



APPLICATION WALKTHROUGH

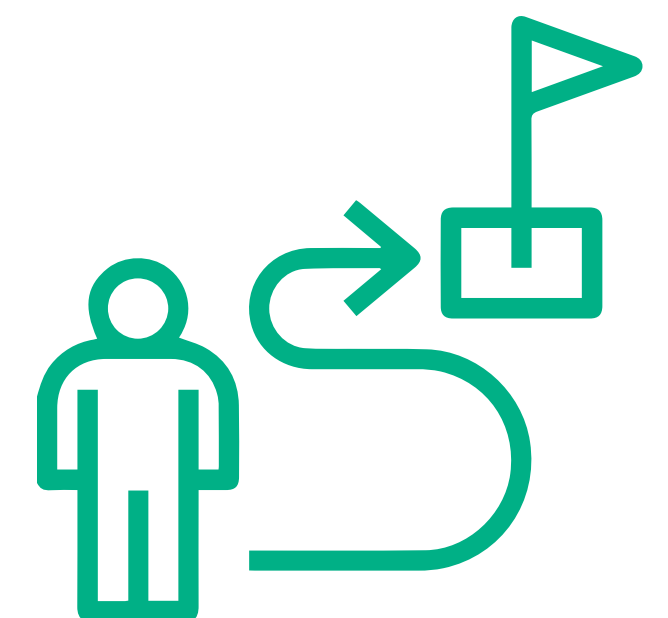
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1. ABOUT THIS WALKTHROUGH

What's in this walkthrough?

From registration to signing out, we have covered all necessary steps.



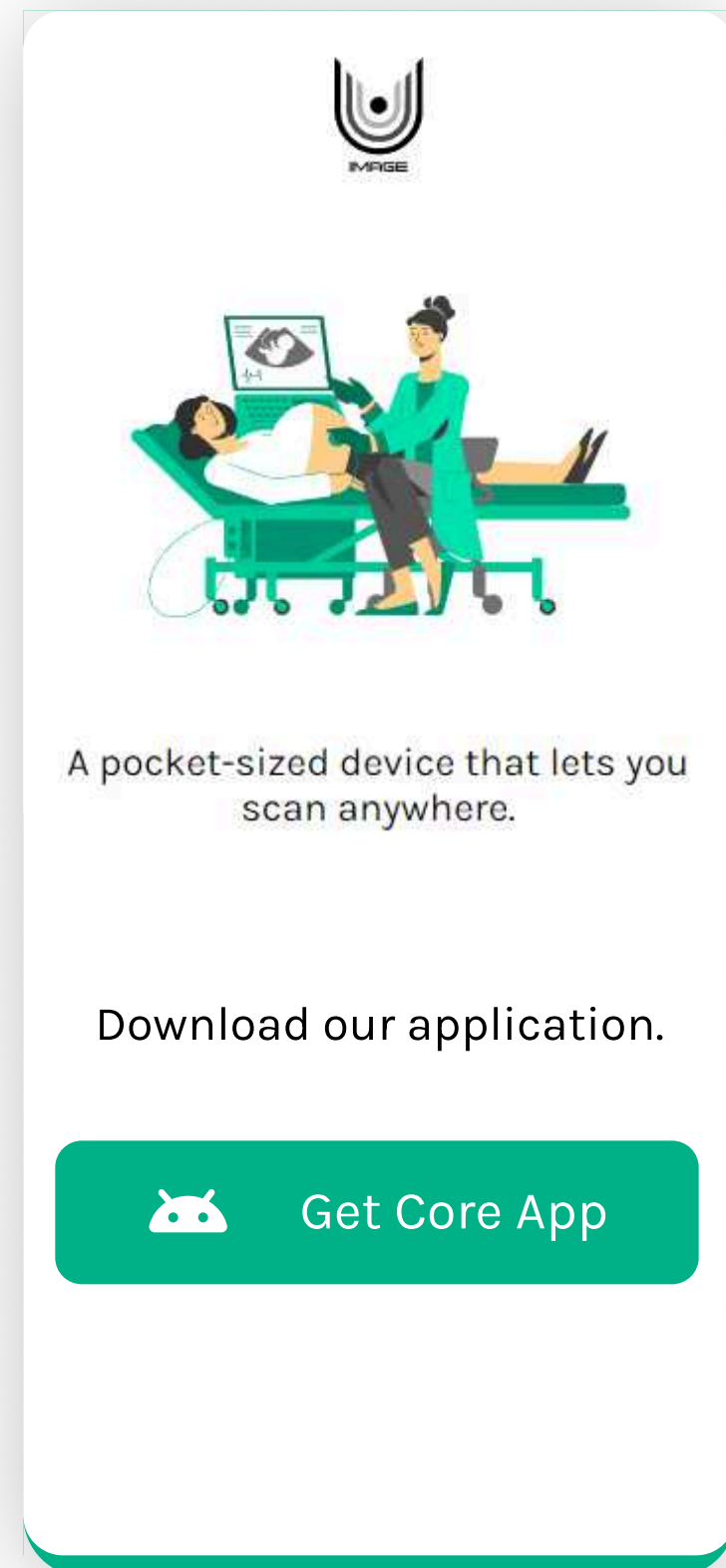
1.1 DOWNLOADING Core App

How to download the application?

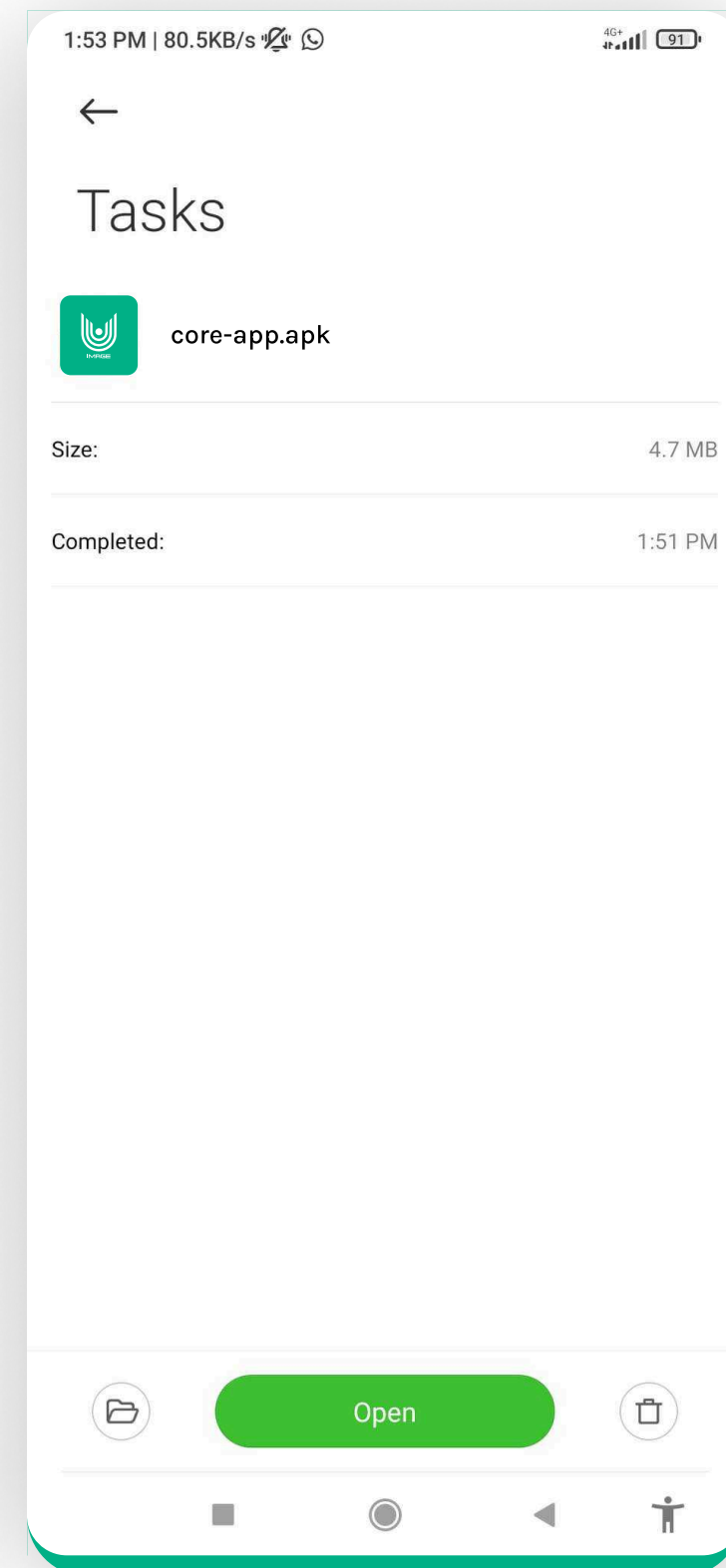
It is a straightforward process. The steps below are illustrated in the following slides.

1. Access <https://apps.uimageafrica.com> in your browser.
2. Download the Core App (Core App.apk).
3. Open your "Downloads" folder and tap on the Core App.apk file to begin installation.
4. If prompted, allow the permission "Install unknown apps" to proceed with the installation.
5. Complete the Core App installation. The Scan App will be installed automatically by the Core App.

