IMAGE

APPLICATION WALKTHROUGH

CONTENT

1. About this walkthrough.....3

2. Registration.....7

3. Authentication.....9

4. Main menu.....11

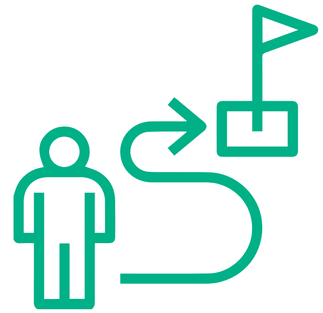
5. Portfolio.....12

6. Scanning.....24

1. ABOUT THIS WALKTHROUGH

What’s in this walkthrough?

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



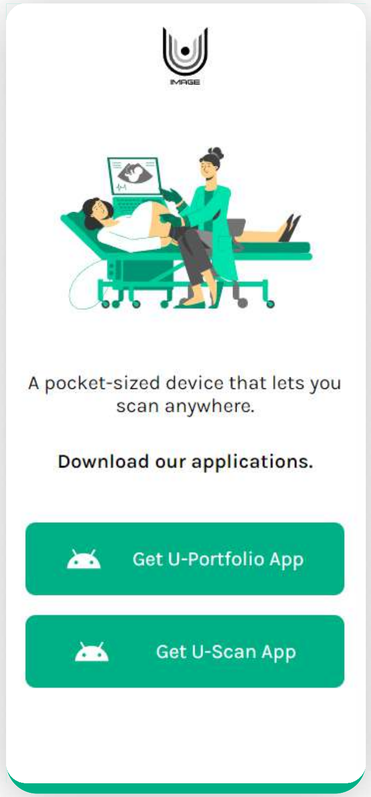
1.1 DOWNLOADING APPS

How to download the application?

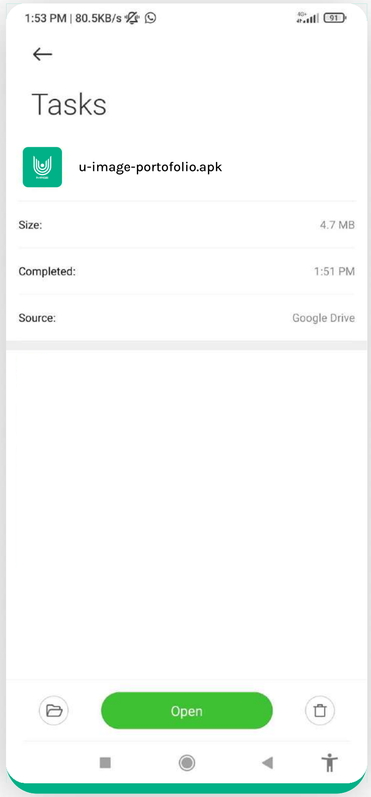
It is a straightforward process. The steps below are illustrated in the following slides.

1. Access https://apps.uimageafrica.com/downloads/u-image-portofolio.apk and https://apps.uimageafrica.com/downloads/u-image-scan.apk.
2. Download the apps.
3. Access your “**Download**” folder and install the app.
4. It will ask for some permission such as “Install unknown apps”. Allow it and continue installing the app.
5. Finish installing the apps.

