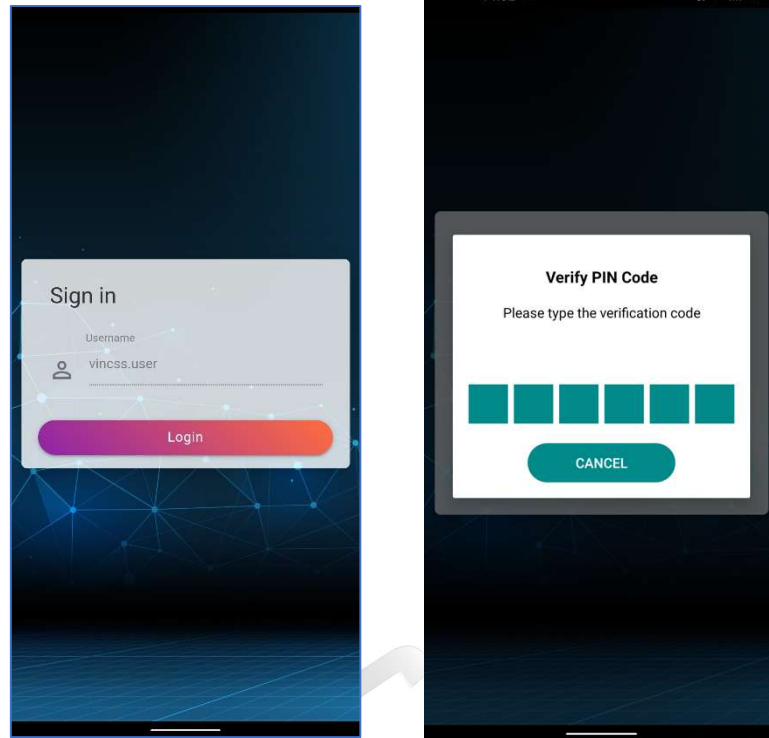

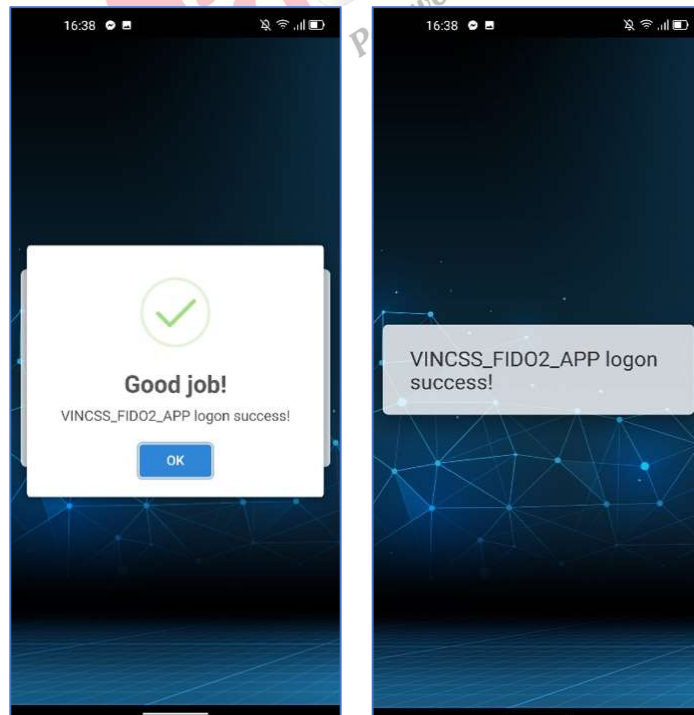- The QR Code will be displayed on the screen as below.

- Click on the **QR Code** icon on VinCSS FIDO2 mobile application and scan the QR Code.

- The key information will be displayed as below. Click **Login,** then use the fingerprint verification or enter the PIN Code *(depends on mobile configuration)* to confirm.

- Successful authentication message will be displayed as below.

II.2.3. USB

II.2.3.1. Connect the mobile to the computer via USB cable

Note: The illustrations in this section were made on the Vsmart Live 4 mobile with the VOS 4.0 operating system that supports FIDO2. These steps are similar on other mobile that supports the FIDO2 Certificate in OS (Example: Vsmart Aris/Aris Pro, Live 4…).