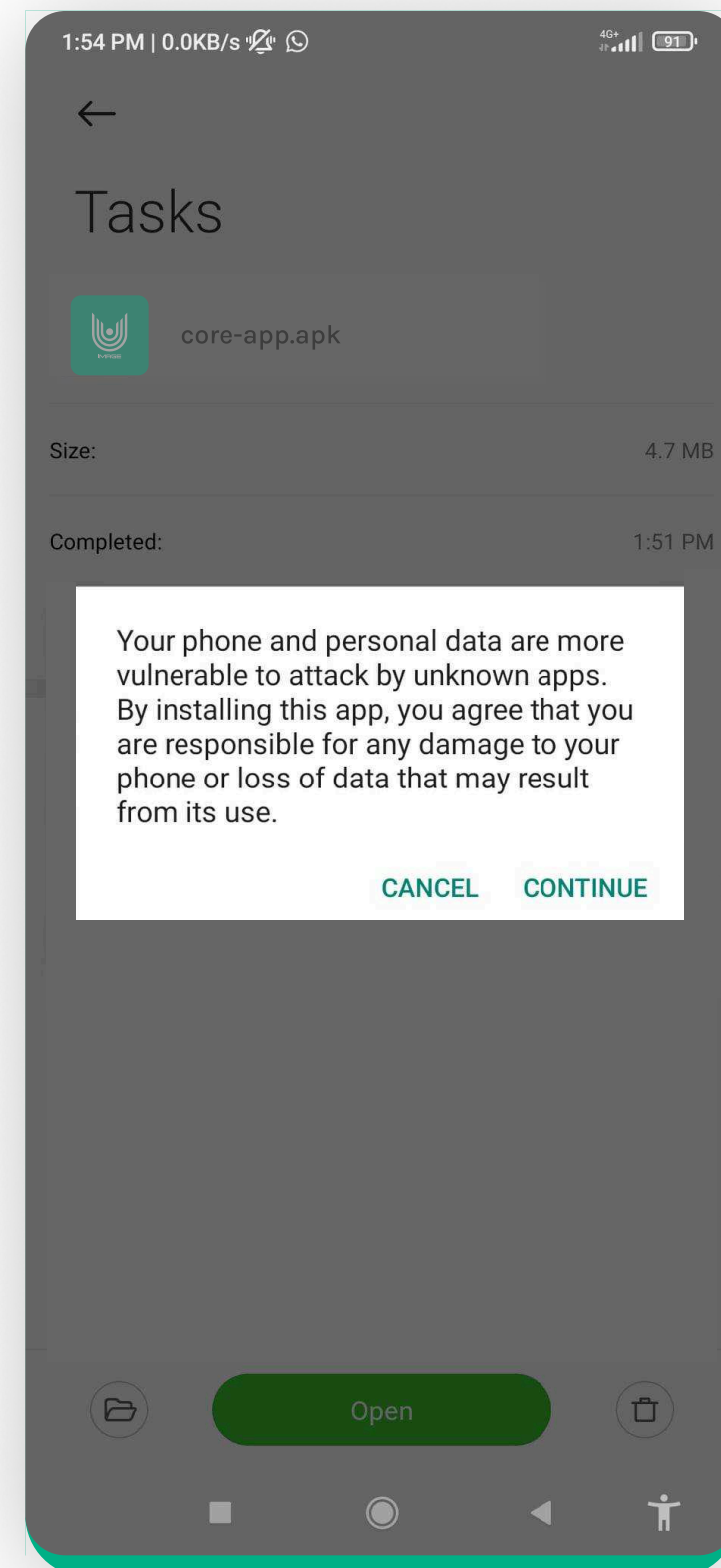
1.2 How to Download The Core App



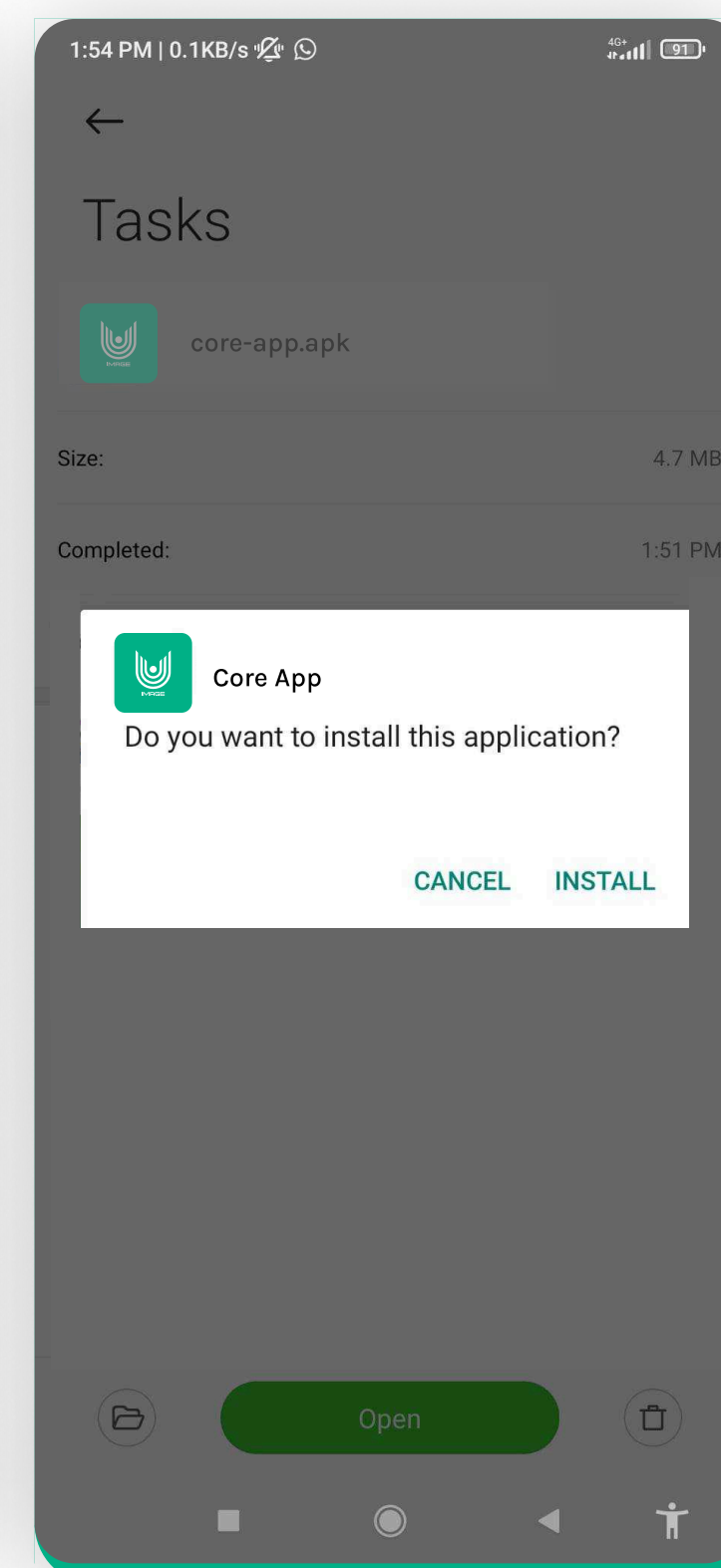
Step 1



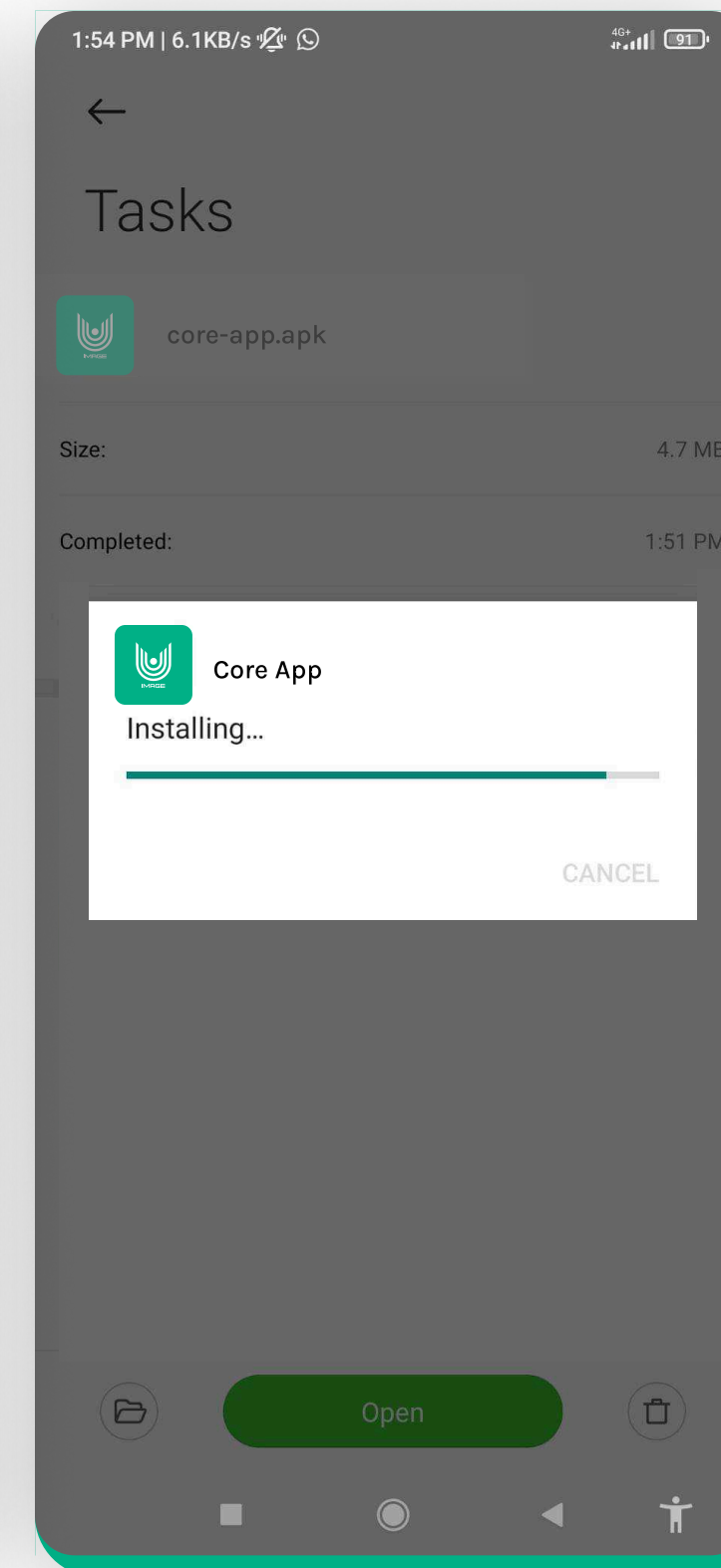
Step 2



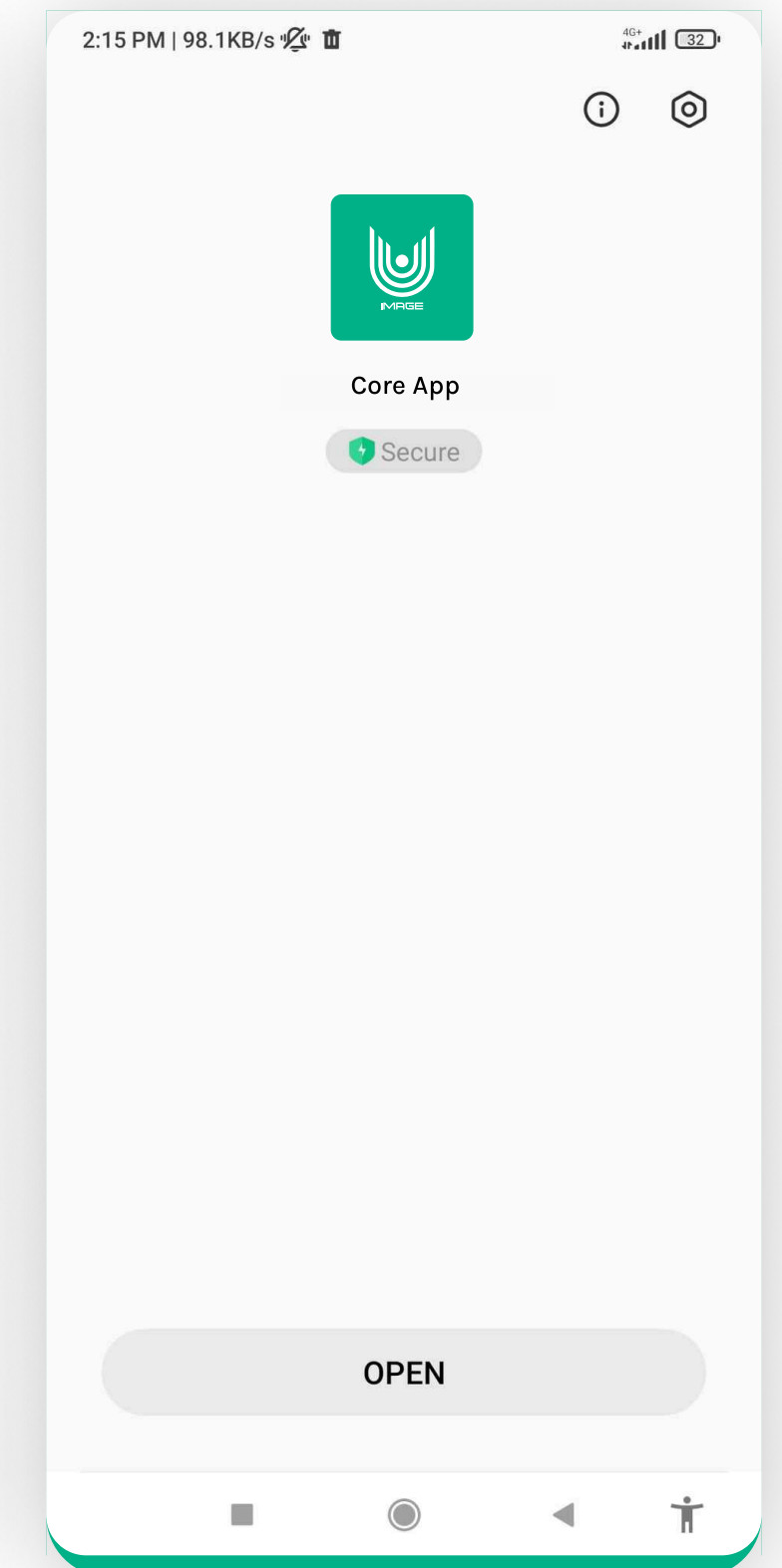
Step 3



Step 4

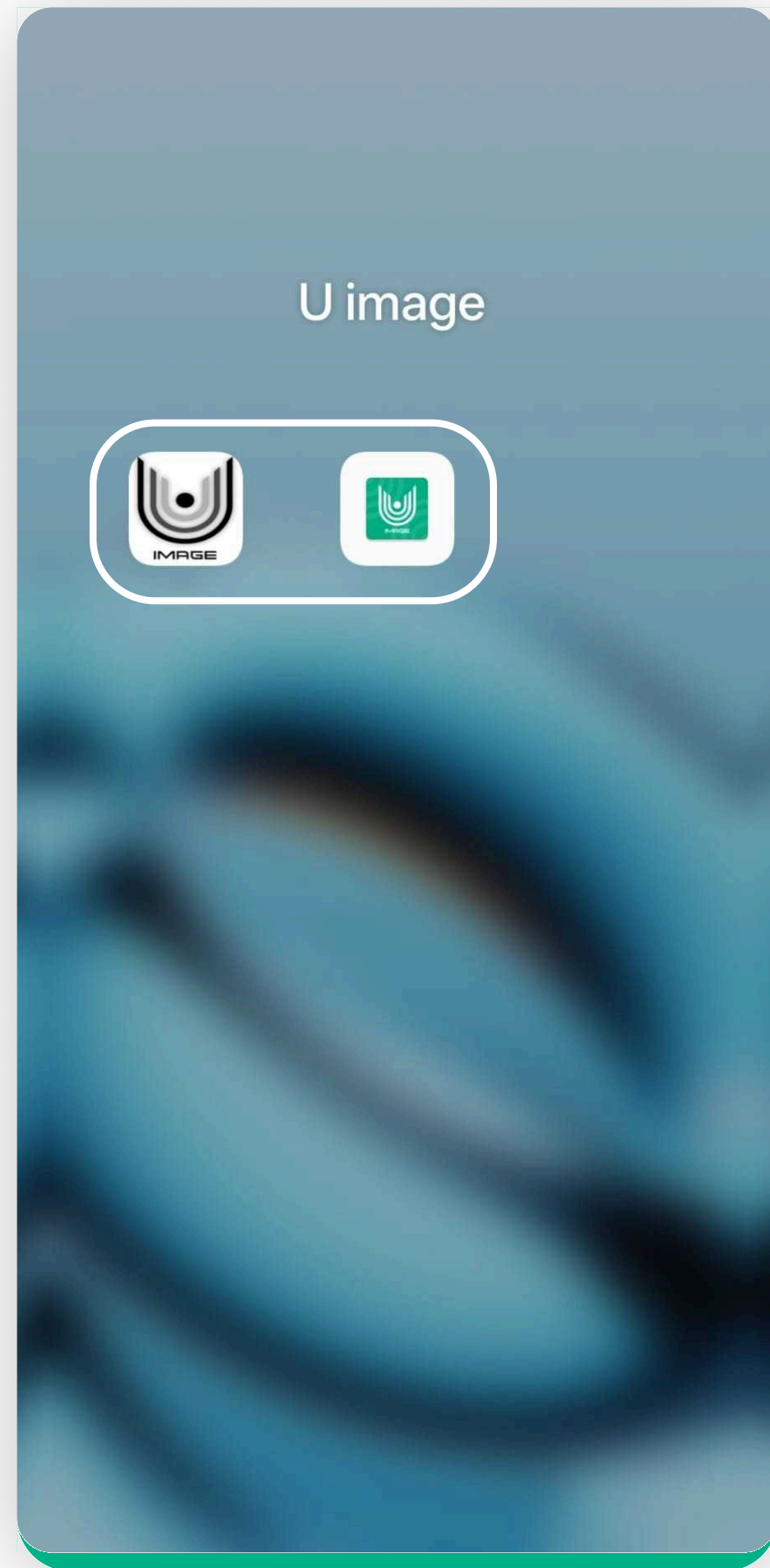


Step 5

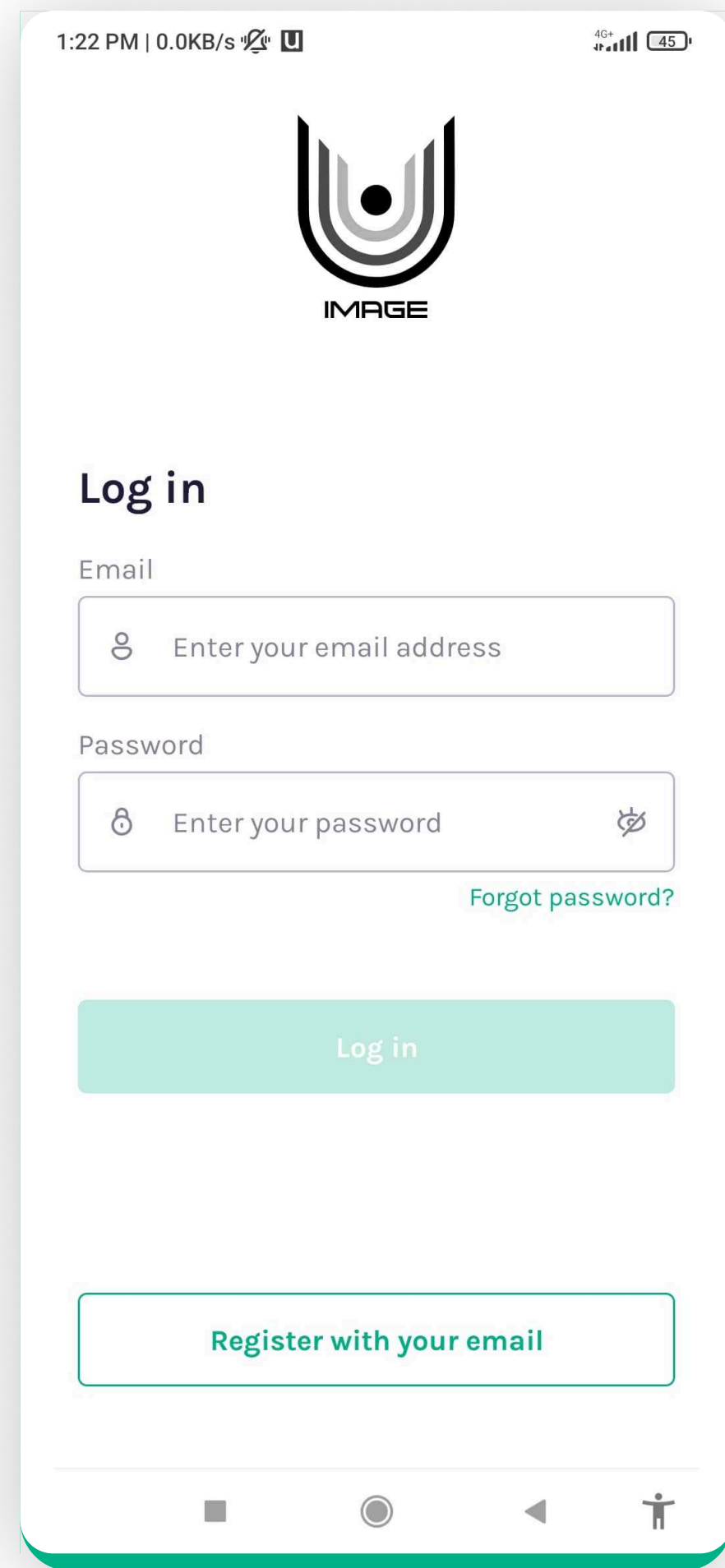


Step 6

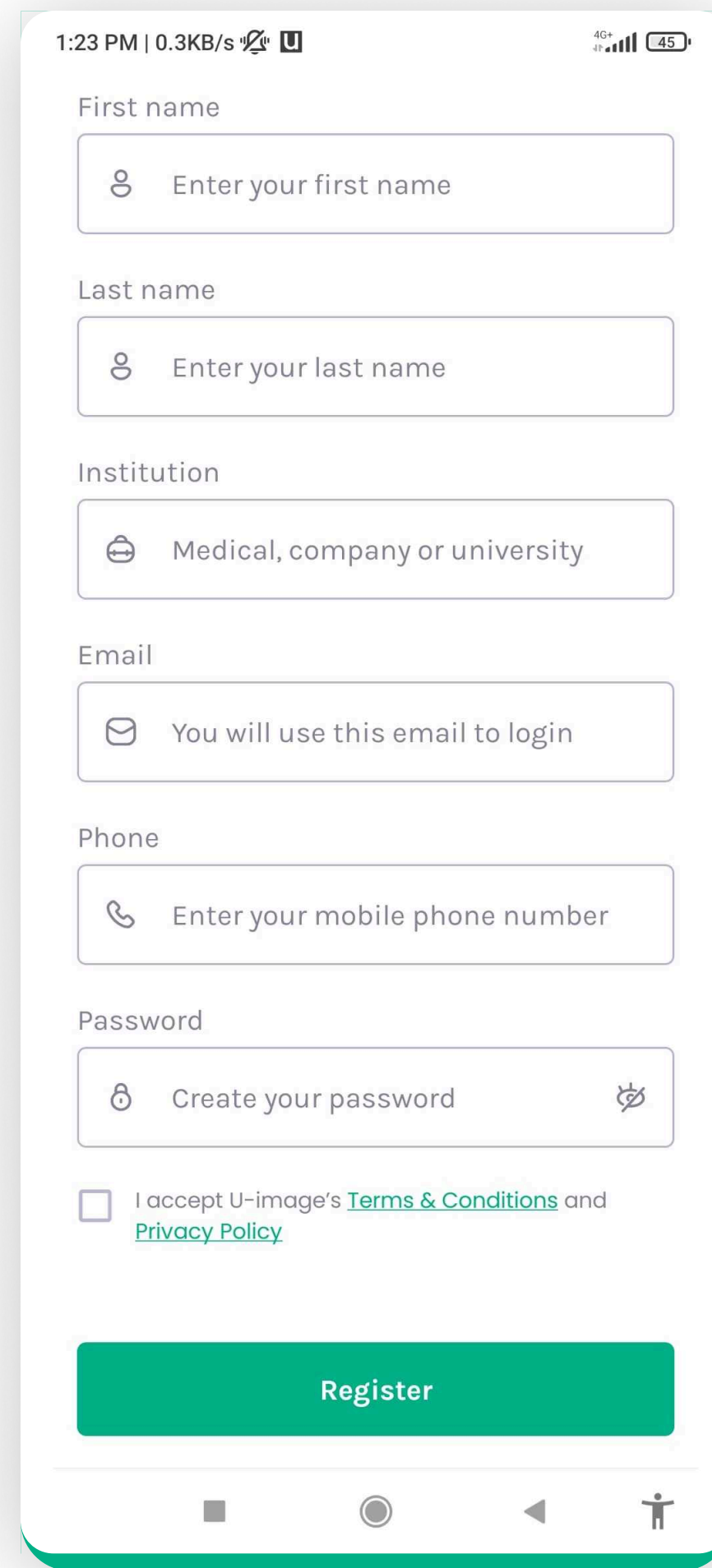
2. REGISTRATION



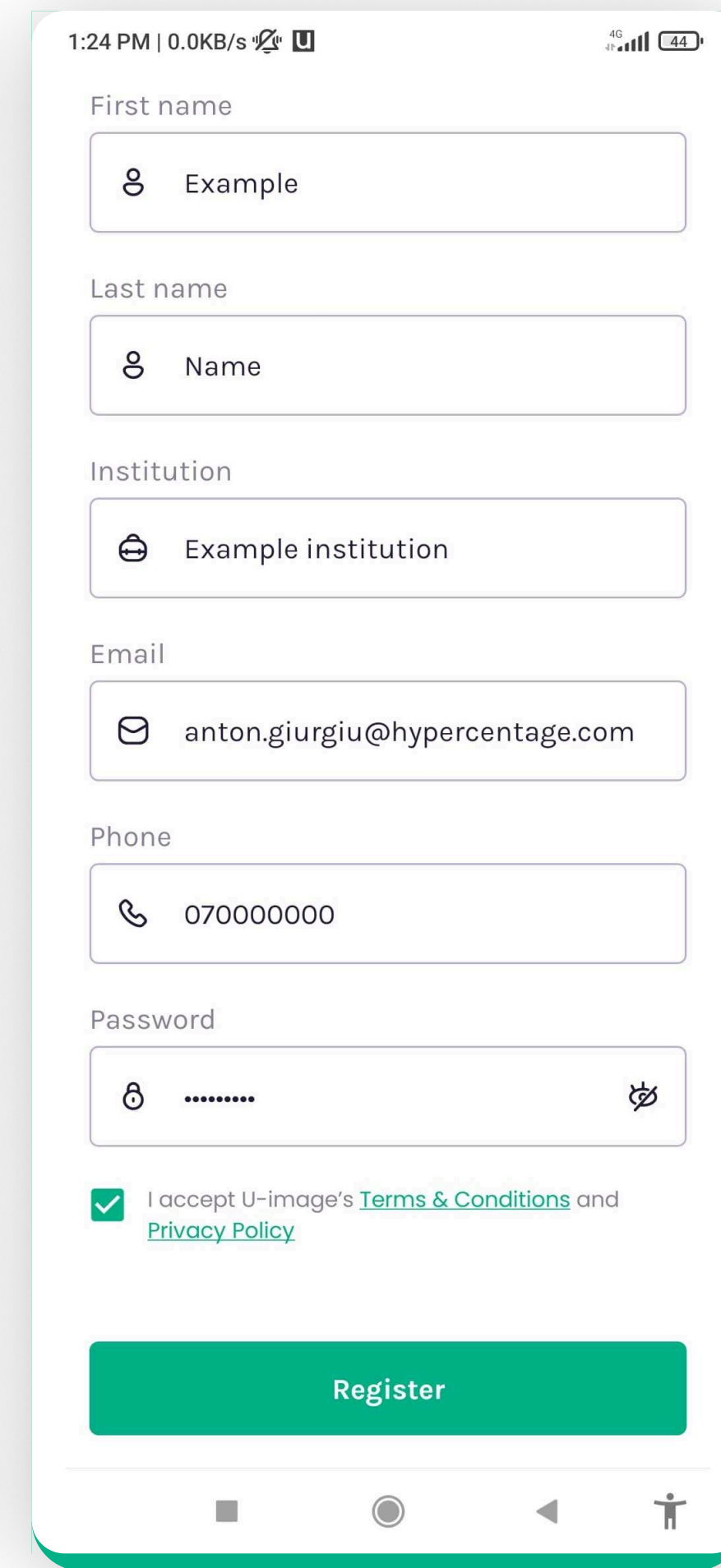