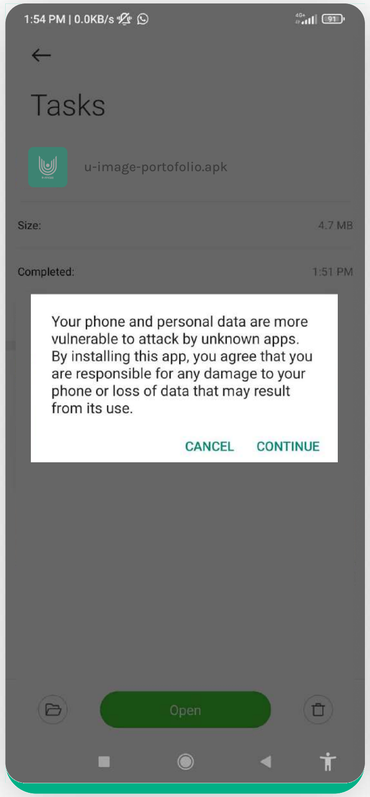
1.2 Download The U-Portfolio App



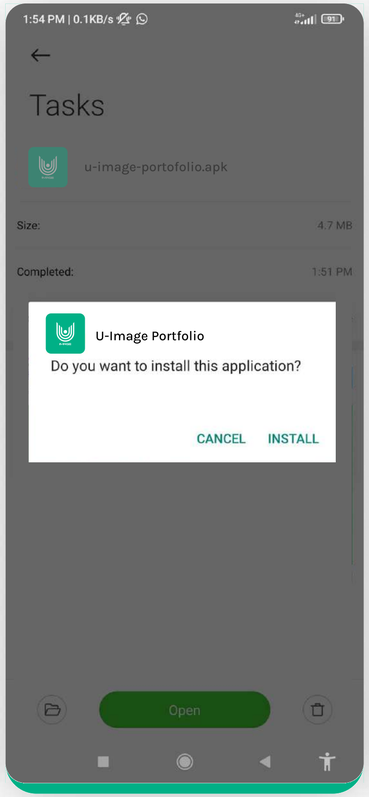
Step 1



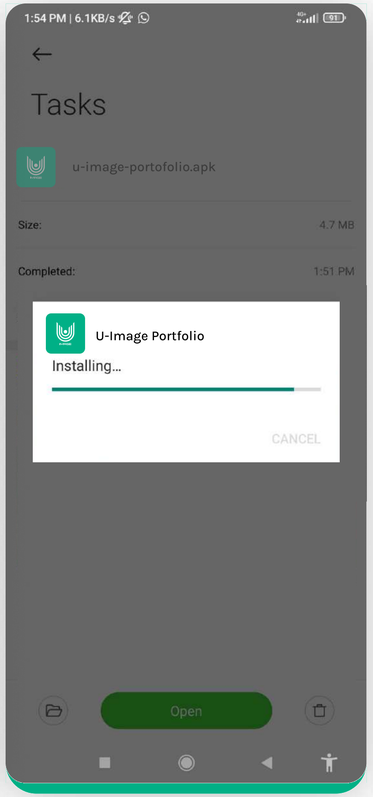
Step 2



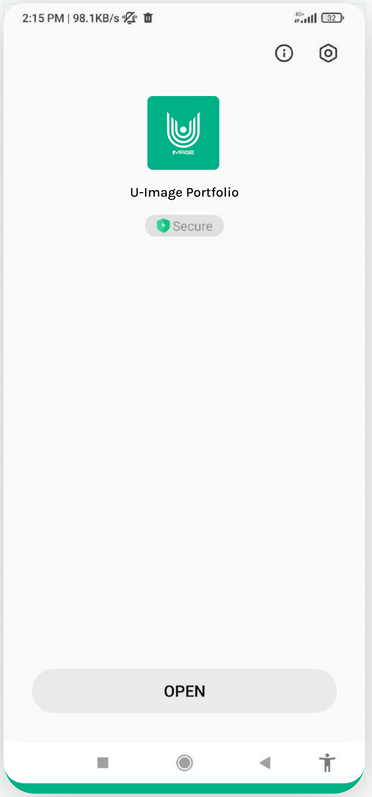
Step 3



Step 4

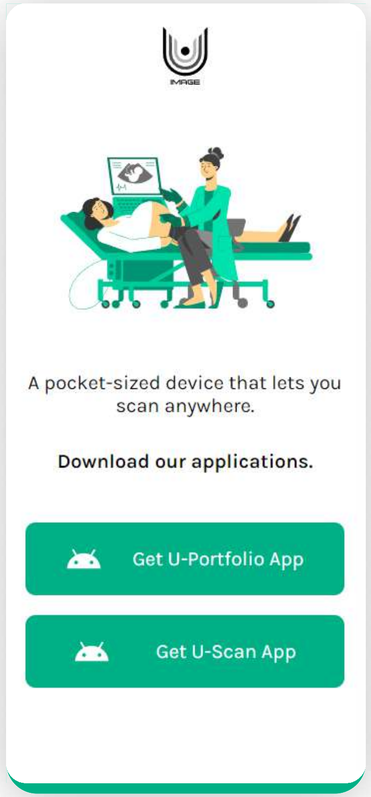


Step 5

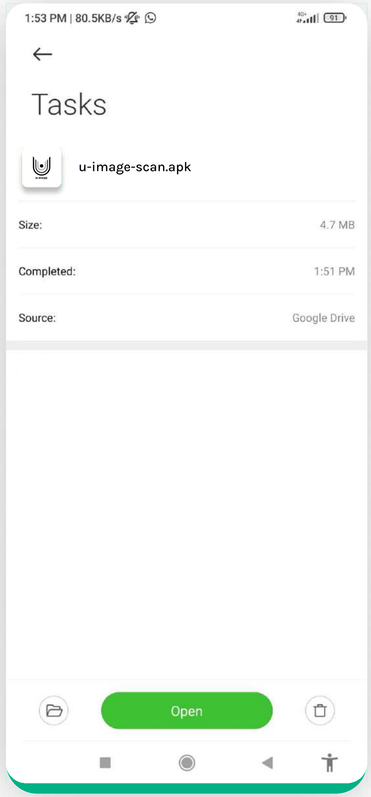


Step 6

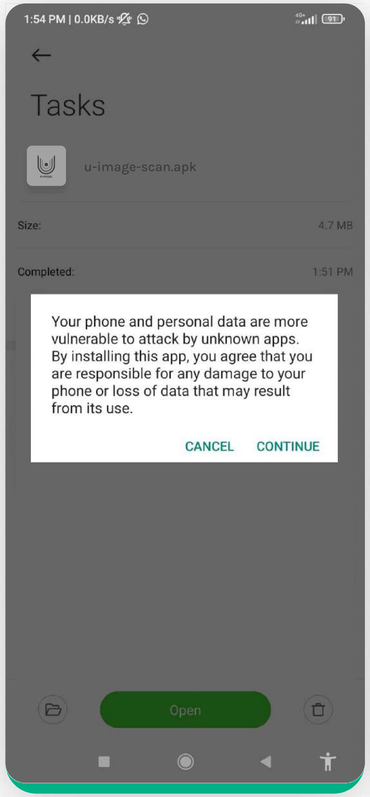
1.3 Download The U-Scan App