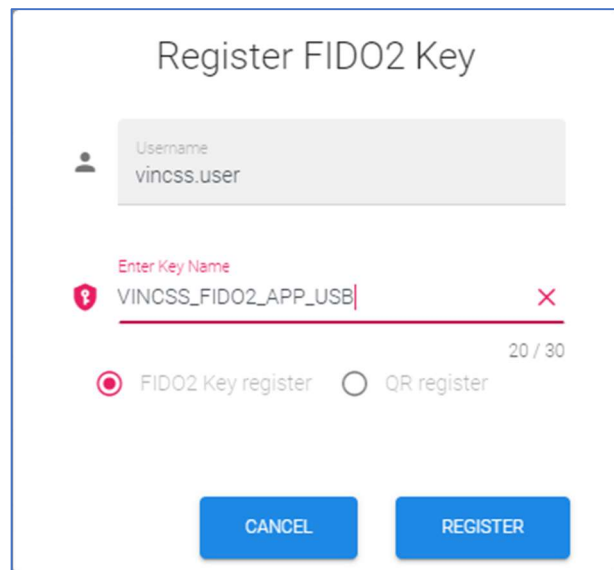- Connect the mobile to computer via USB cable. Select **Settings > Connection > USB** on the mobile. Choose FIDO.
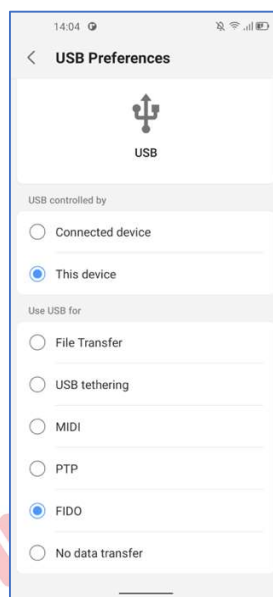
- Open the VinCSS FIDO2 mobile application, select USB. The application interface will display a ready-to-use message in USB connection mode.
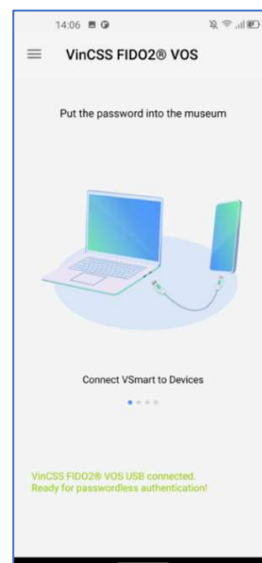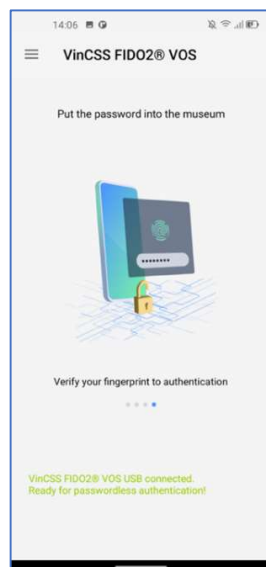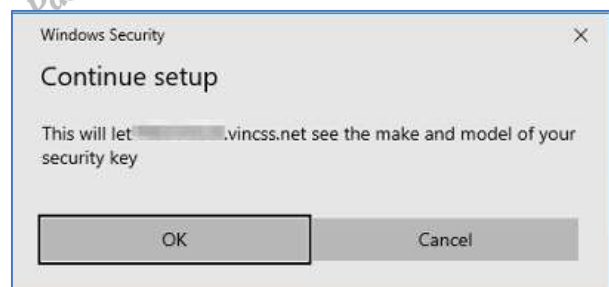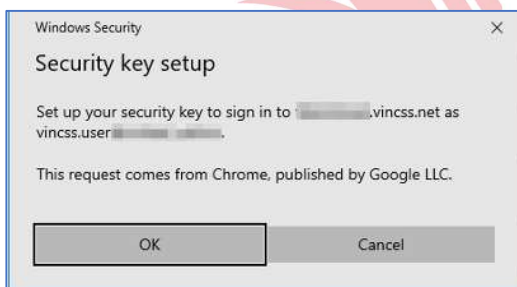
II.2.3.2. *Register the security key*