Entering App



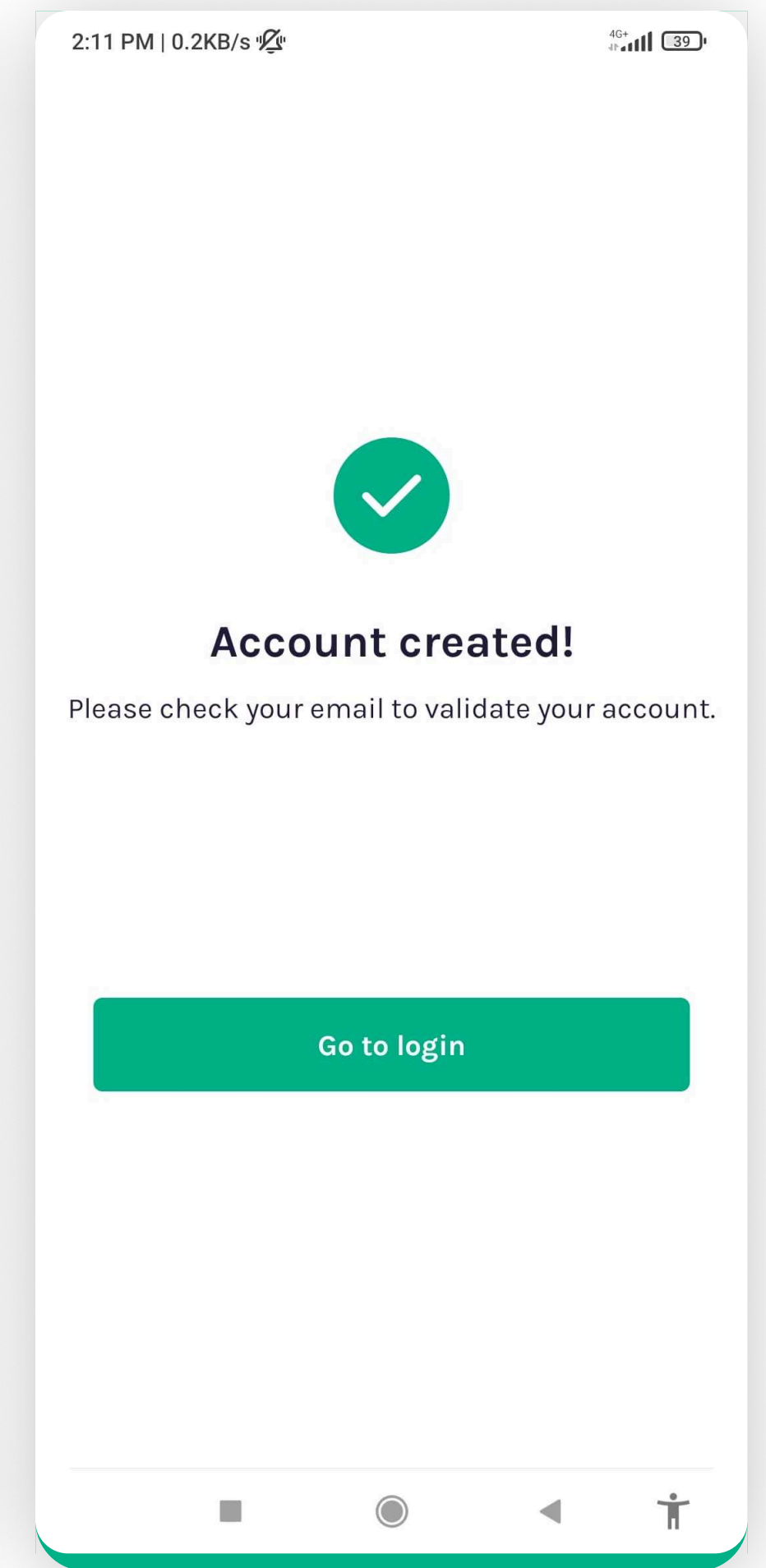
Tapping on Register



Fill-in fields

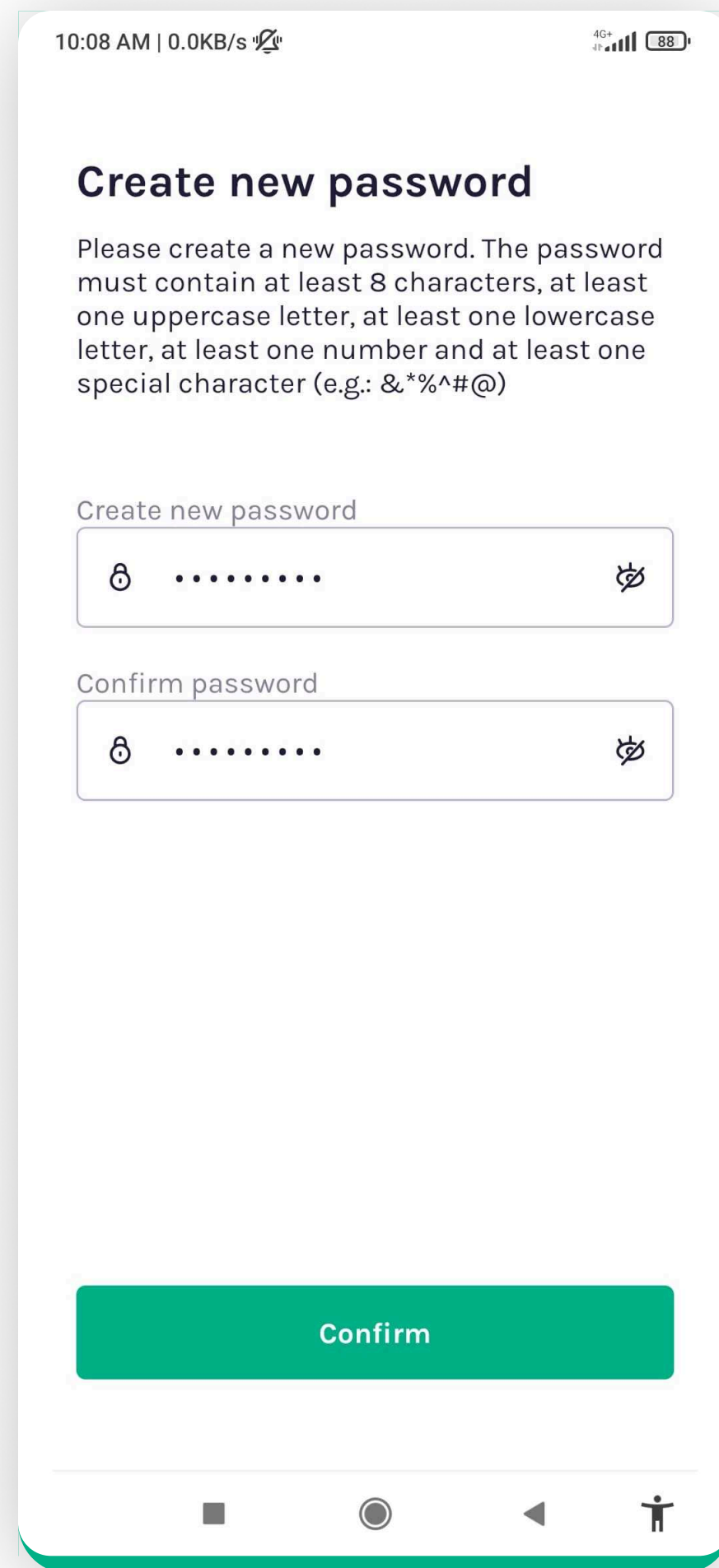


Complete registration

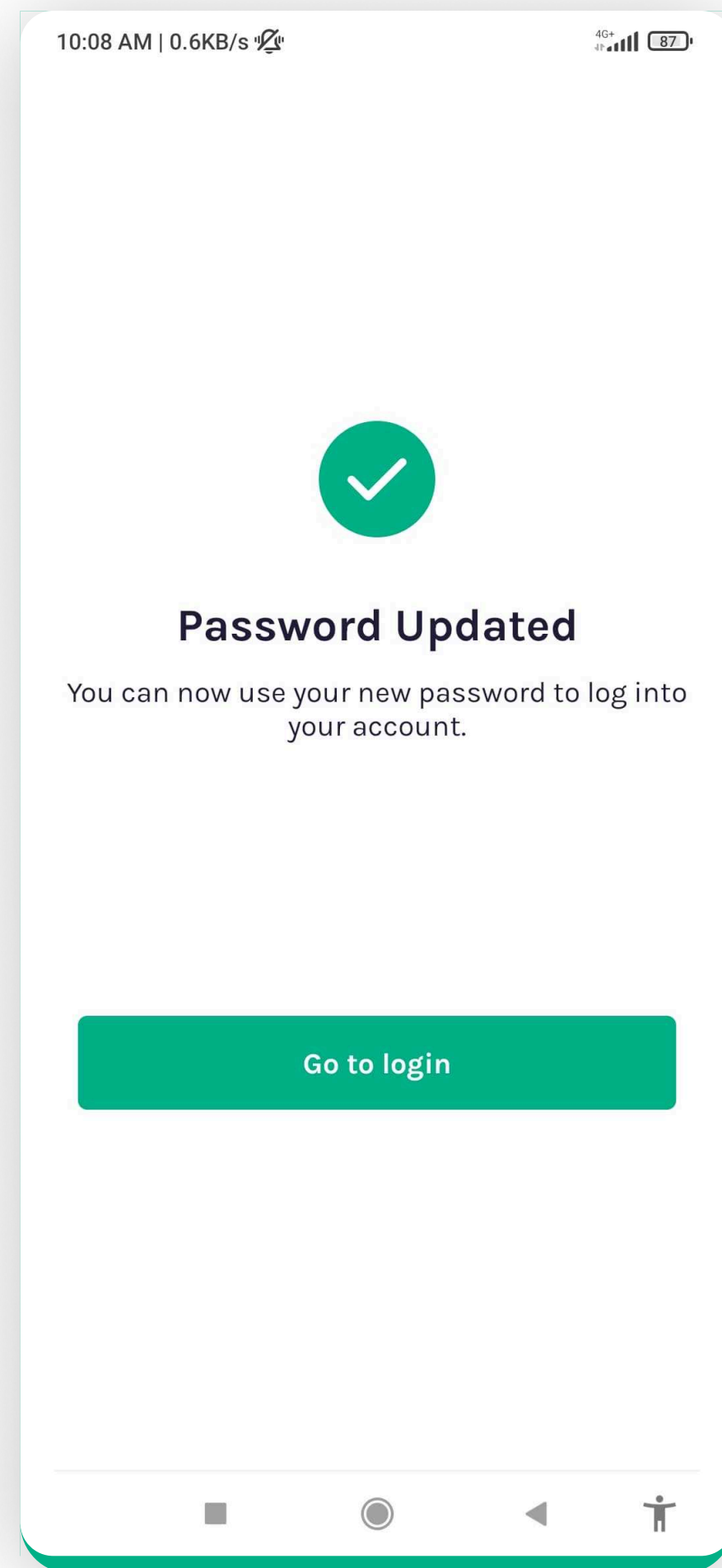


Going to Log-in screen

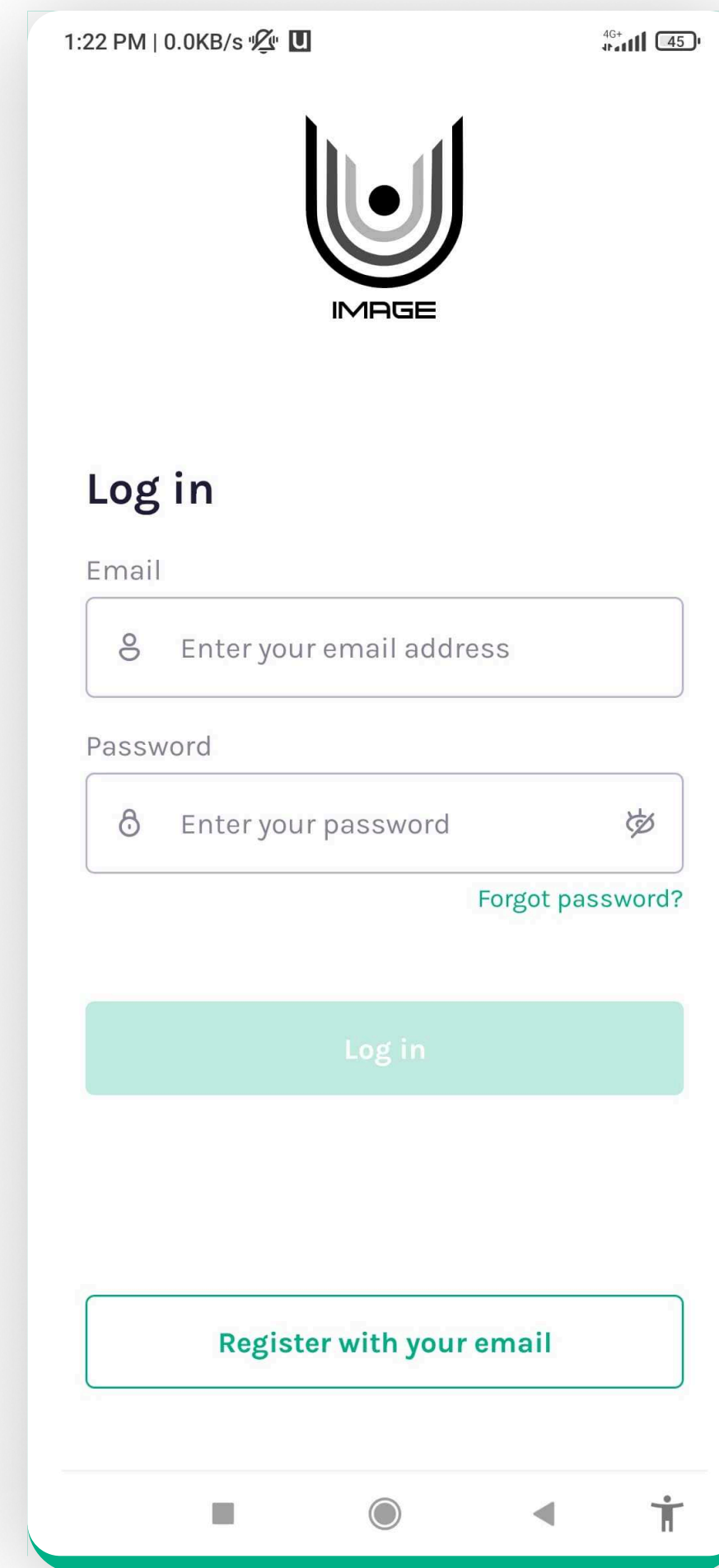
3. AUTHENTICATION - Forgot Password & Log in



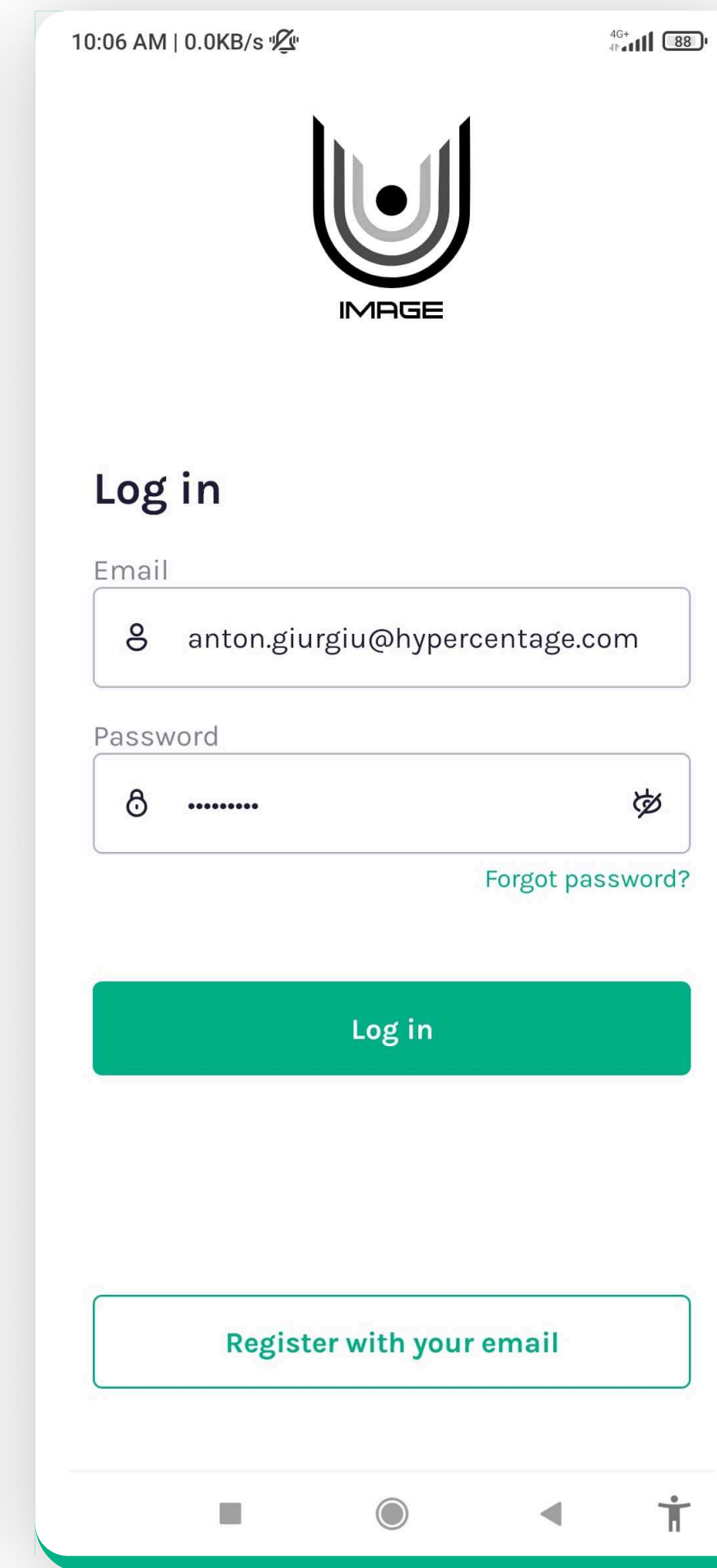
Setting new password