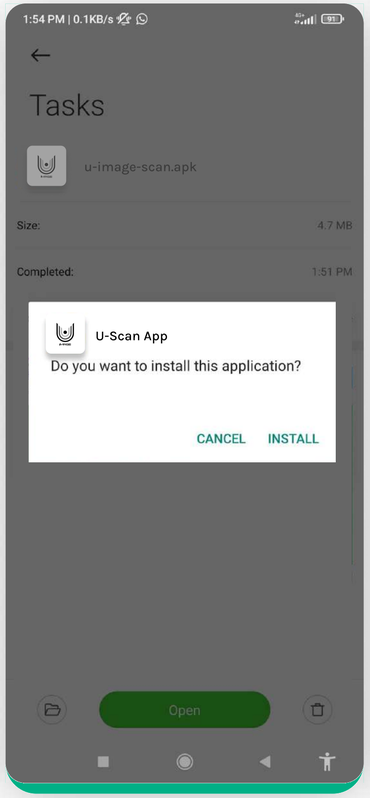
Step 1



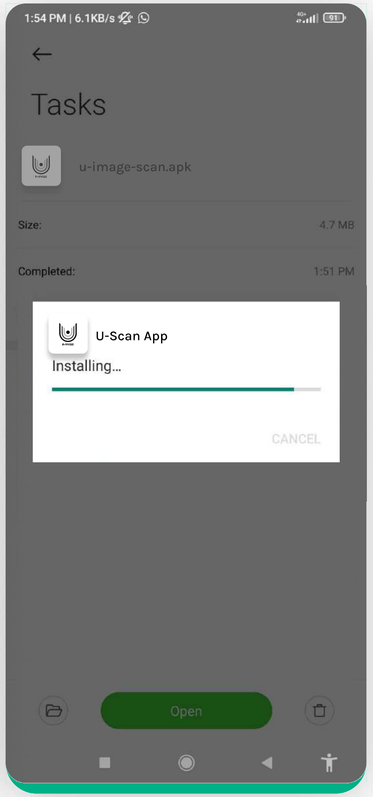
Step 2



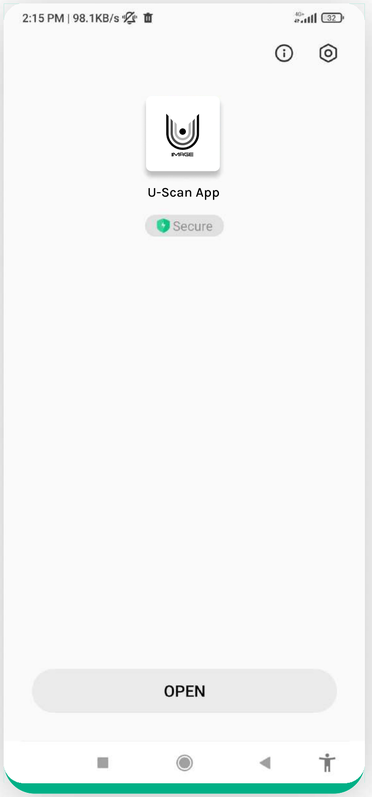
Step 3



Step 4

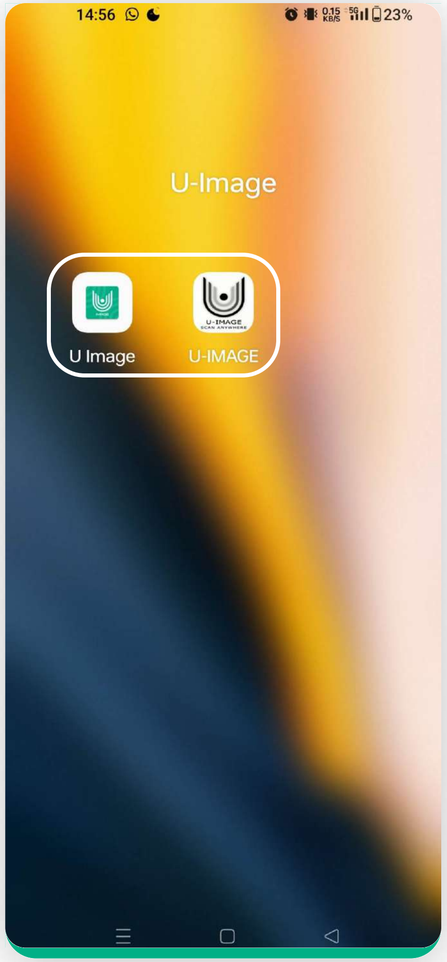


Step 5

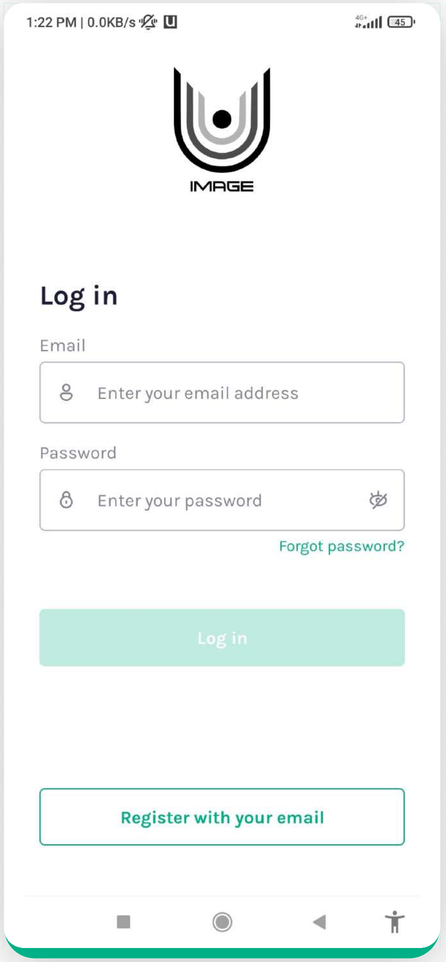


Step 6

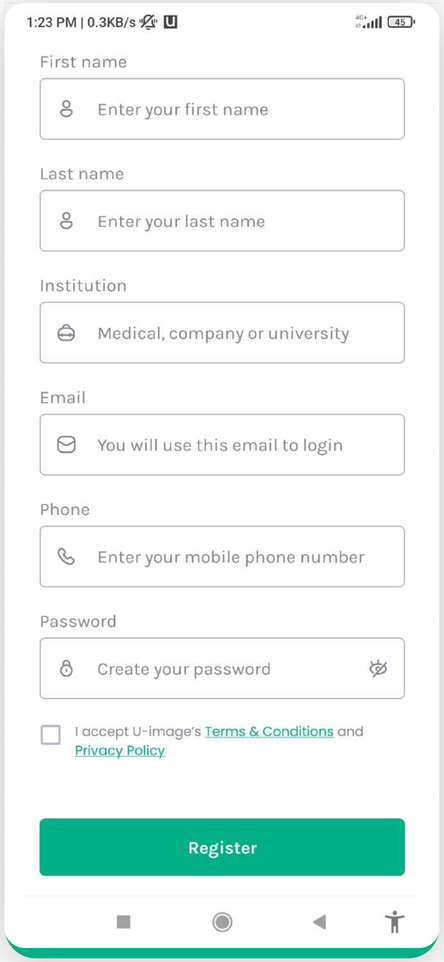
2. REGISTRATION



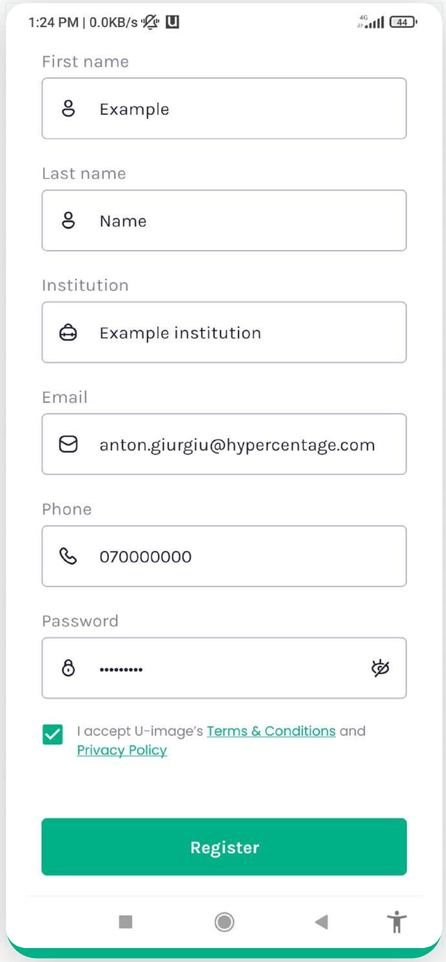
Entering App