- Connect the mobile to computer via USB cable according to the section **II.2.3.1**
- Contact the administrator to access the interface of registering security key.
- Enter the name of key and select **FIDO2 Key Register,** and then click **Register.**
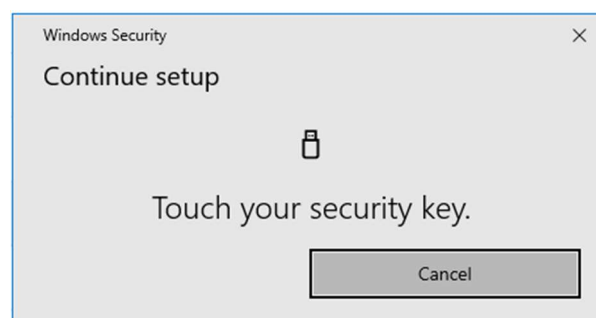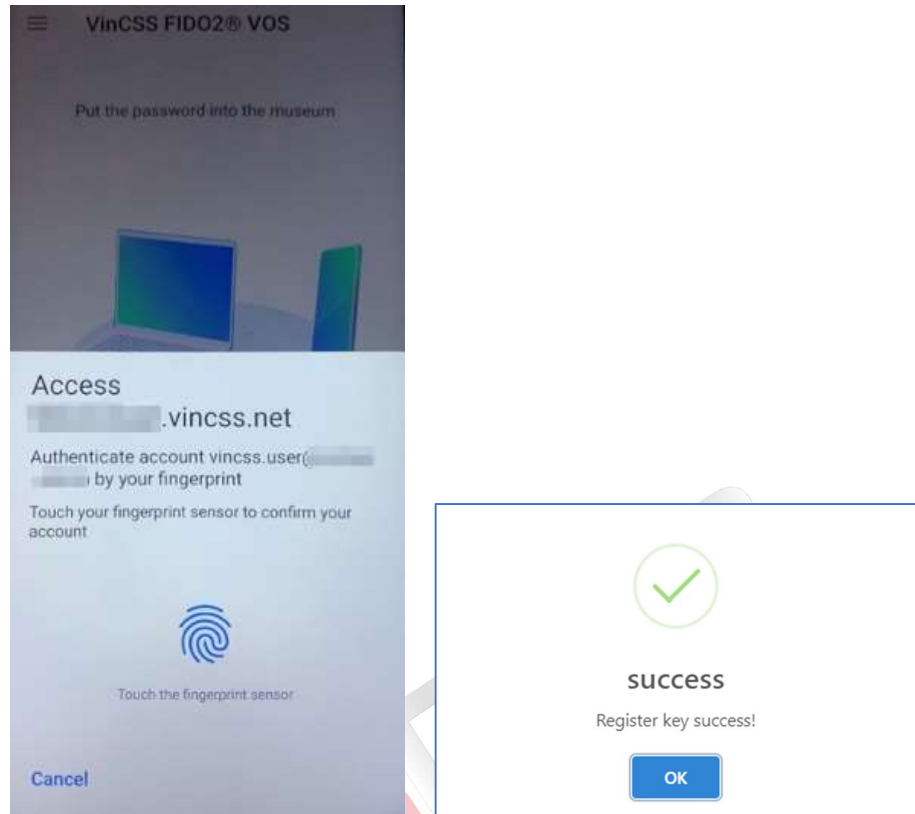

- Click **OK** to continue the security key registration.

- The computer will request user to activate the security key.

- Use Fingerprint or PIN code to authenticate *(depends on mobile configuration)*. A message will be displayed on the screen to confirm the successful registration.