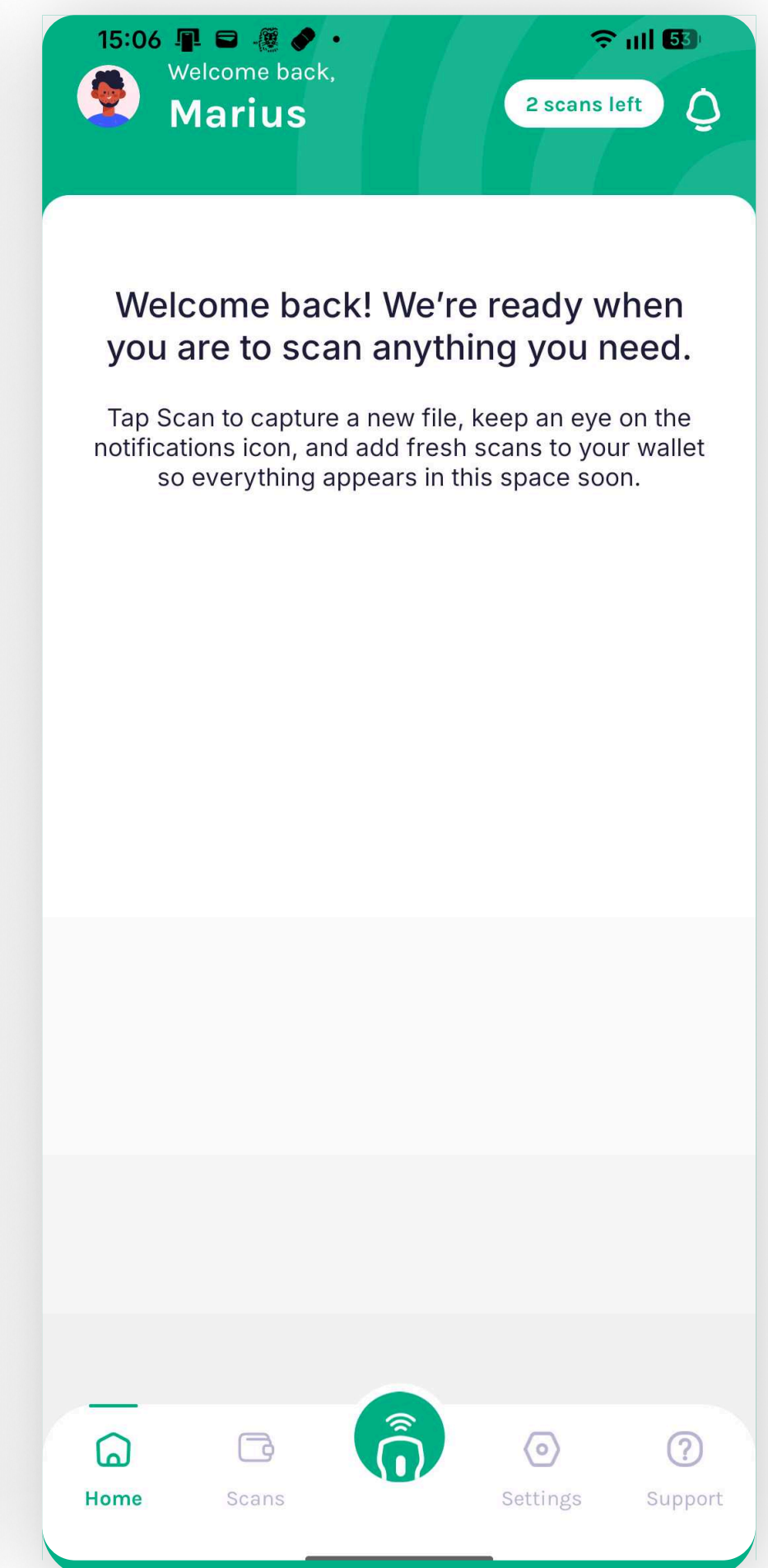
Password update



Fill-in fields



Log in



Home screen

4. MAIN MENU

Here it will show your most recent scans. ←

You favoured scans. ←

→ The latest scans that have been detected in your selected folder will be notified to you

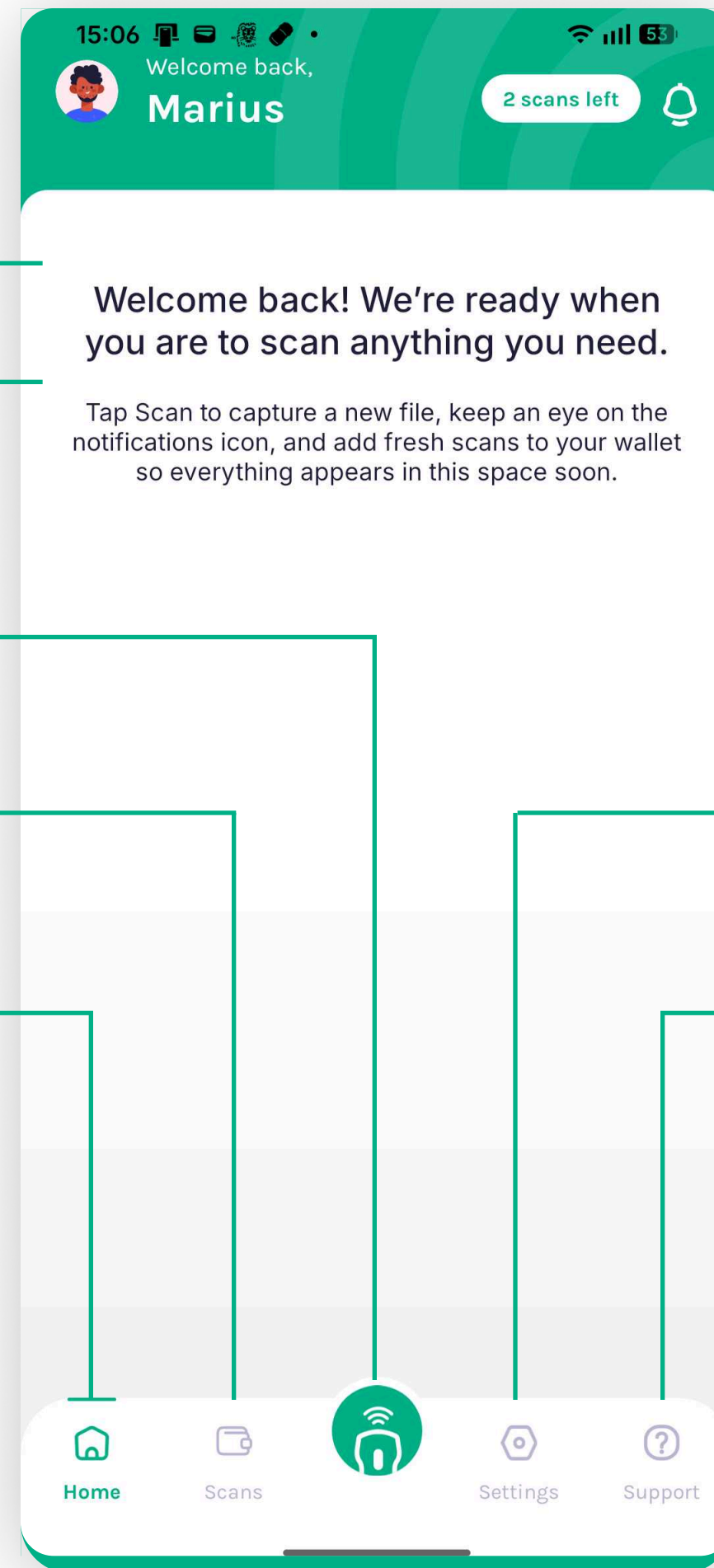
Scan ←

Scans Credit ←

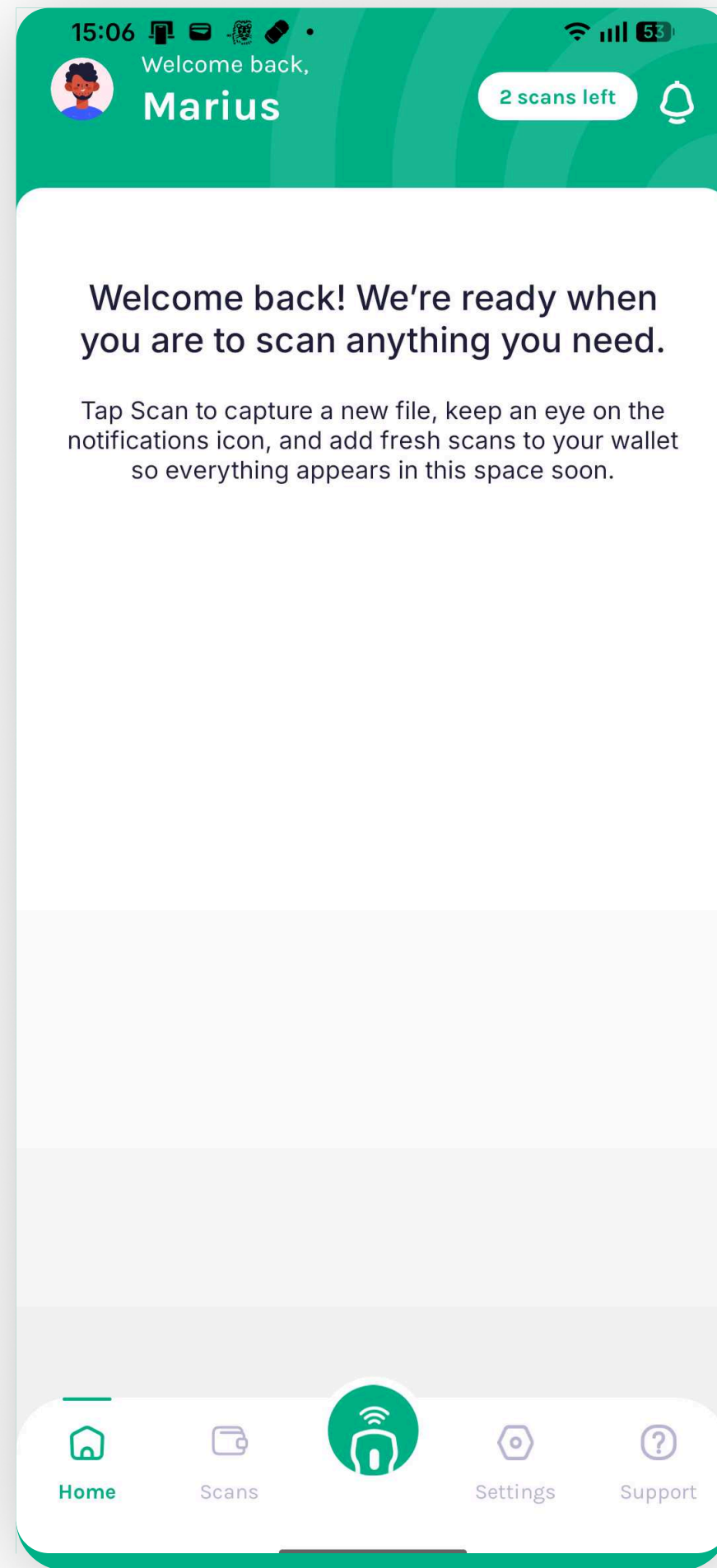
Main menu ←

→ Setting for your account & other details.