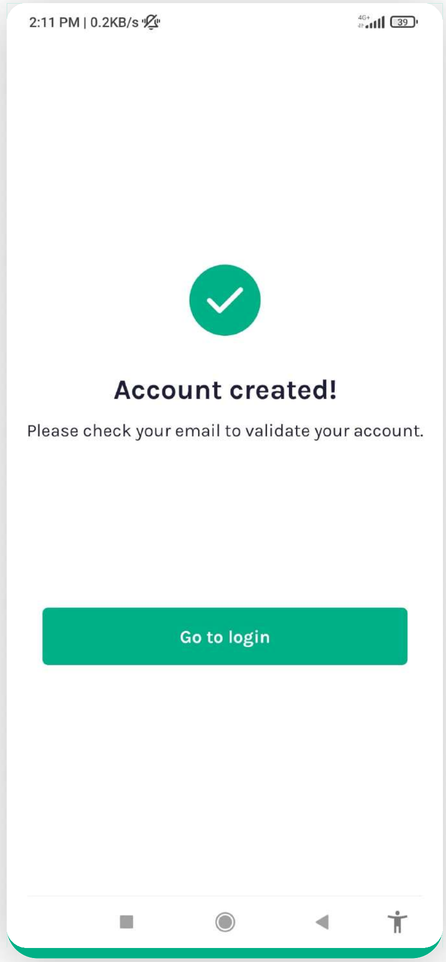
Tapping on Register



Fill-in fields

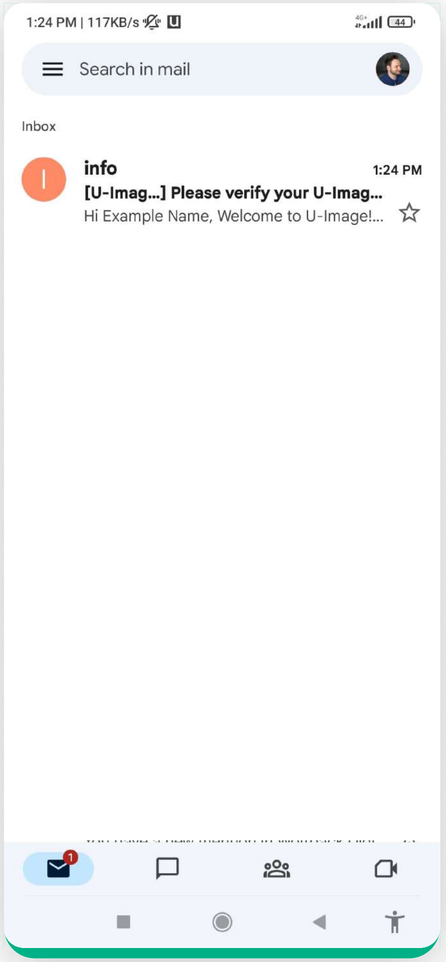


Complete registration

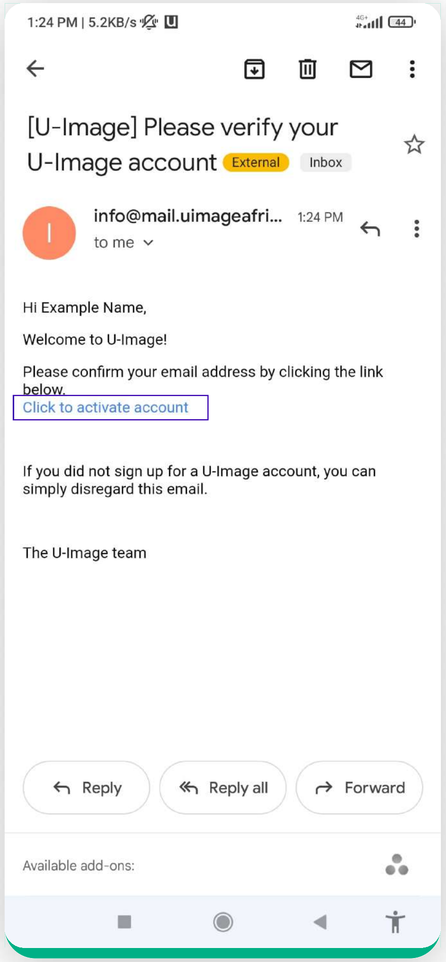


Going to Log-in screen

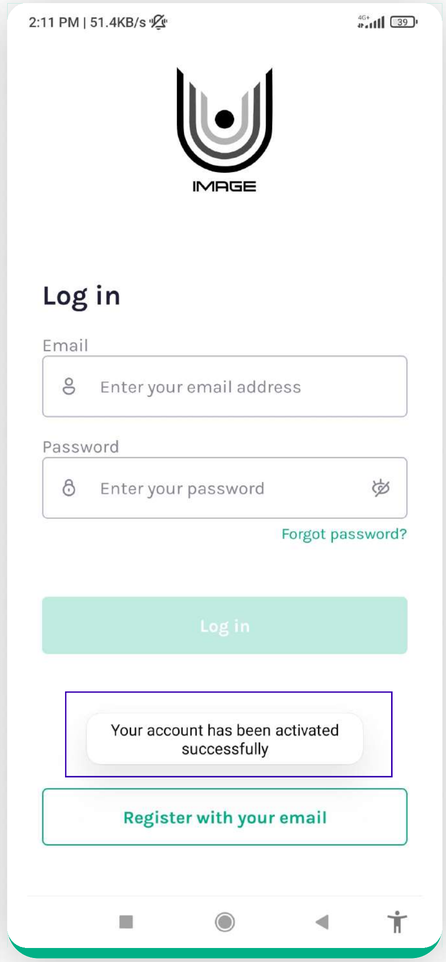
2. REGISTRATION - Verification



Email verification

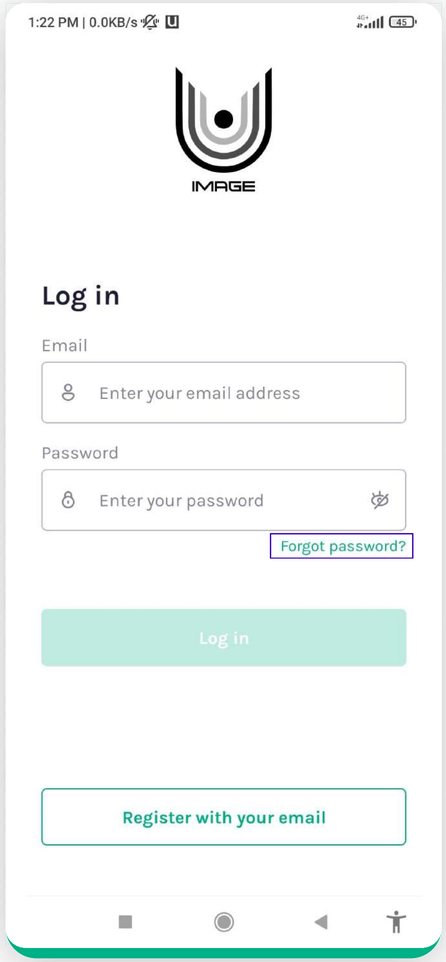


Tapping on the link

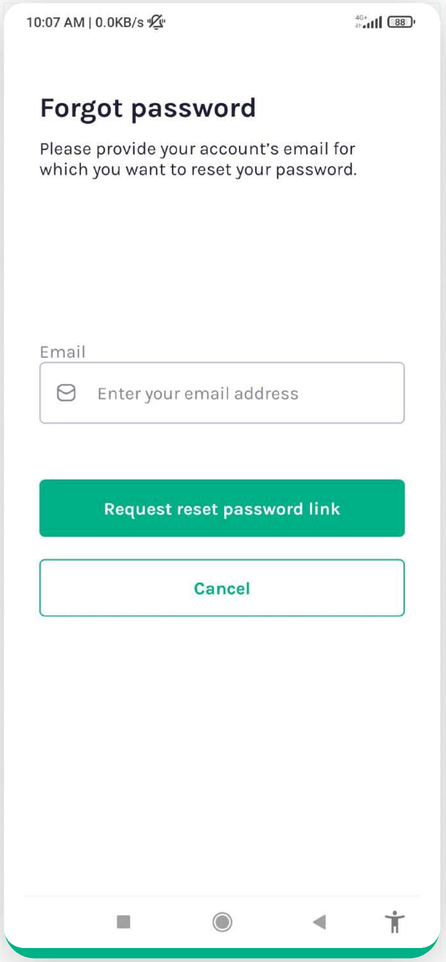