II.2.3.3. *Log in the system*

- Connect the mobile to the computer via USB cable according to the section **II.2.3.1**
- For the FIDO2 passwordless authentication integrated applications, type the username on the login screen *(all in lowercase)* and click **Login** *(note: disable QR Code Login)*.
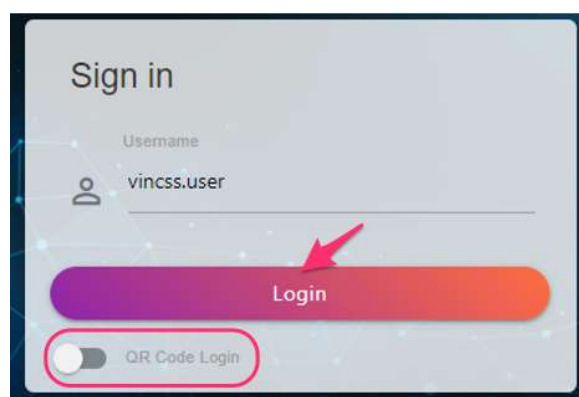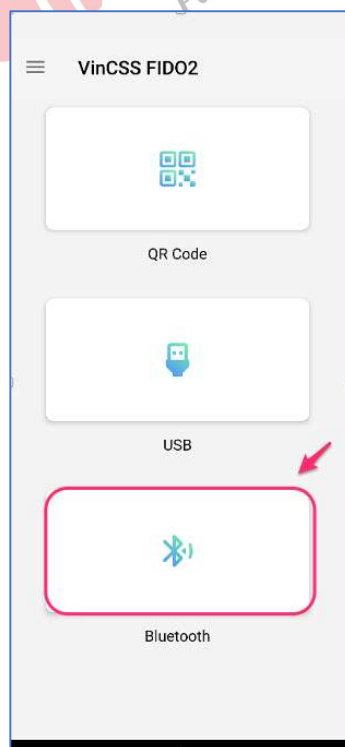
- Use Fingerprint or PIN code to authenticate *(depends on mobile configuration)* to complete the login process.
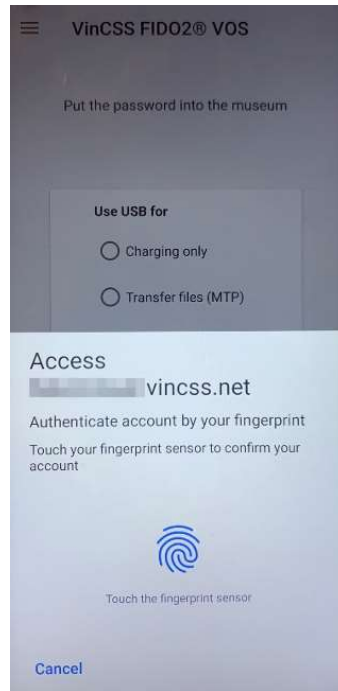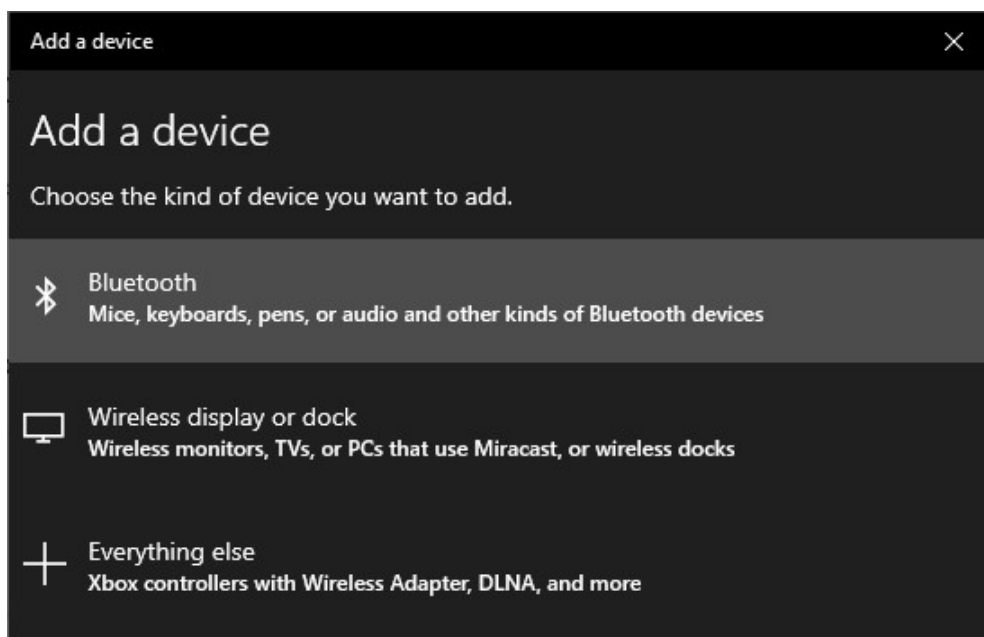