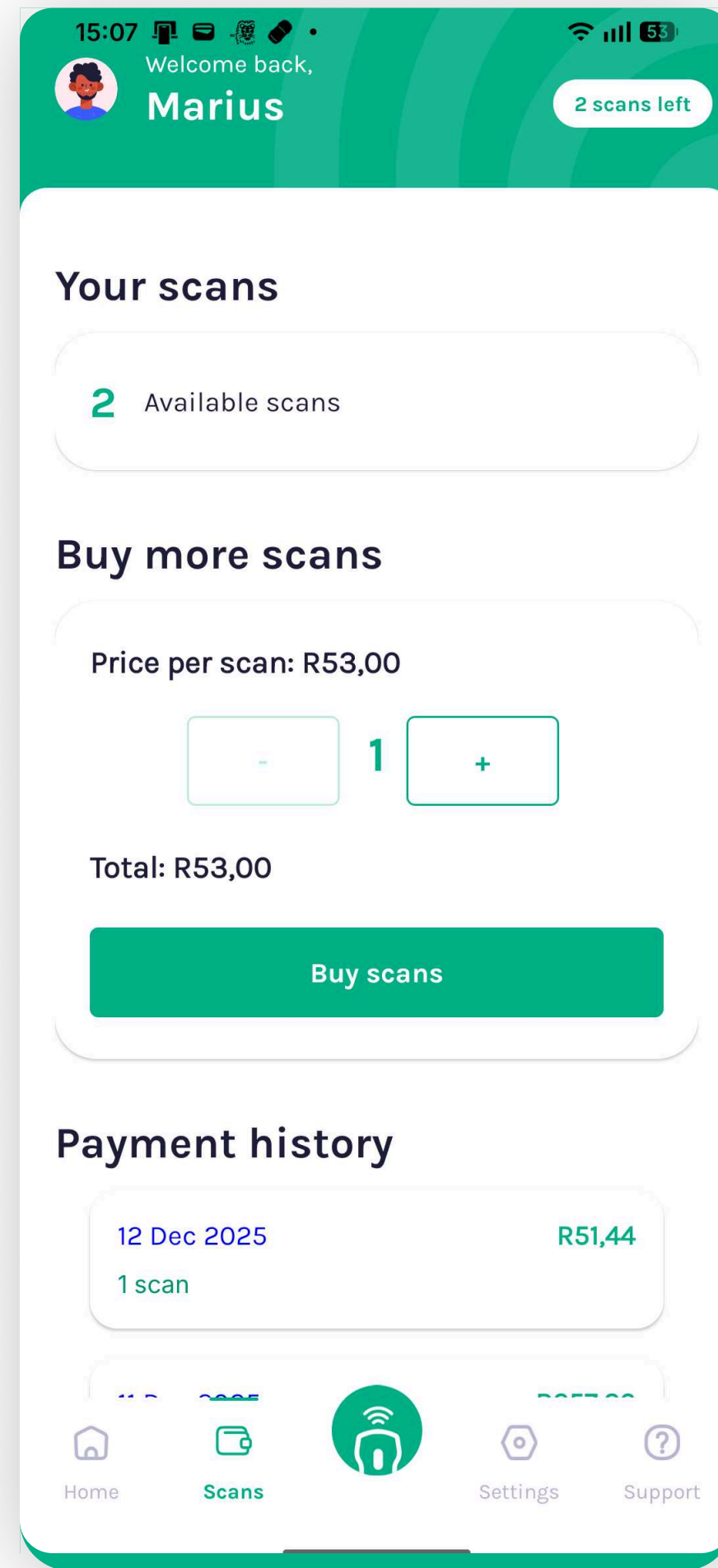
→ Support



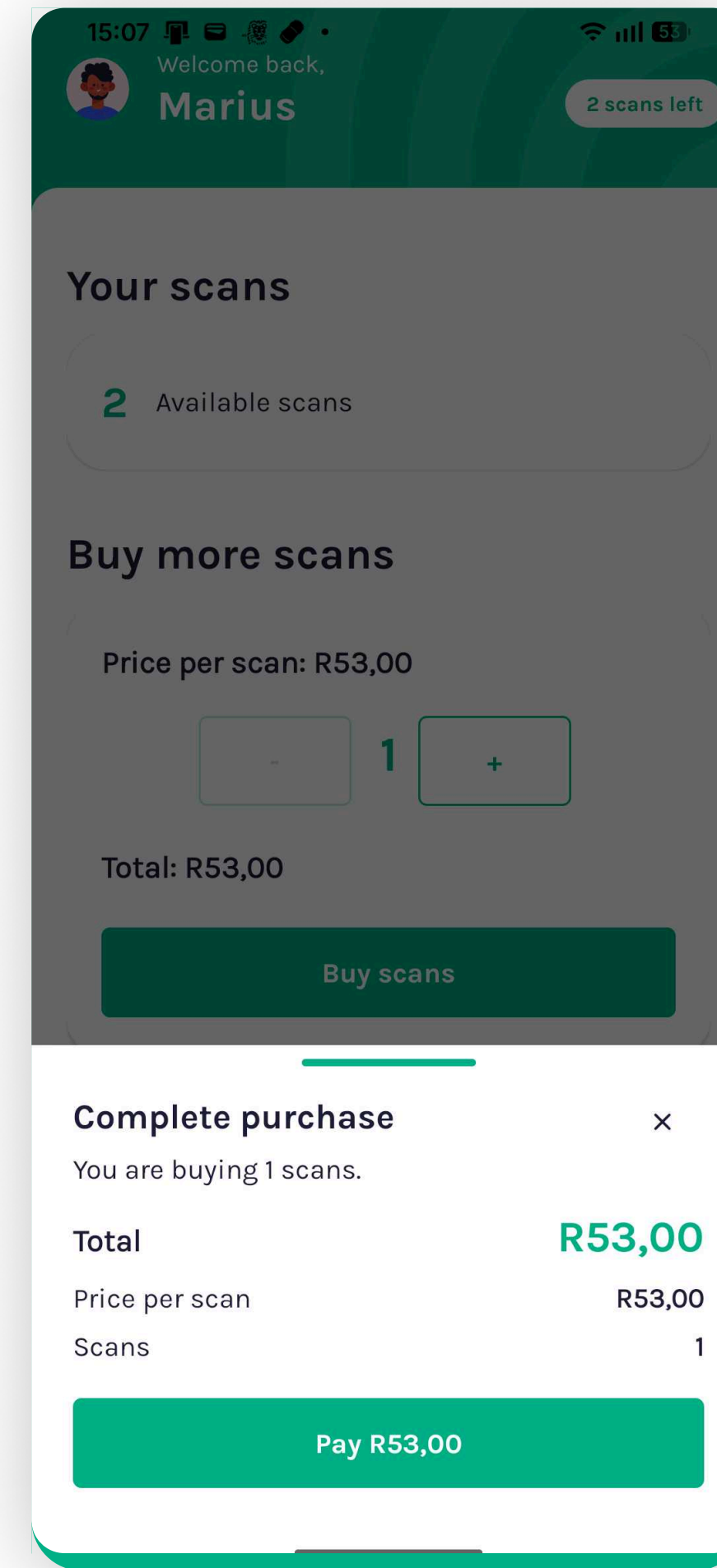
5. SCANS CREDIT



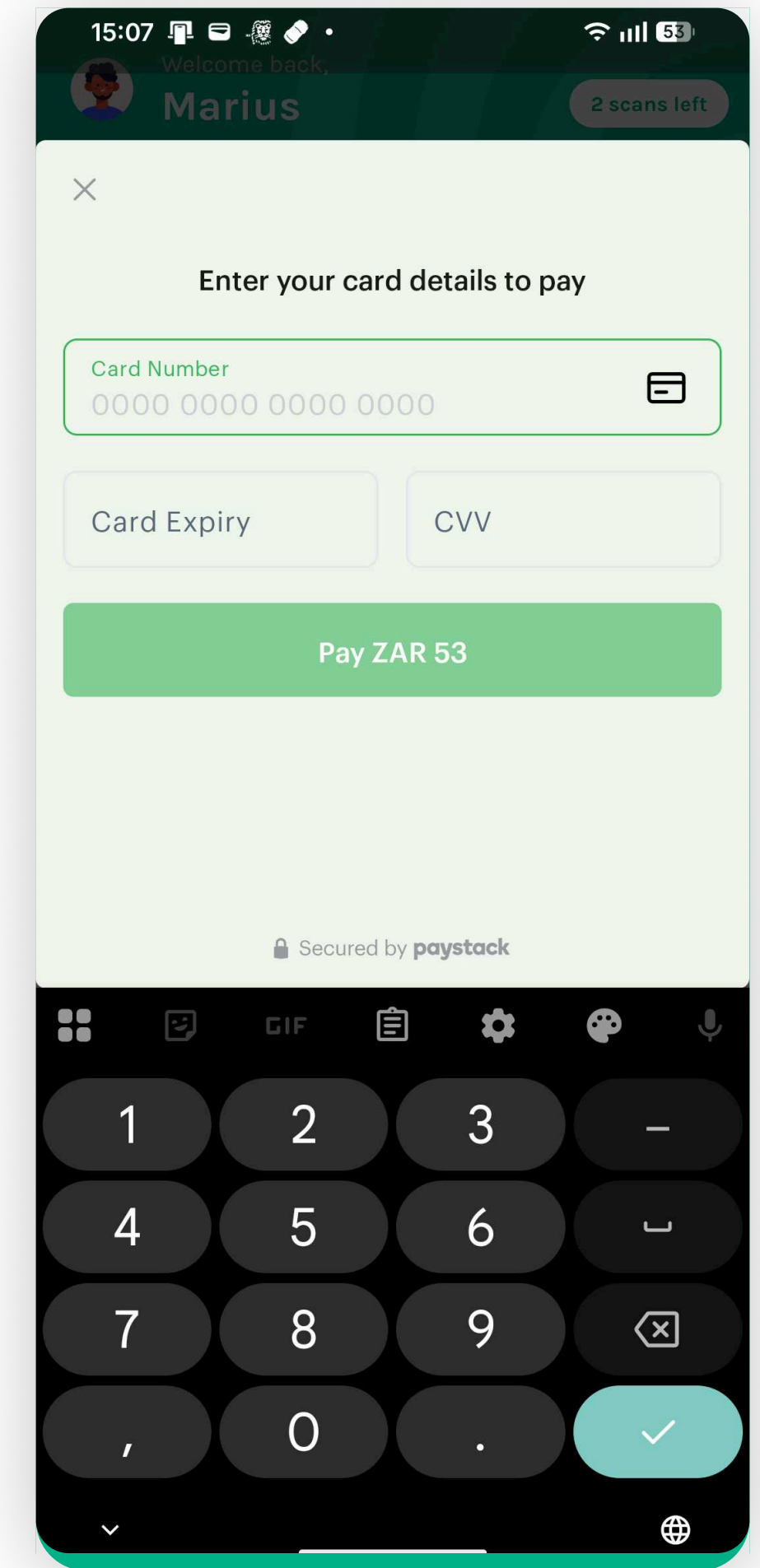
Home Screen



Credit Overview



Purchasing credits



Finalizing payment



U-IMAGE “Scan” Quick User Guide

CAUTIONS



IMPORTANT!

Read and understand this manual before operating the equipment. After reading, keep this manual in an easily accessible place. Ver: UIMAGE -V1.0



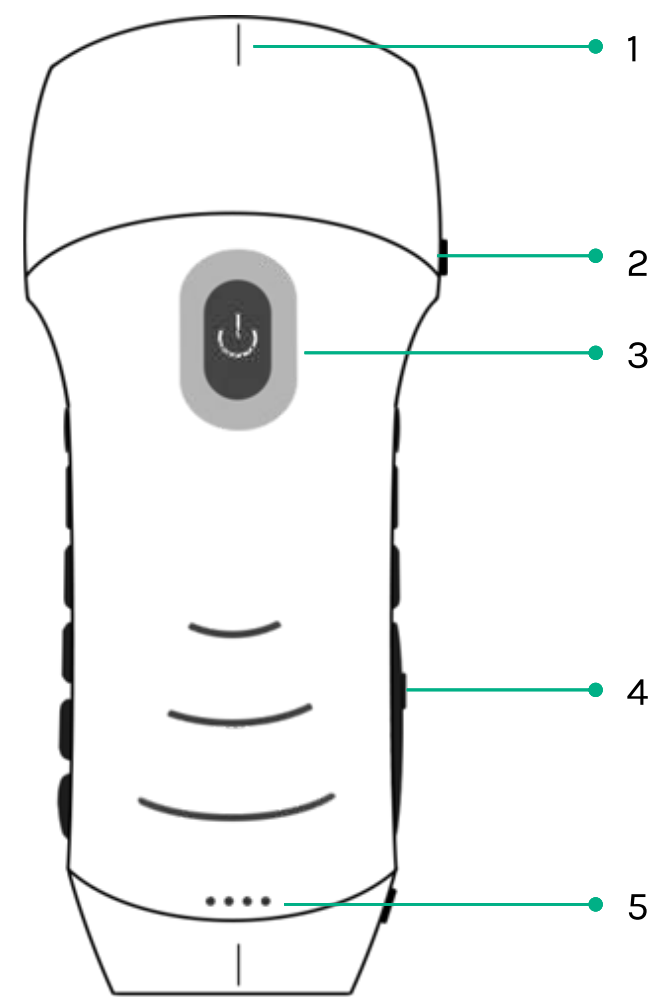
DANGER

Do not modify this equipment, including equipment components, software, cables and so on. User modifications may result in security problems or reduced system performance. All modifications must be completed by the personnel approved by UIMAGE and or its manufacturer.