Confirmation

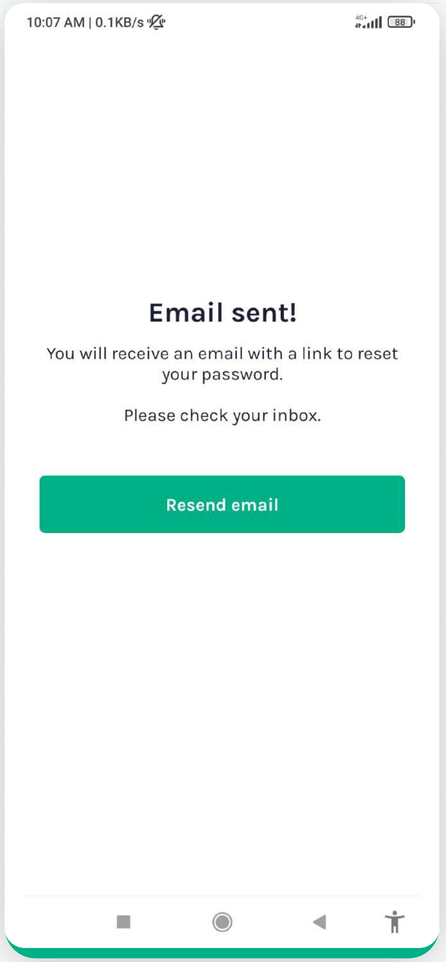
3. AUTHENTICATION - Forgot Password



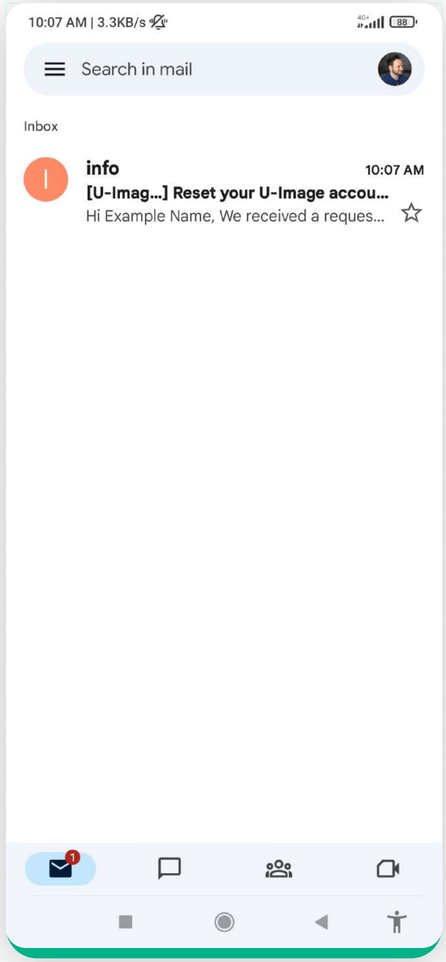
Forgot Password



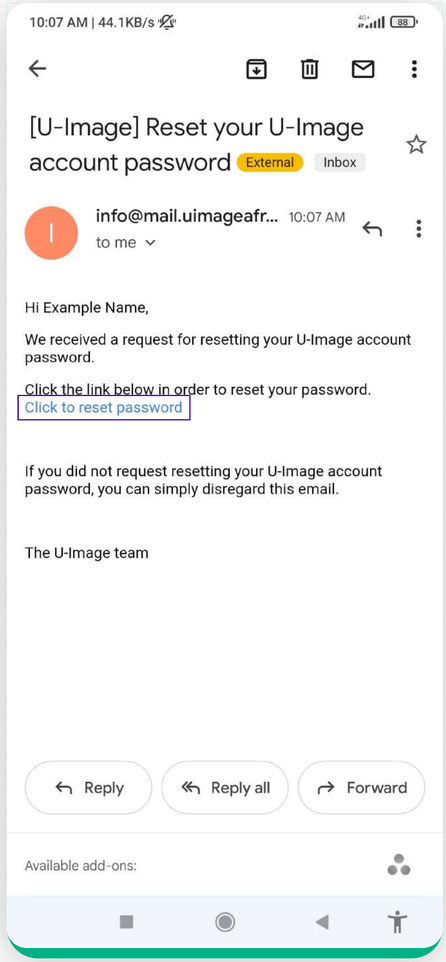
Type email



Confirmation

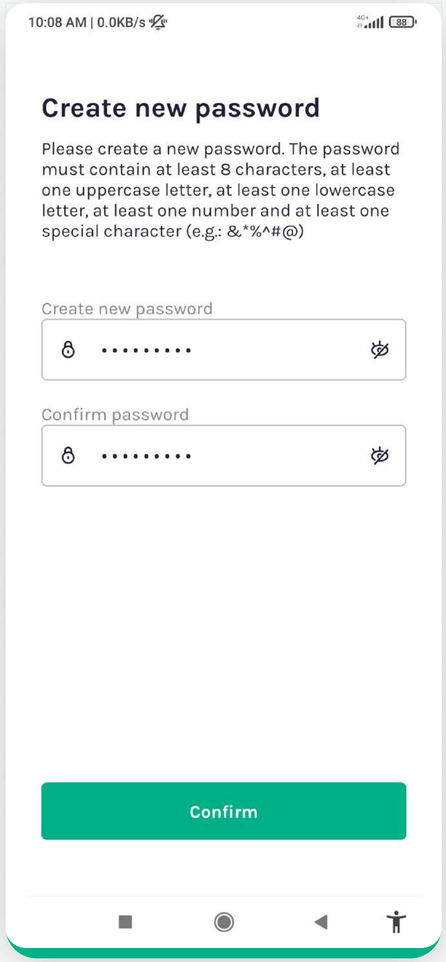


Checking email

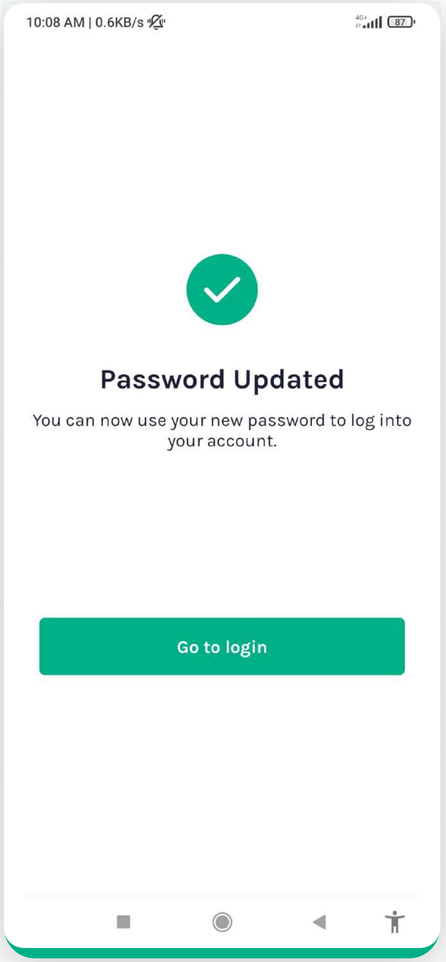


Tapping to reset & open app

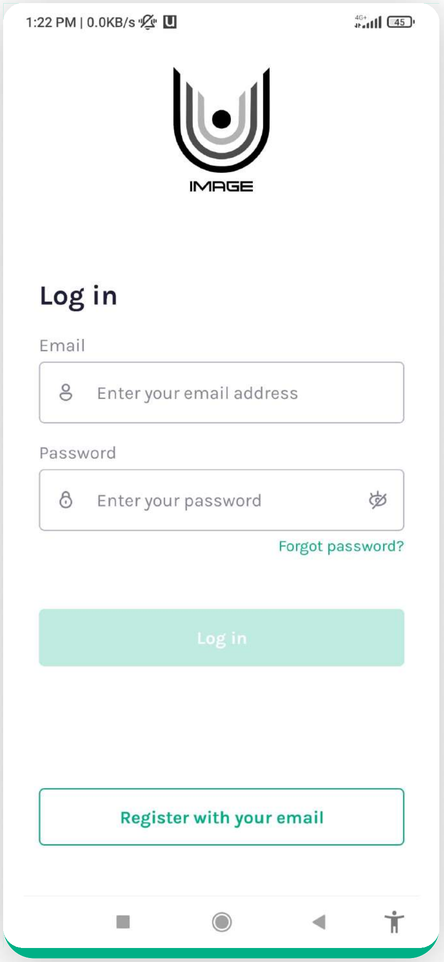