II.2.4. Bluetooth

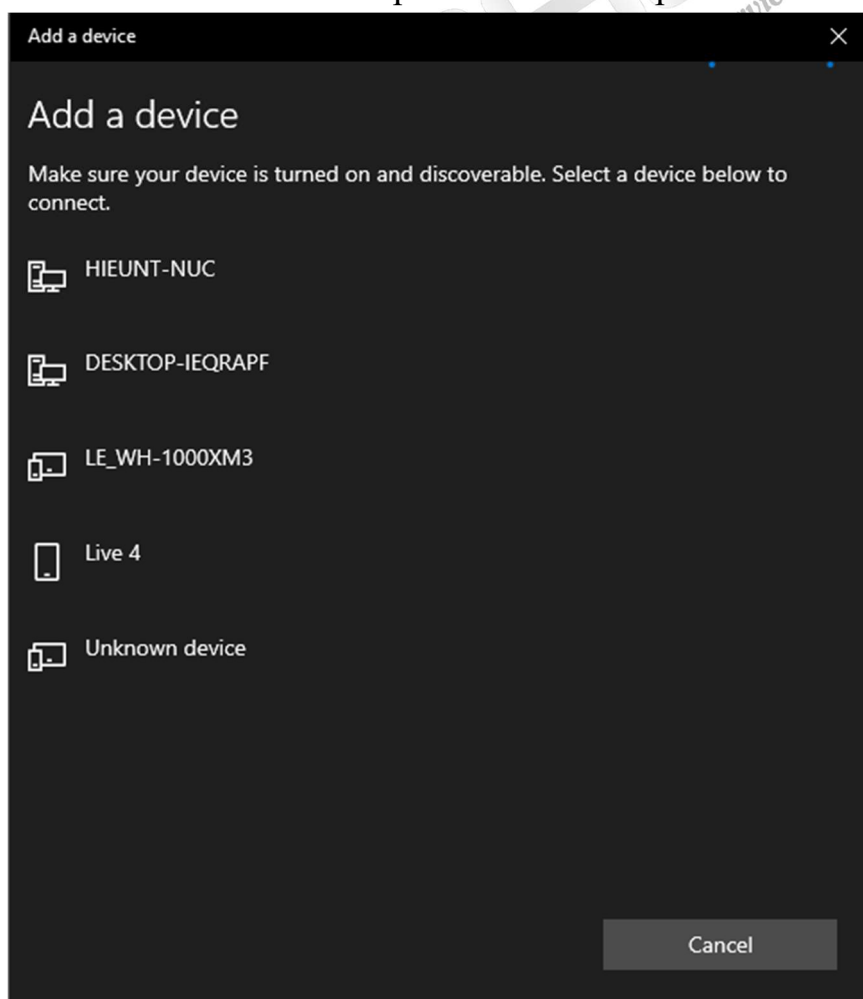### *II.2.4.1. Connect the mobile to the computer via Bluetooth*

- Open VinCSS FIDO2 mobile application, then select **Bluetooth**.

- Select **Settings** > **Bluetooth & other devices** > **Add Bluetooth or other devices** on the computer.
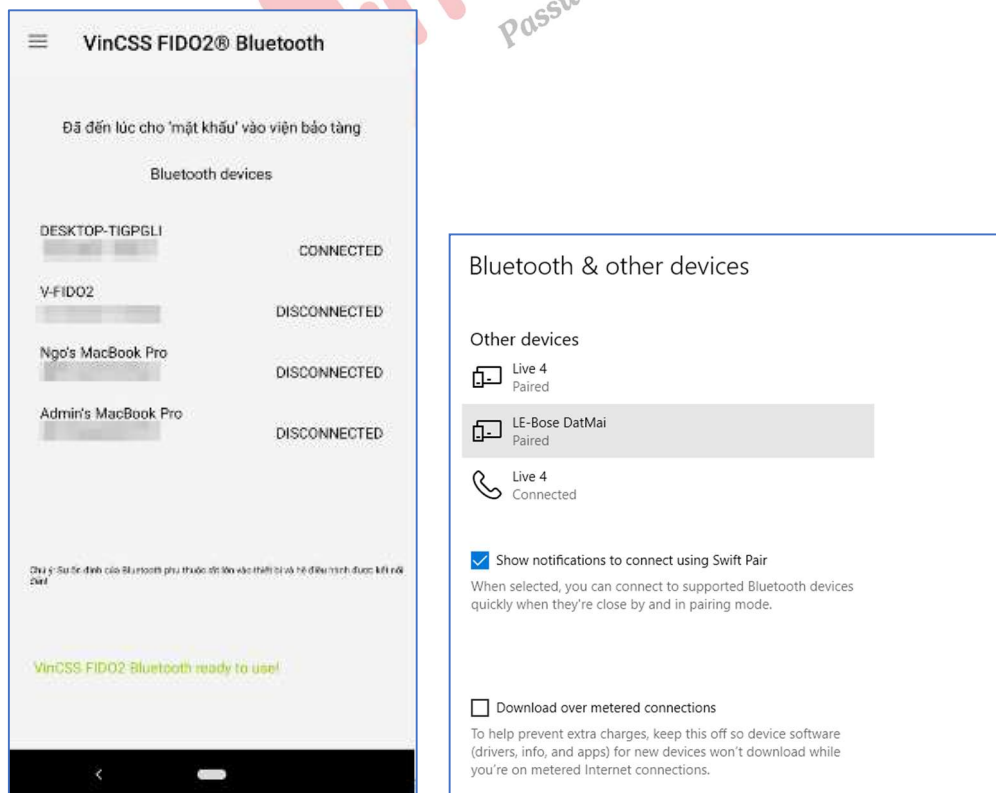

- Select the device that needs to pair with the computer.