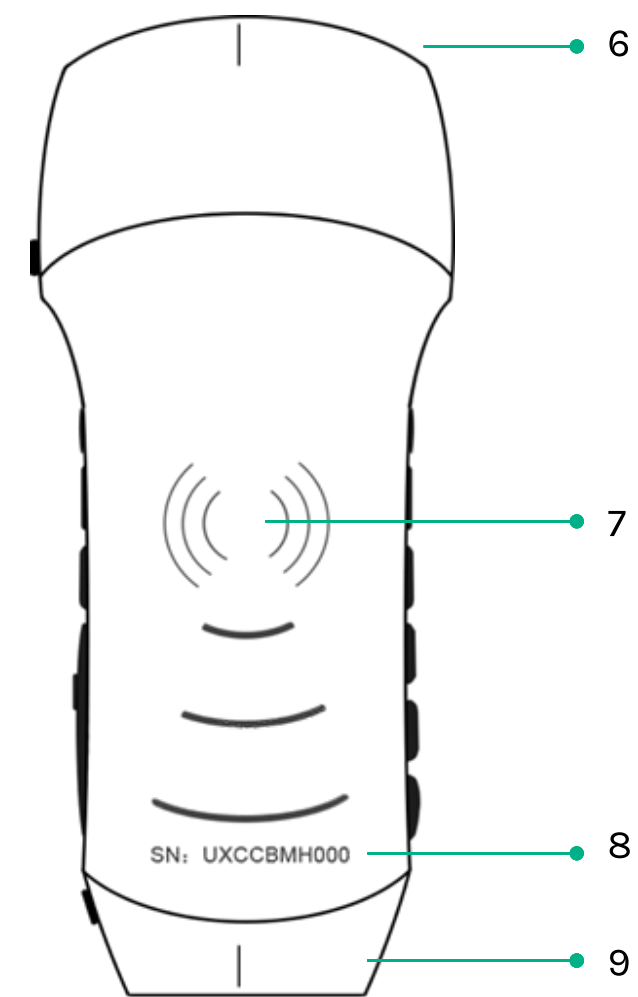
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1. PROBE COMPONENTS, INSTALLING THE SCAN APP & FUNCTIONALITY



- 1. Mid-line mark
- 2. Orientation Mark
- 3. Power switch / freeze /Living button
- 4. Type-C port
- 5. Battery Indicator Lights





- 6. A probe (curvilinear)
- 7. Wireless charging symbol
- 8. Serial number
- 9. B probe (linear)
- 10. Wireless charging pad

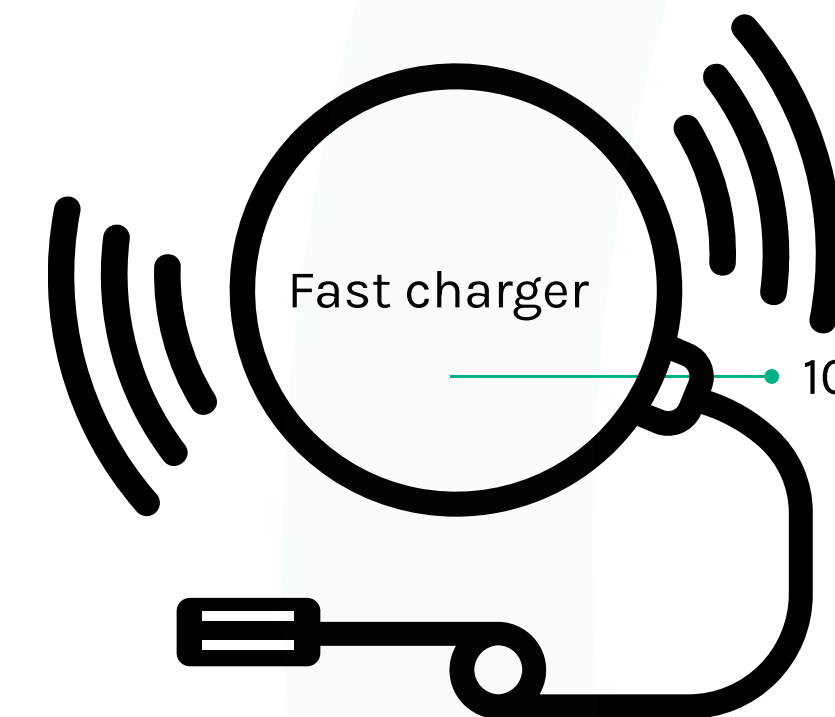
1. INSTALLING THE Scan App

Note* - The Scan App will be automatically installed by the Core App.

2. TURN ON/OFF USG PROBE

Press the power  button to turn on the probe, Battery levels will be visible.
Hold for 5 seconds to turn off the probe

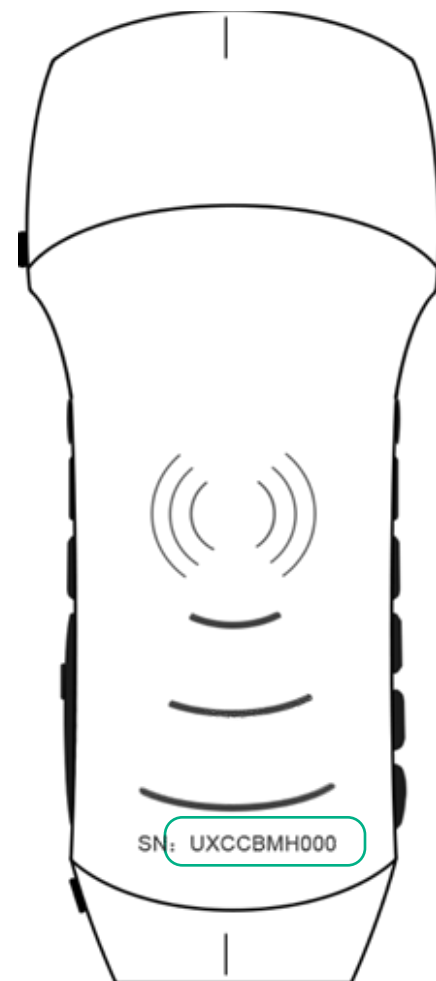
NOTE: Hold down the power  button and hold for 3 seconds to interchange probes in real time.



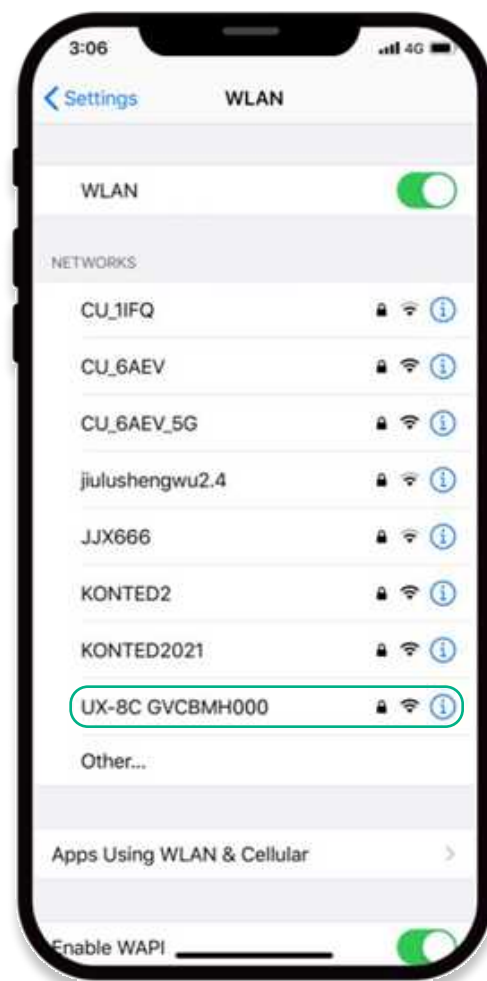
2. CONNECT THE PROBE

METHOD 1: WI-FI CONNECTION

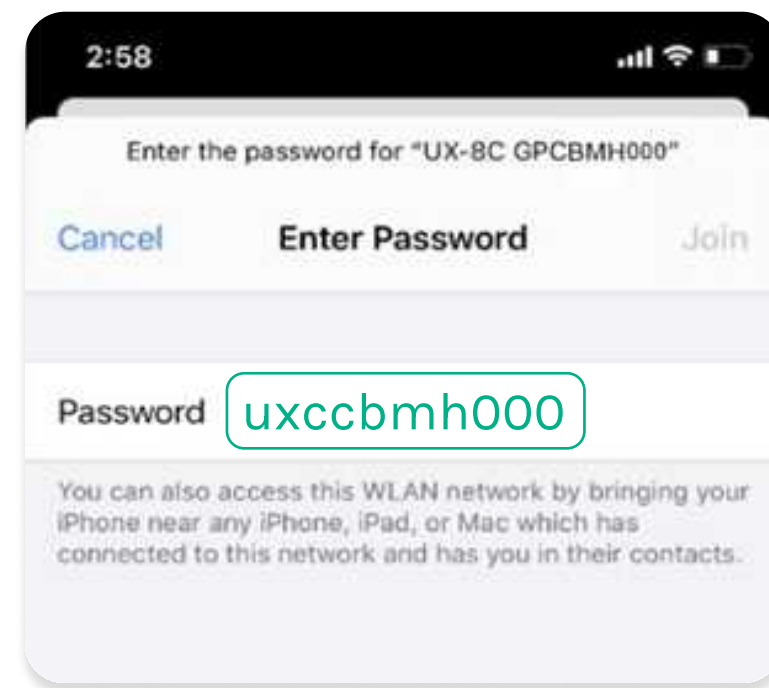
Find **SN** of your USG probe
Such as SN: **UXCCBMH000**.



Select your device.



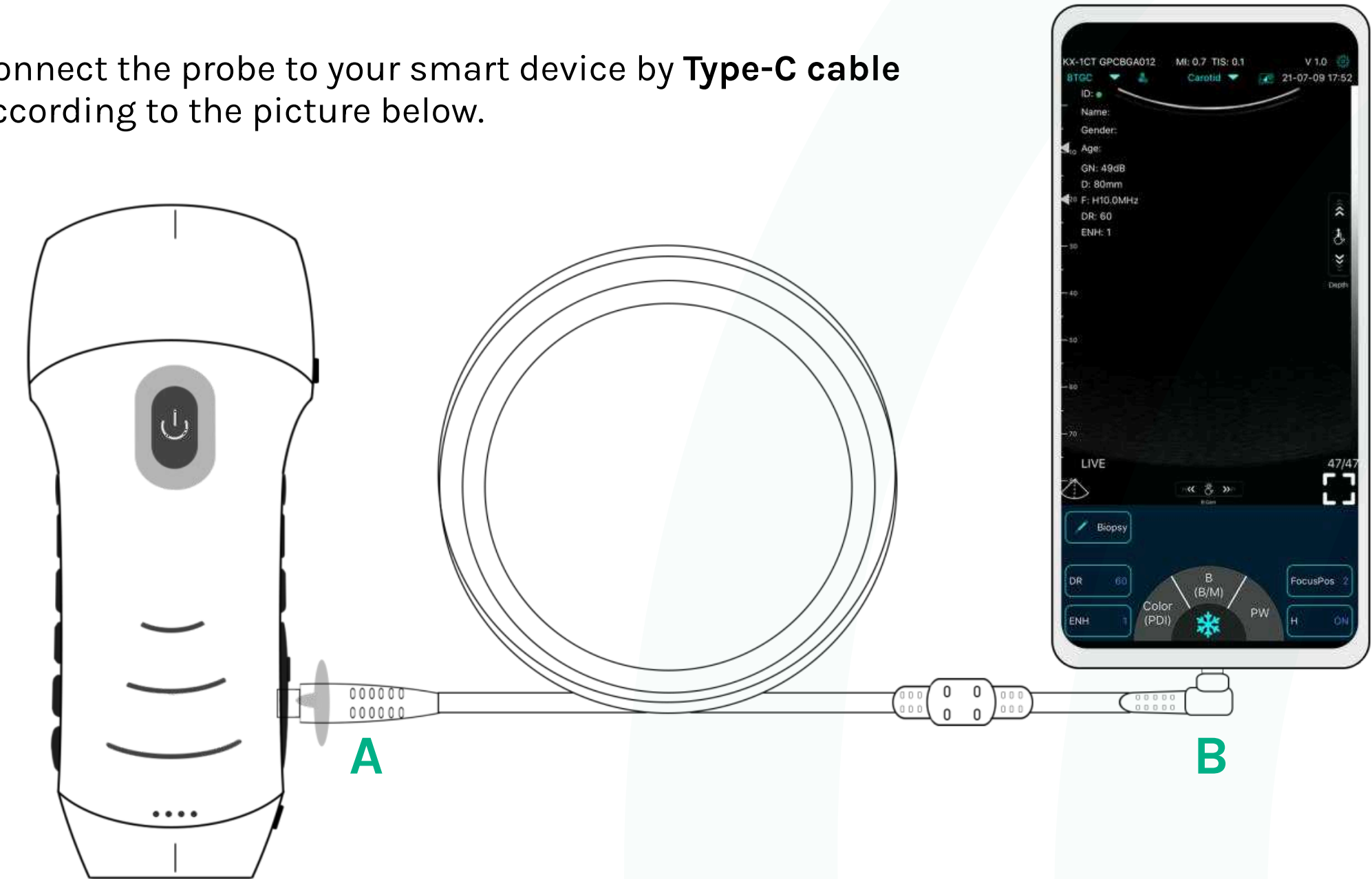
Enter password: **uxccbmh000**.



NOTE: Device password will ALWAYS be the SN code in small caps.

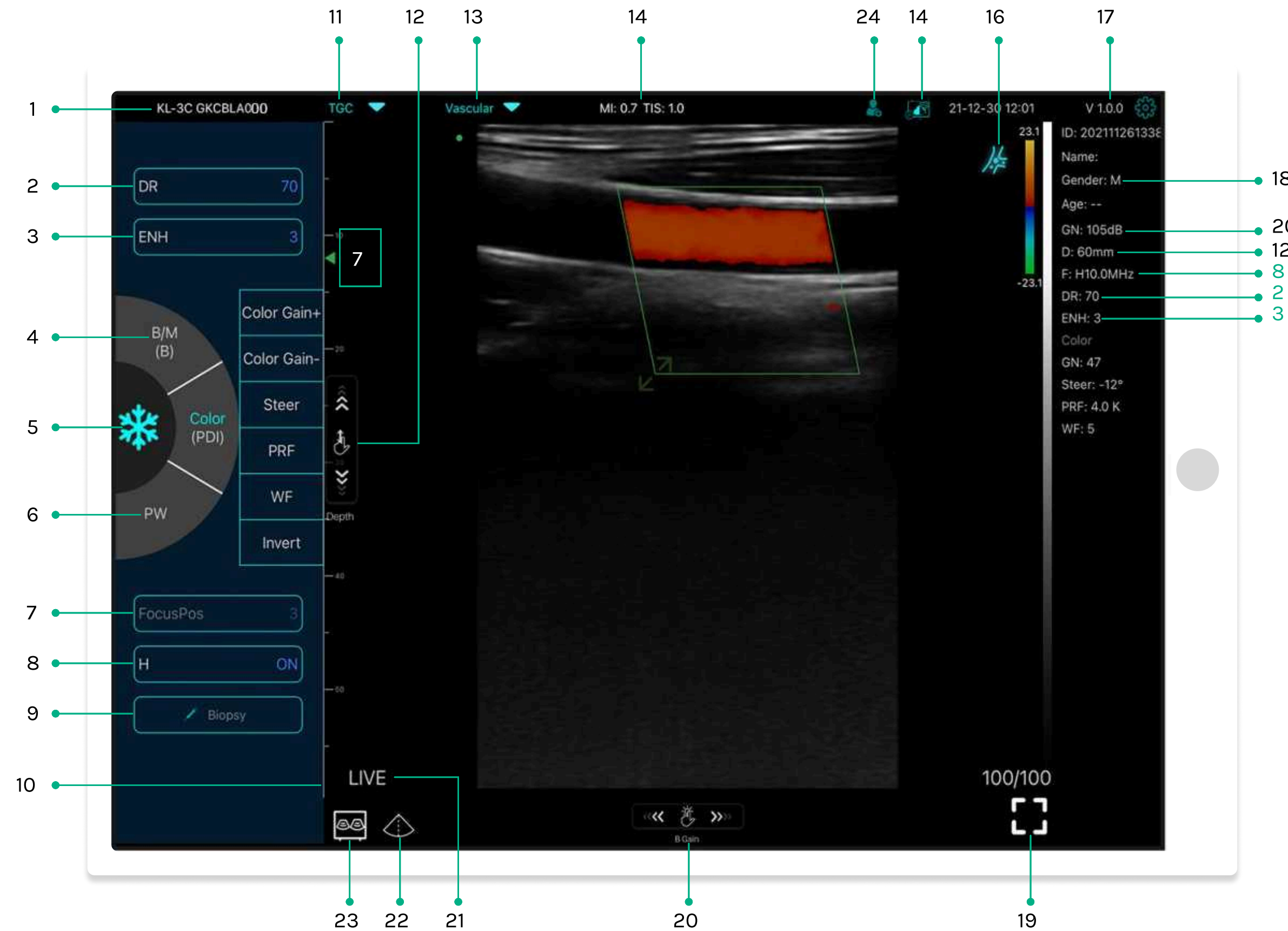
METHOD 2: USB CONNECTION

Connect the probe to your smart device by **Type-C cable** according to the picture below.