3. AUTHENTICATION - Forgot Password & Log in



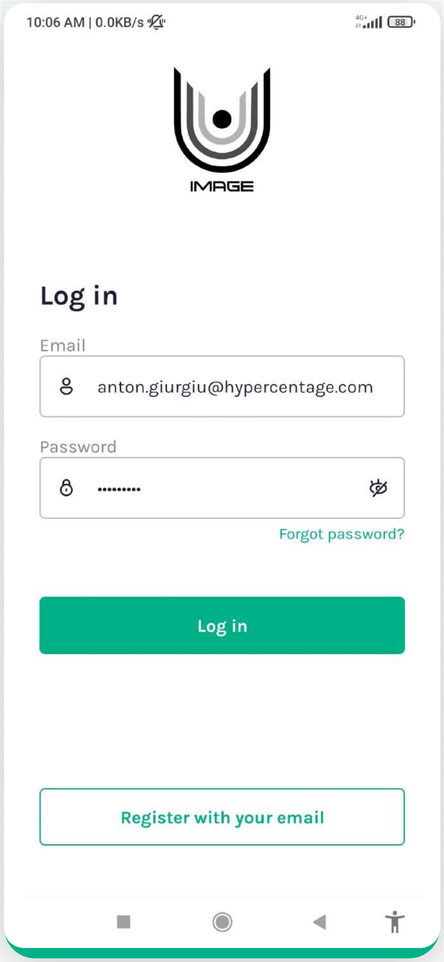
Setting new password



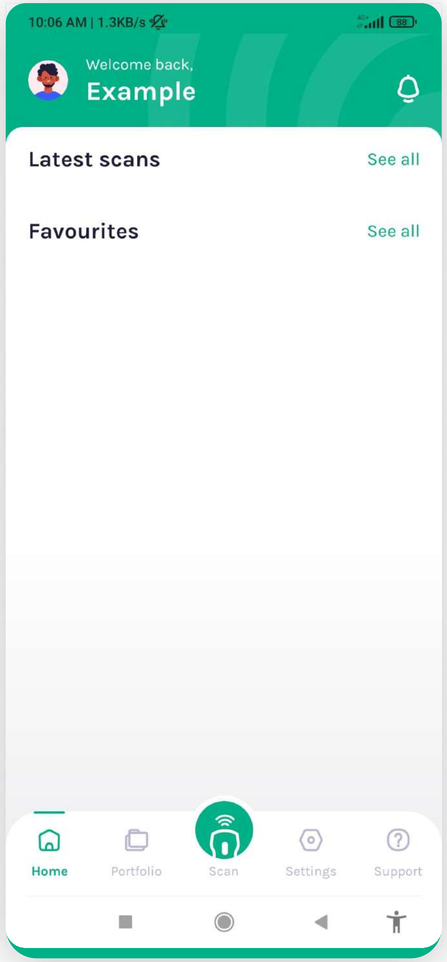
Password update



Fill-in fields

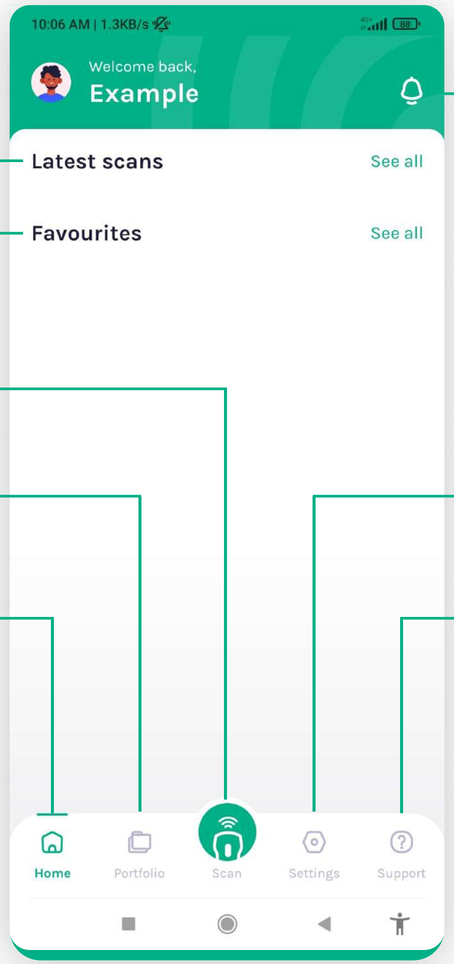


Log in



Home screen

4. MAIN MENU



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

Here it will show your most recent scans.

You favoured scans.