- On the mobile and computer screen will display the state of pairing. Check the PIN Code, click **Connect** on the computer and click **Pair** on the mobile for device pairing.
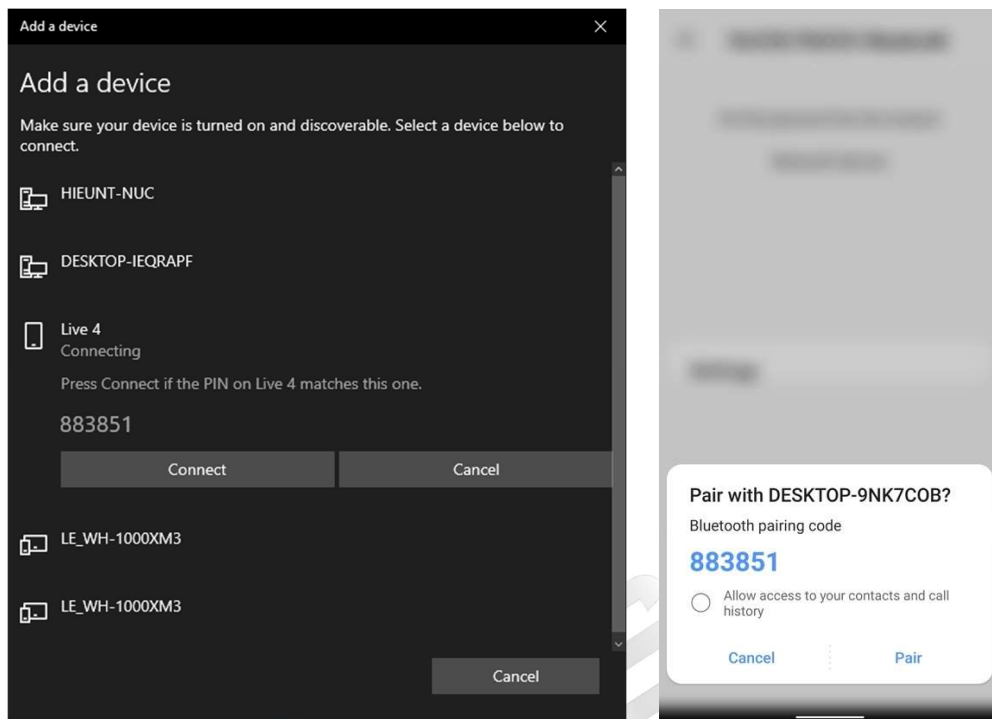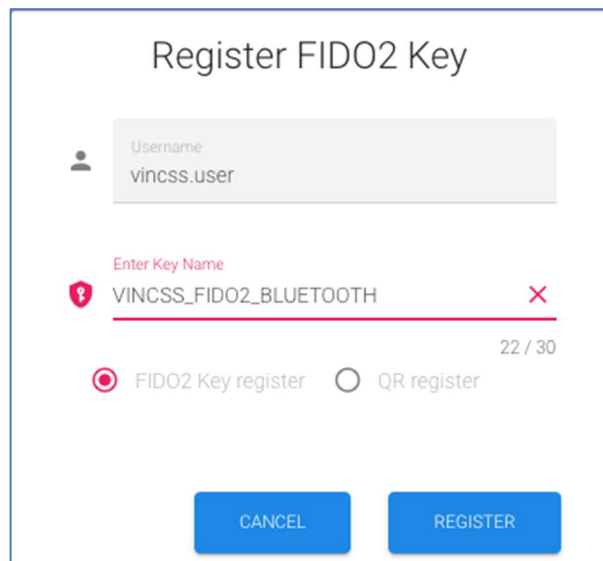