NOTE: The **A-end** must be fully inserted into the probe and the **B-end** must be fully inserted into the smart device.

3. SCANNING (LIVE)



NO. Item description

1. Serial number of probe
2. Dynamic Range (DR)
3. **Imaging Enhance (ENH)**
4. Mode: B B/M, Color PDI
Dual click to switch scanning mode
5. Freeze/Live button
6. Mode:PW
7. Focus Position
8. H: **Scanning frequency (F)**
9. Biopsy Needle Guide line
To invert the image horizontally or vertically.
U/D flip, R/L flip.
10. Depth Scale display
11. 8 TGC: adjust gains of different depth
12. **Depth:** adjust depth by swiping the button (D)

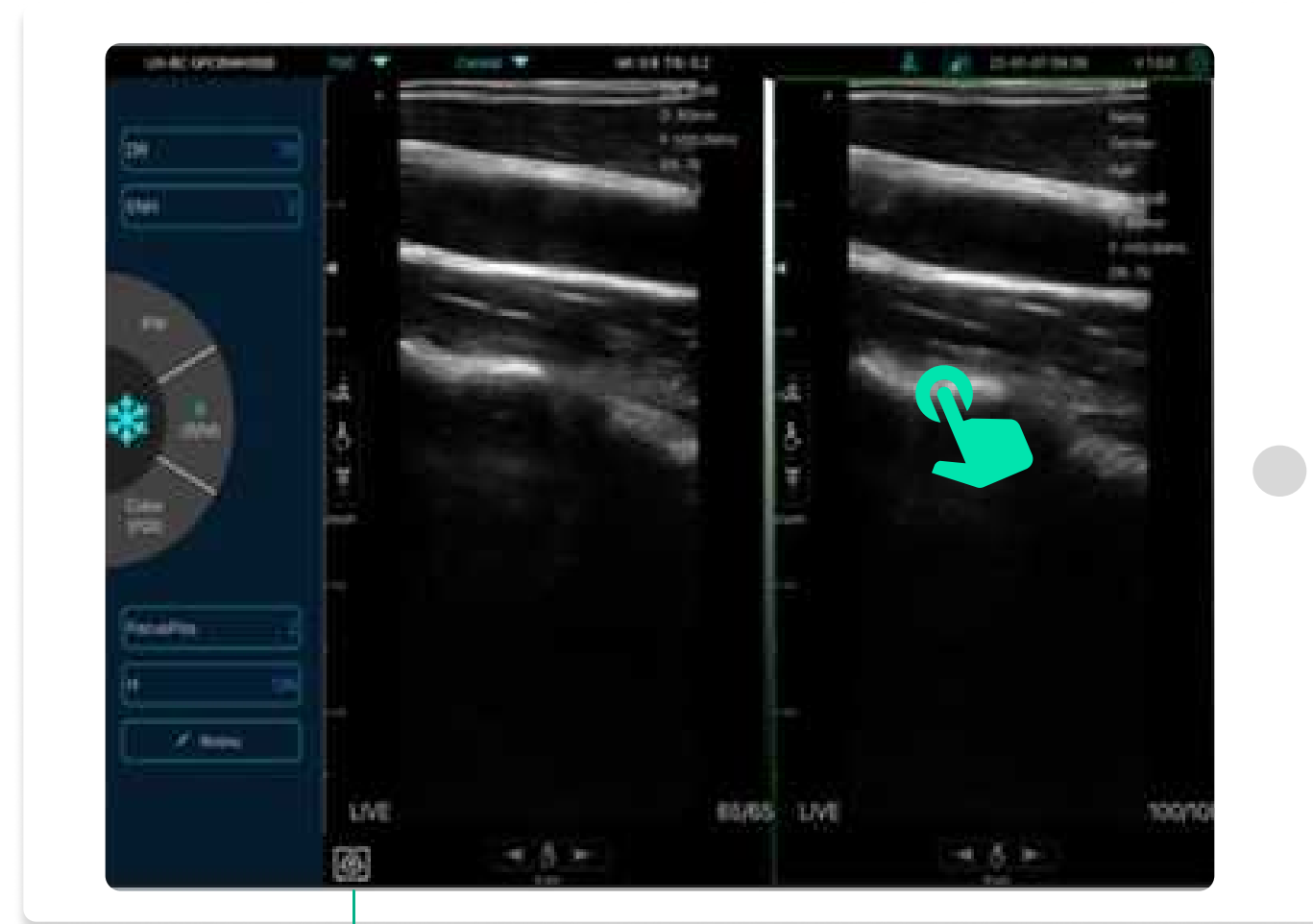
NO. Item description

13. **Preset selection**
14. The Thermal Index (TI), Mechanical Index (MI), and Hz values
15. DICOM Procedures, uploading images to PACS
16. Body Mark
17. APP version number
18. Show patient information
19. **Full screen**
20. **B Gain (GN)**
21. Live/freeze display
22. Mid-line
23. **Dual screen display mode**
24. **New patient & new report**

3.1. DUAL SCREEN DISPLAY MODEL

Click   button to switch the dual screen / single screen mode

Click the left/right screens to switch freely, and you can switch B/BM/Color/PW mode at the same time.



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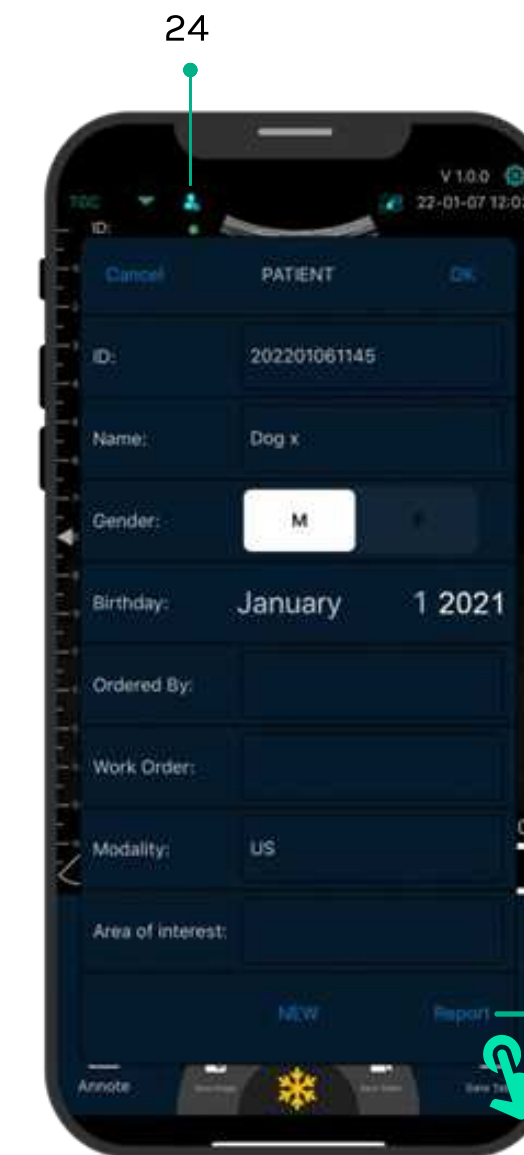
B+Color mode



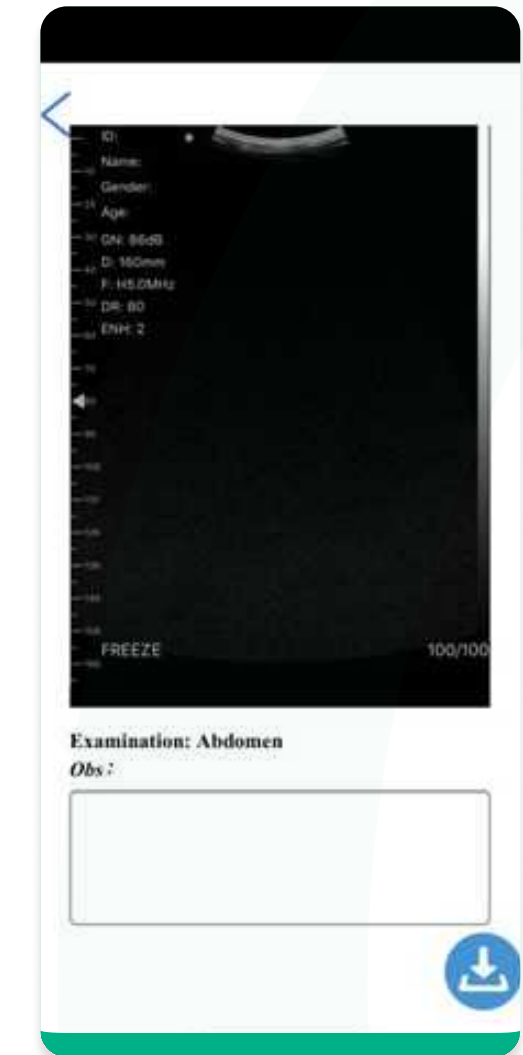
Color+PW mode

24. NEW PATIENT & NEW REPORT

- a. Enter new patient info, click **OK**
- b. Scan now, then Freeze image
- c. Follow the Scan App protocol for image storage and sorting.

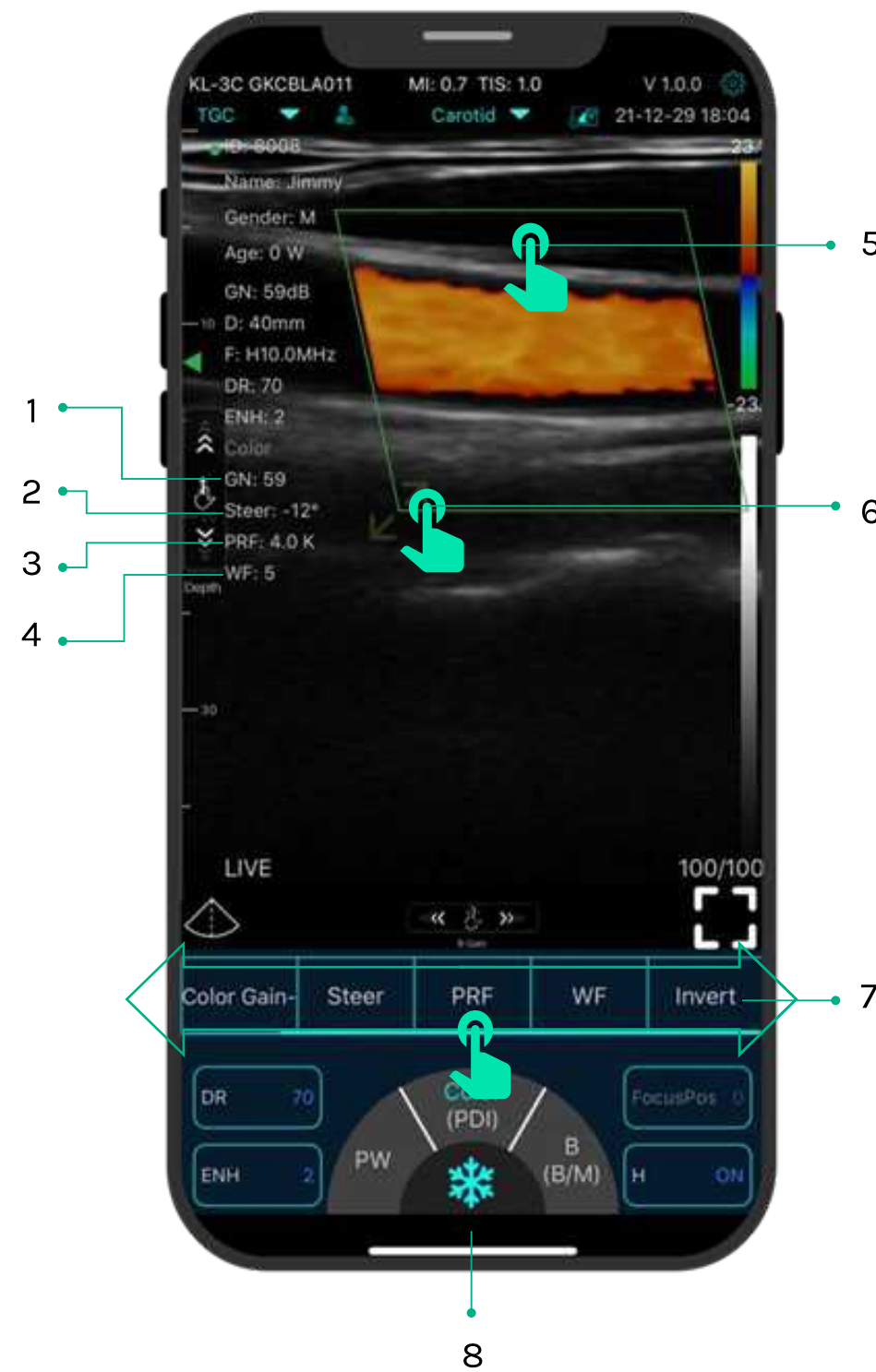


24



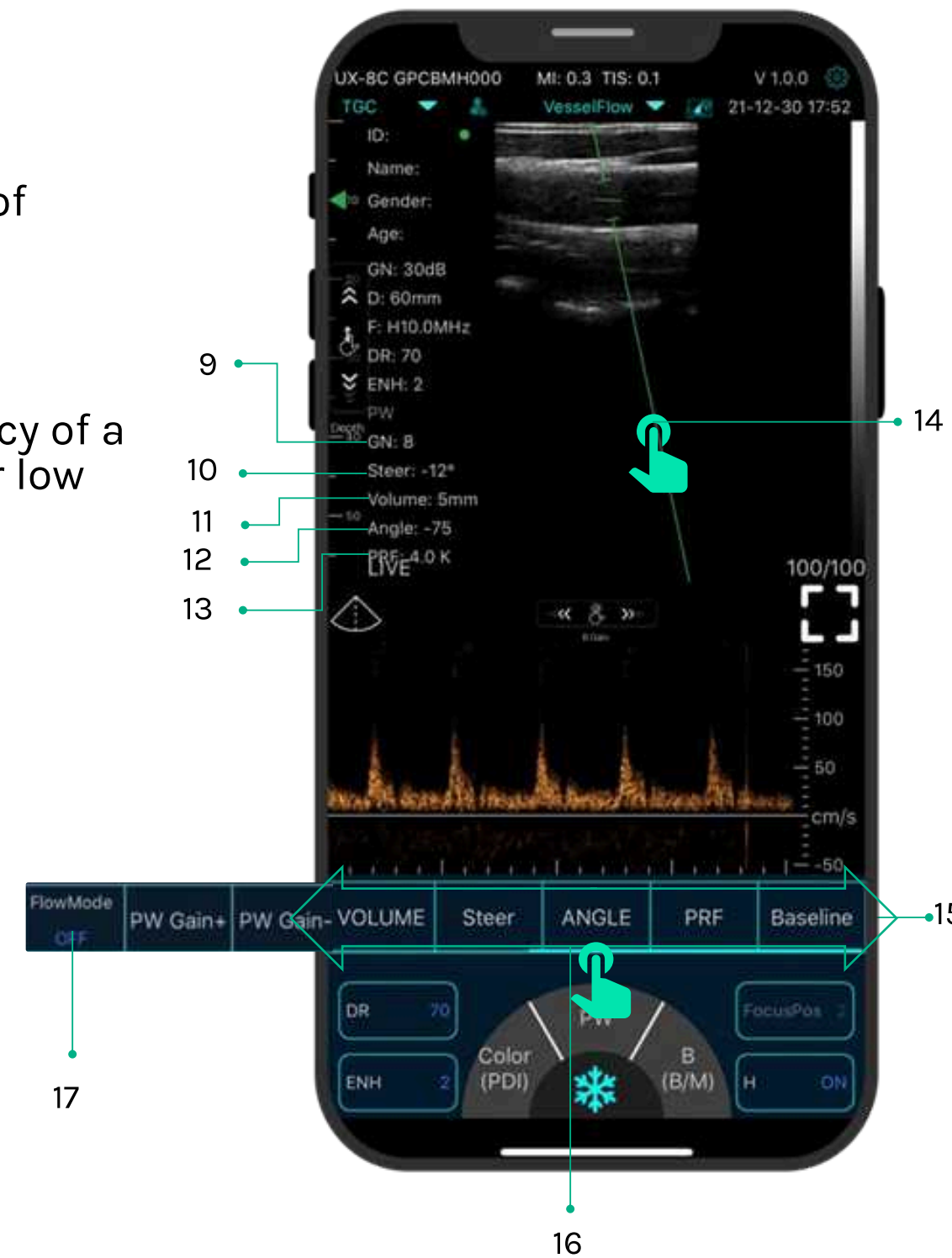
3.2. COLOR/PDI MODE & PW MODE

COLOR/PDI MODE



1. **GN** - Color Gain \pm
2. **Steer** - Click Steer Adjust the deflection angle of color ROI
3. **PRF** - Click PRF Adjust color pulse repetition frequency
4. **WF** - Click WF Adjusting the filtering frequency of a pulse wave or continuous wave Doppler low frequency signal
5. - Tap and drag the green box to move the Color ROI
6. - Use the arrows provided to adjust the angle and size
7. **Invert** - Color Red \longleftrightarrow Blue invert
8. - Slide the Color/PDI menu bar **B + Color + PW Mode**
First select Color mode. Then switch to PW mode (only available for convex probe of dual head serial USG probe).