Scan

Portfolio

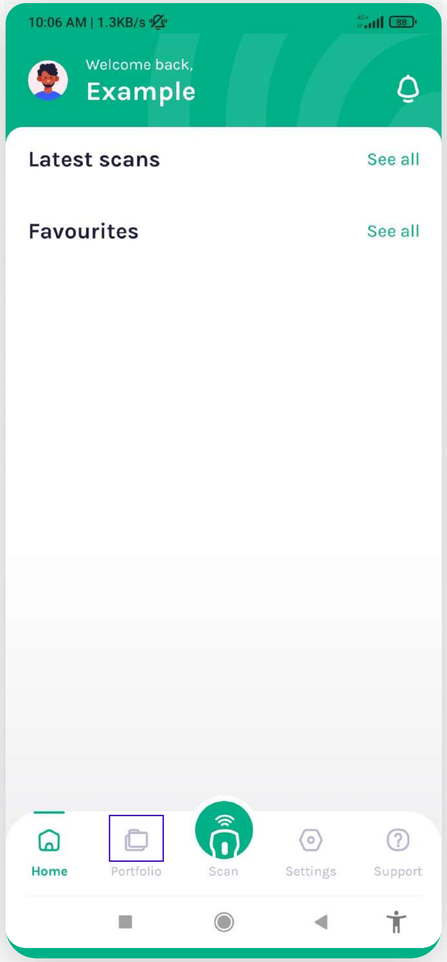
Main menu

Setting for your account & other details.

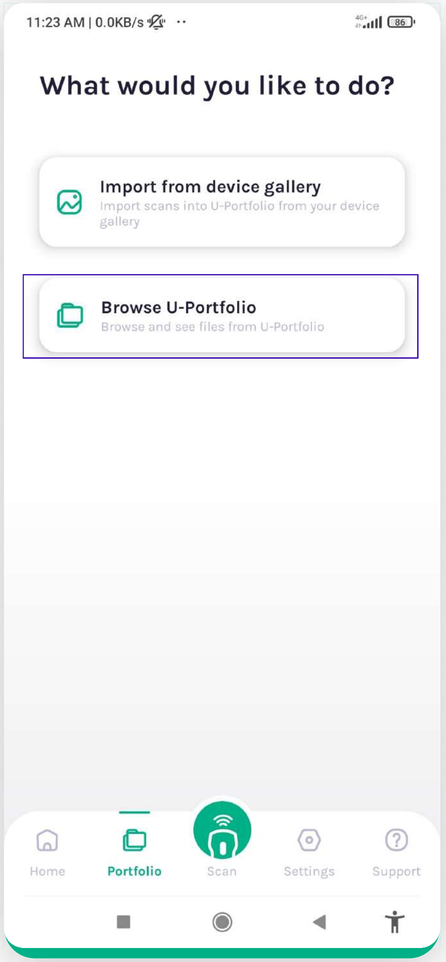
Support

5. PORTFOLIO - Creating a folder

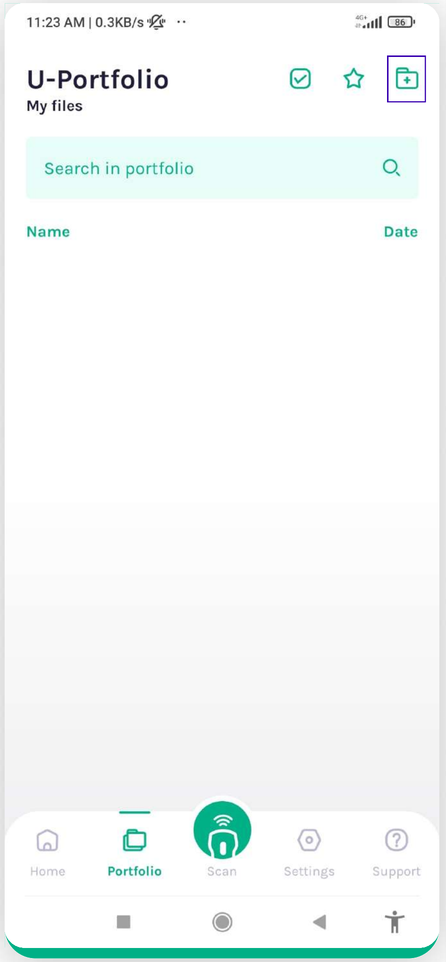
Note*: This is a required process, you will need to create a specific folder for your scan.



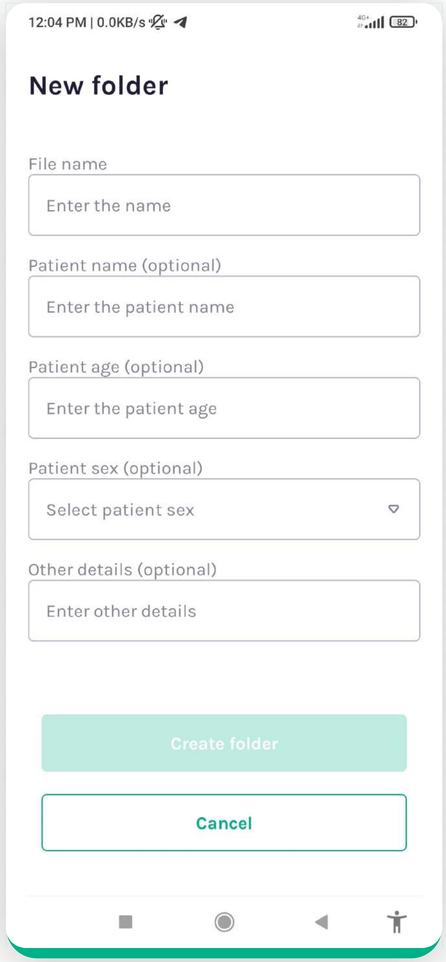
Accessing portfolio



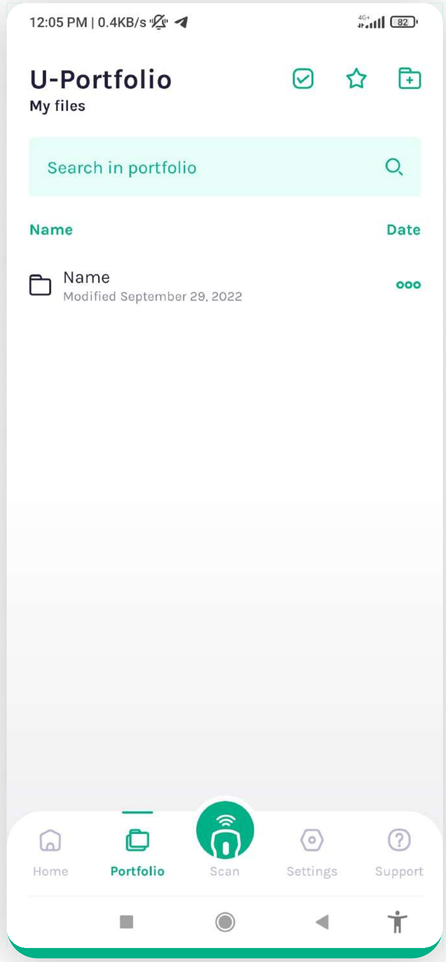
Tapping on “Browse...”