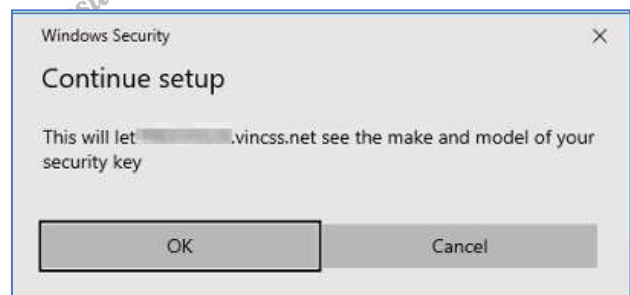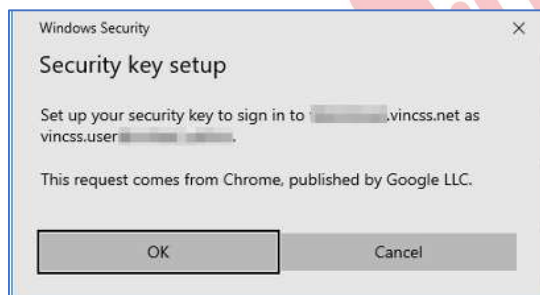- The successfully paired device information is displayed on the computer.

II.2.4.2. *Register the security key*

- Connect the mobile to the computer via Bluetooth according to the section **II.2.4.1.**
- Contact the administrator to access the interface of registering security key.
- Enter the name of key and select **FIDO2 Key Register,** and then click **Register.**
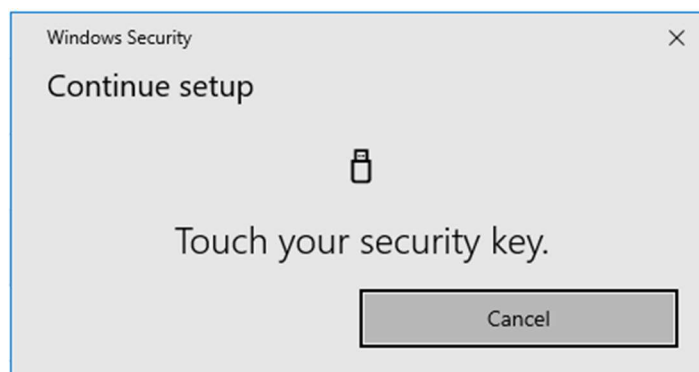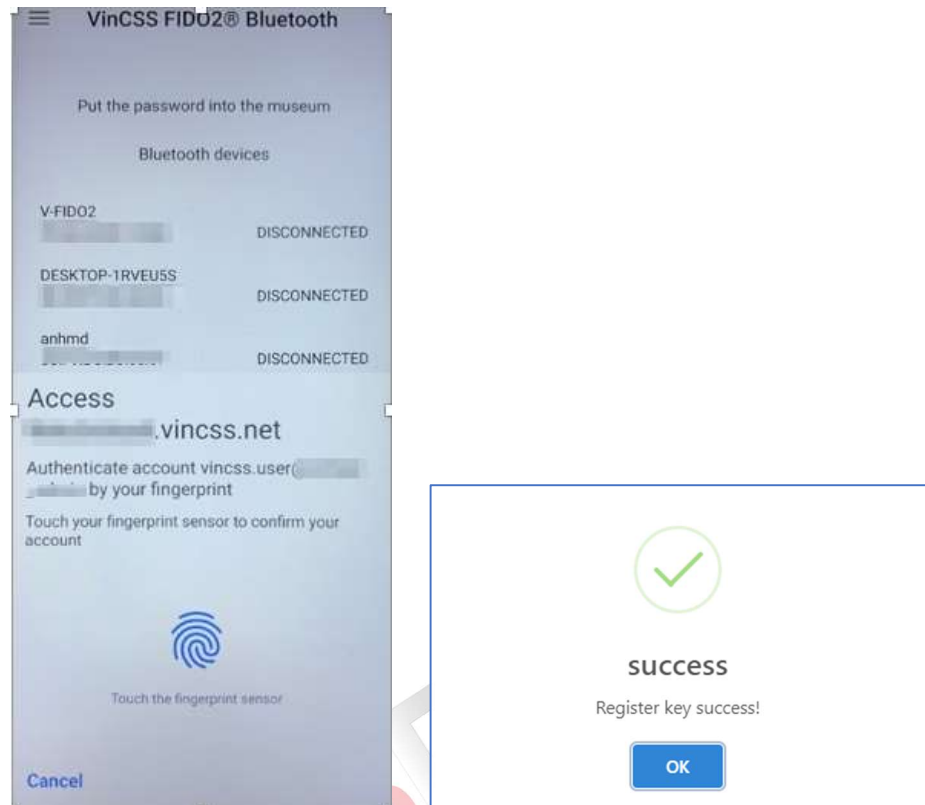

- Click **OK** to continue the security key registration.