PW MODE



9. **GN** - PW Gain \pm
10. **Steer** - Click Steer Adjust the deflection angle of sampling line of linear array probe
11. **Volume** - Change the size of the sampling volume
12. **Angle** - Used to change the spectrum sampling line angle
13. **PRF** - Adjust color pulse repetition frequency
14. - Tap and drag the green line
15. **Baseline** - Move the velocity scale
16. - Slide the PW menu bar **Flow-mode ON/OFF**
17. **Automatic blood flow measurement**
Step 1 : Select "vessel flow" preset
Step 2 : Enter PW mode, produce a **uniform** spectrum
ON Step4: Freeze the PW image: the AI will show the result automatically (**linear probe only**).

3.2. FREEZE & IMAGE BROWSER

FREEZE







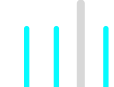

1.  Add annotations on any frozen image
2.  Save image: The image will be saved in your usual device gallery.
3.  Various Measurements
4.  Save video: The video will be saved in your usual device gallery.
5.  Data table
6.  Auto cine review
7.  Manual cine review



IMAGE BROWSER REVIEW IMAGE/VIDEO/REPORT

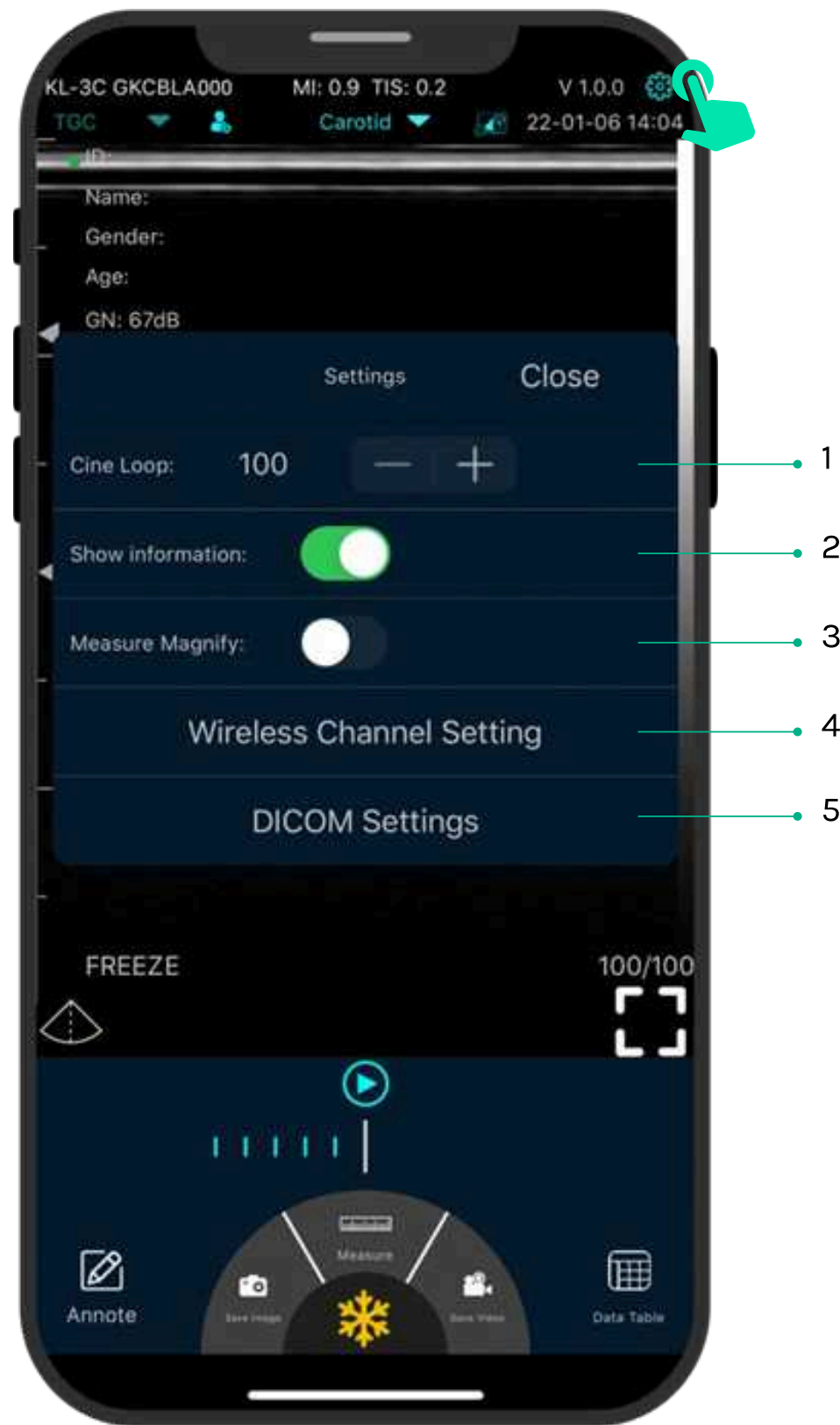


1. Click **5** - **Data Table**.
2. Click **8**  check record
3. Please swipe to the left to browse the images/videos and report. - **9**

Share Sharing scanned files by other app
Printing image/report

Delete Delete local files
The data table can store 500 files

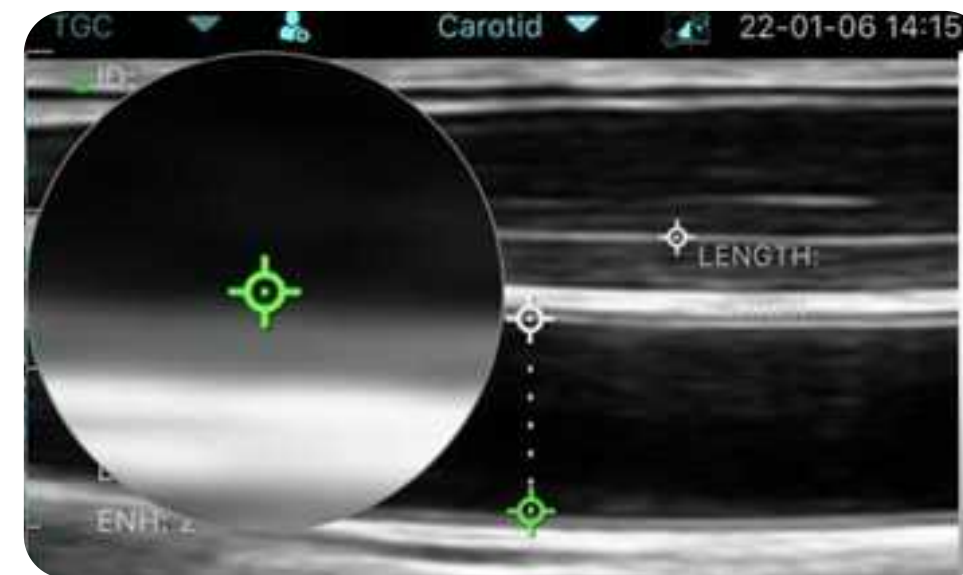
4. SETTINGS



1. Cine loop Adjust cine loop frame number
100-200-500-1000 (100=10s)

2. Show information Hide the patient information and
parameter information on the screen

3. Measure Magnify Measuring magnify function can help you
measure the boundary of smaller target.

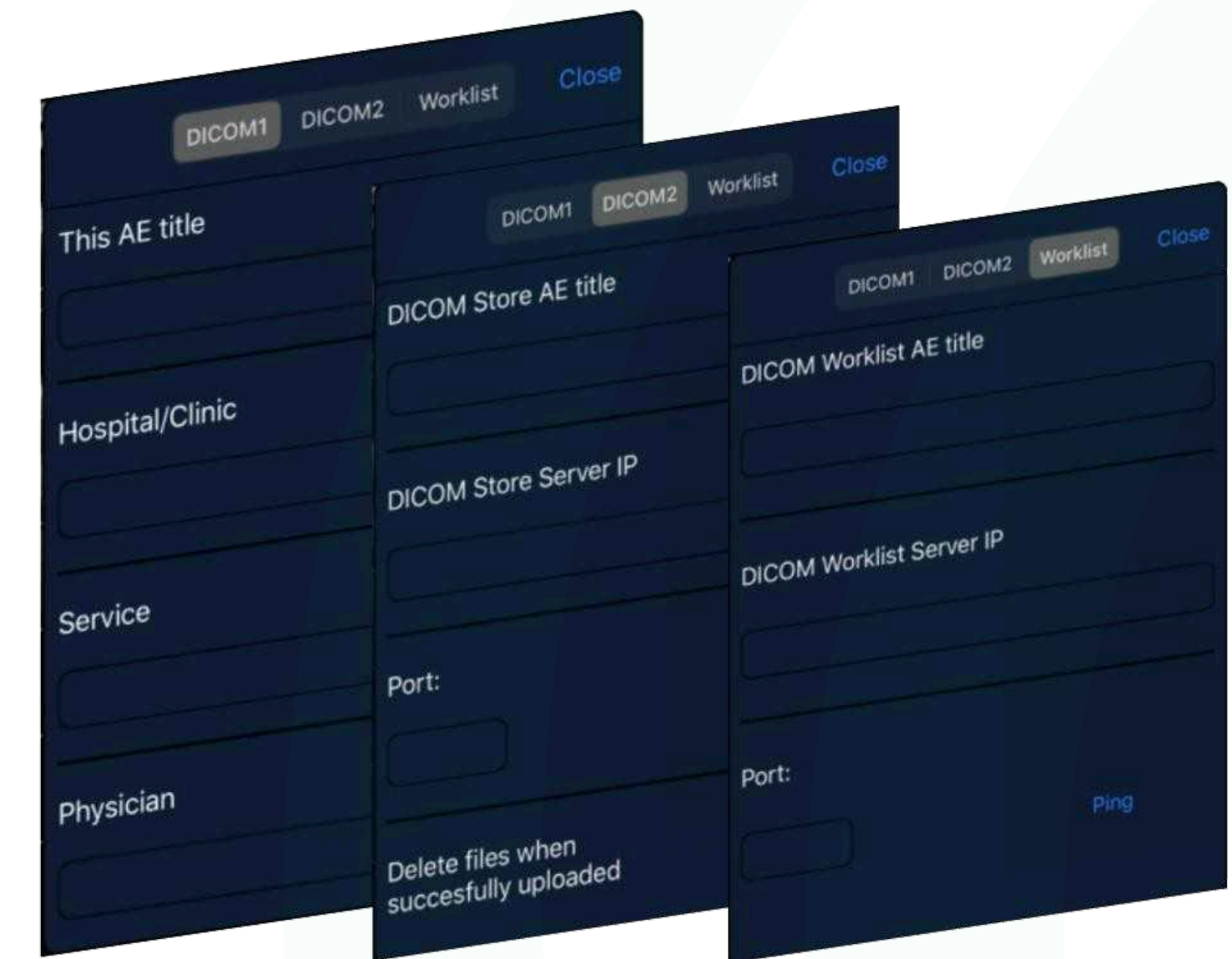


3. Measure Magnify

4. Wi-Fi channel setting IF scanning image transmission is delayed or
frozen, Please contact UIMAGE directly.
Restart the probe and reconnect to via WiFi.

5. DICOM settings

- a. Connect mobile phone with Workplace WiFi
- b. Fill in the **DICOM1-DICOM2-Worklist** information and tap Ping buttons to test run the set up
- c. If successful: DICOM/PACS will notify the user in app.



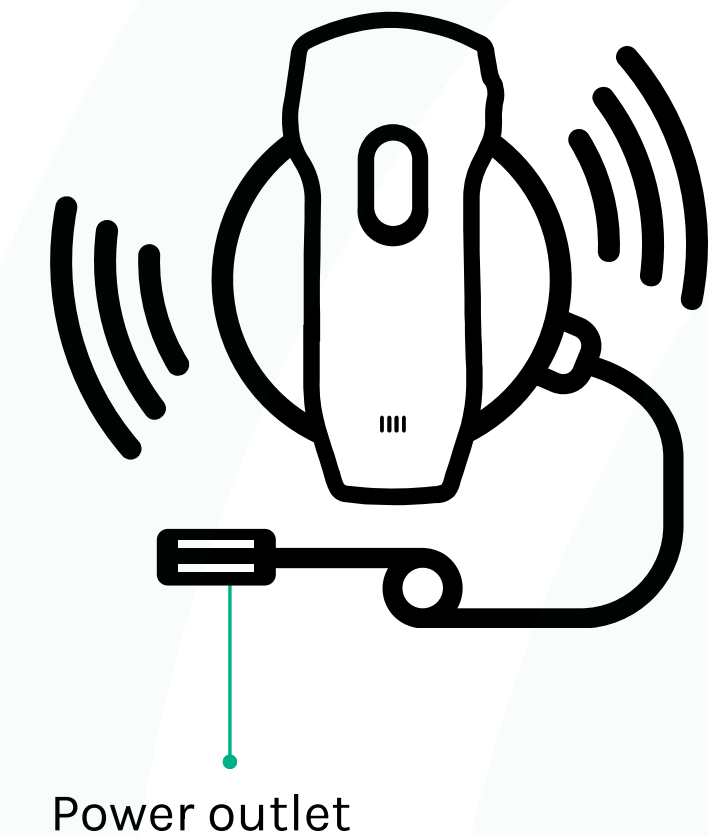
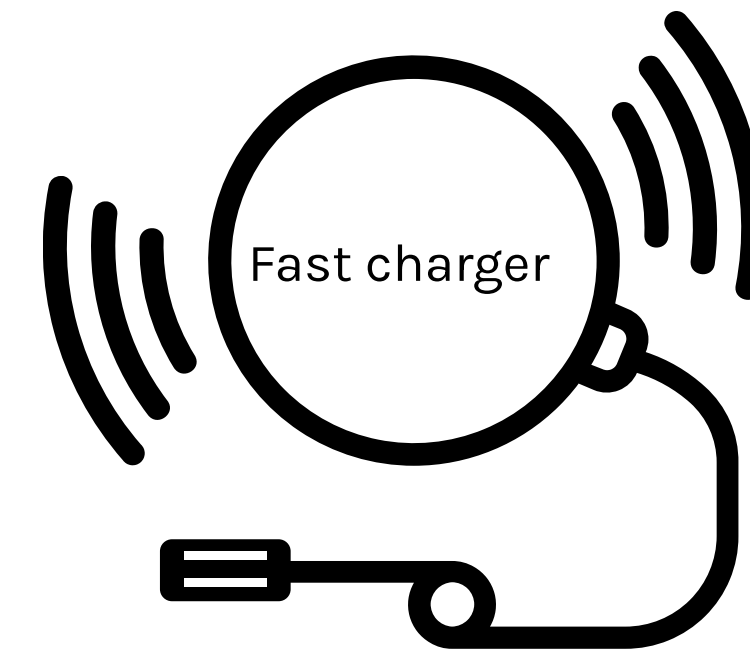
5. CHARGING

CHARGING BY USB CABLE

1. Pull out the rubber plug at the end of the probe.
2. Use our USB Type-C charging cable to connect the probe and wall adapter. (or other USB port that can provide the power supply such as a portable charger) as shown below.
3. Plug the wall adapter into a power outlet.

CHARGING BY WIRELESS CHARGING PAD

1. Disconnect the probe from your mobile device.
2. Connect the Micro USB cable to the wireless charging pad.
3. Connect the USB end of the cable to the wall adapter.
4. Plug the wall adapter into a power outlet.
5. Place the probe onto the white wireless charging pad.



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