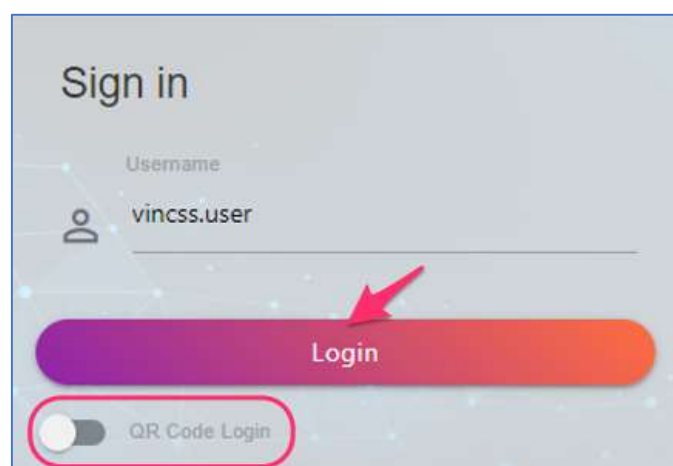- The computer will request user to activate the security key.

- Use Fingerprint or PIN code to authenticate *(depends on mobile configuration)*. A message will be displayed on the screen to confirm the successful registration.
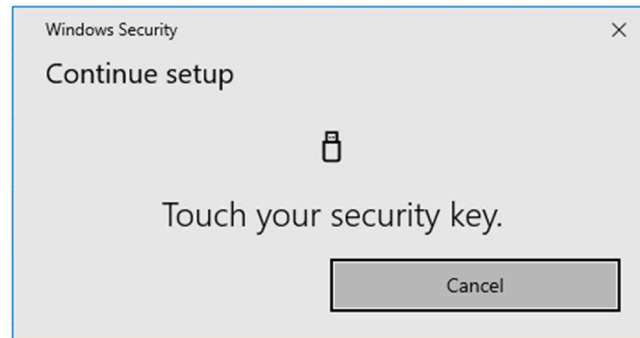

II.2.4.3. Log in the system

- Connect the mobile to the computer via Bluetooth function according to the section **II.2.4.1**.
- For the FIDO2 passwordless authentication integrated applications, type the username on the login screen *(all in lowercase)* and then click **Login** *(note: disable QR Code Login)*.

- The computer will request user to activate the security key.

- Use Fingerprint or PIN code to authenticate *(depends on mobile configuration)* to complete the login process.
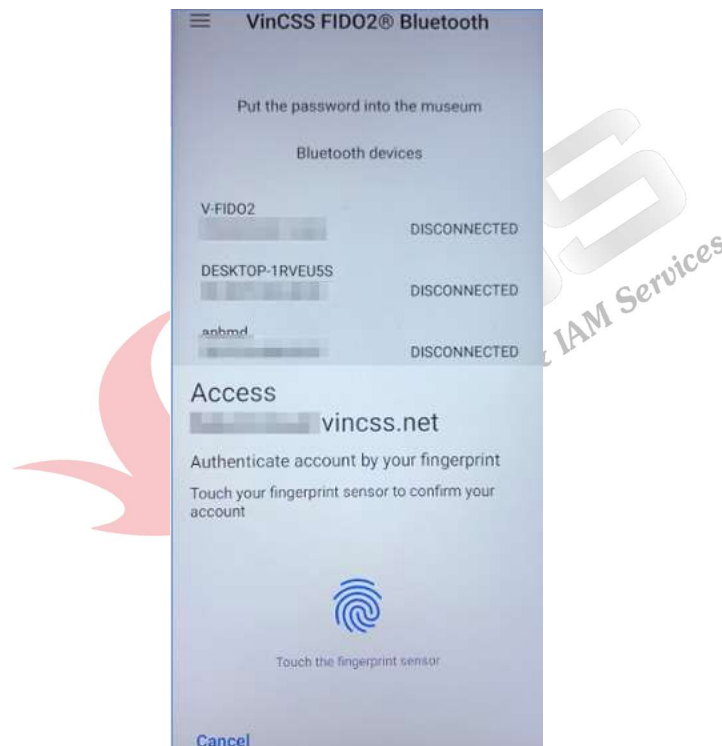
REFERENCES

- VinCSS FIDO2 Ecosystem: https://passwordless.vincss.net
- VinCSS Youtube channel:
  https://www.youtube.com/channel/UCNtS_7d4GtyecE2HCpJSr7g
- FAQs: https://passwordless.vincss.net/en/support