Main screen and creating a folder

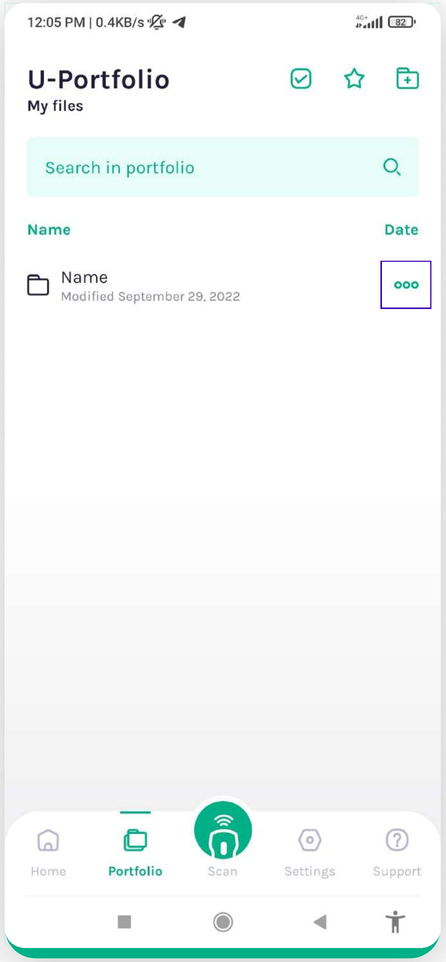


Setting up the folder

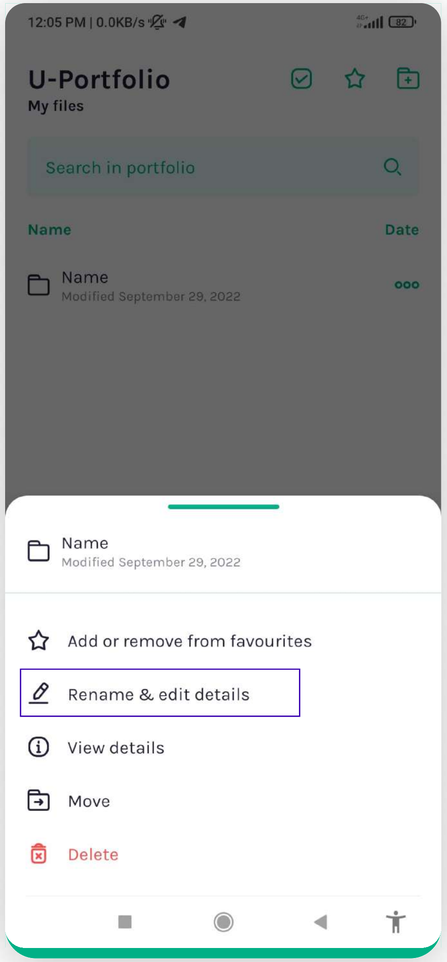


Your first folder

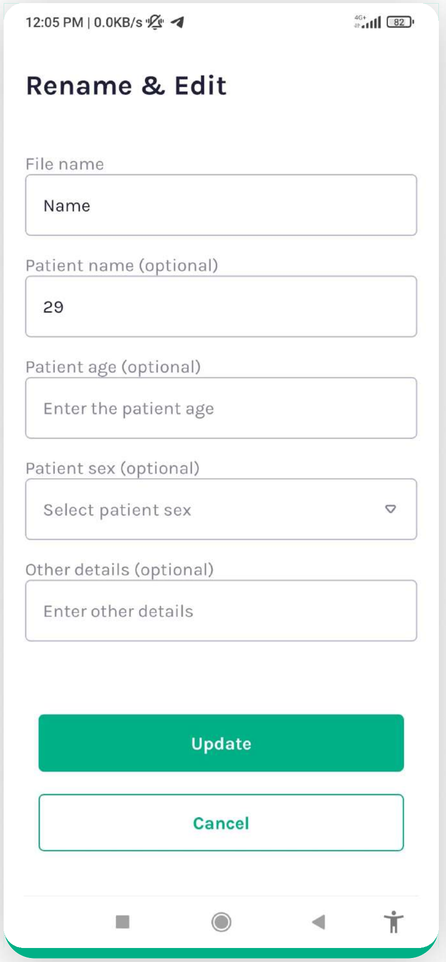
5. PORTFOLIO - Editing a Folder



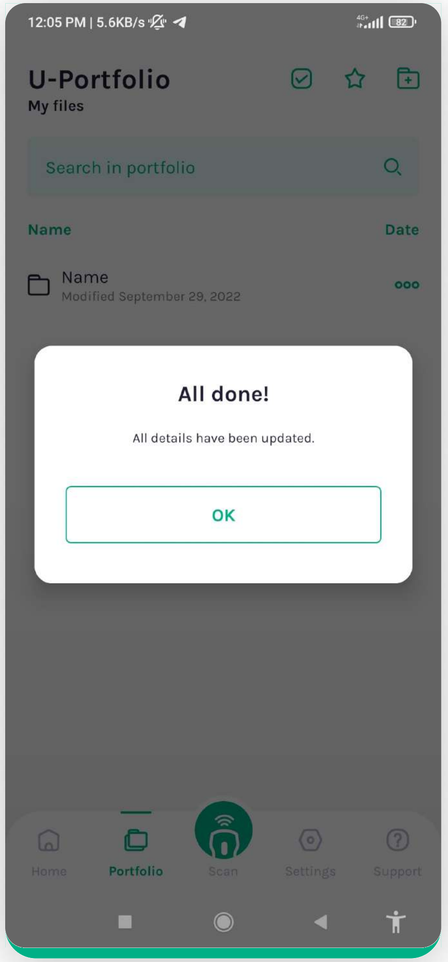
Tapping the dots



Editing the folder's details

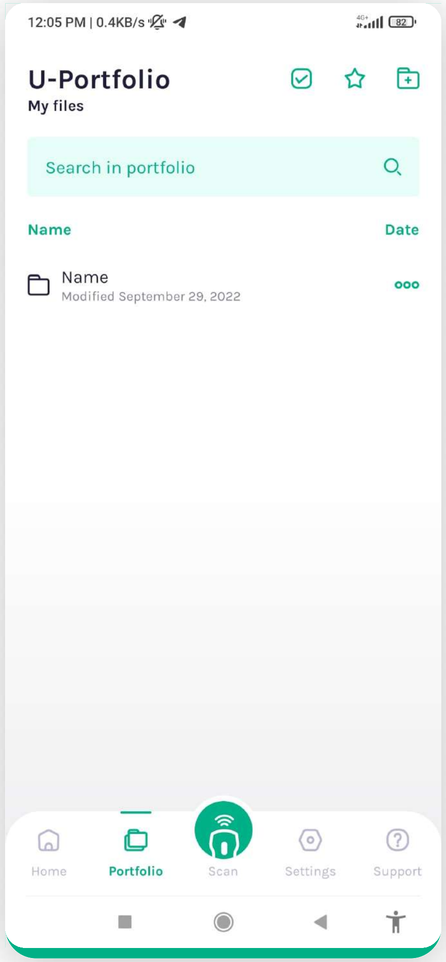


Setting up the details

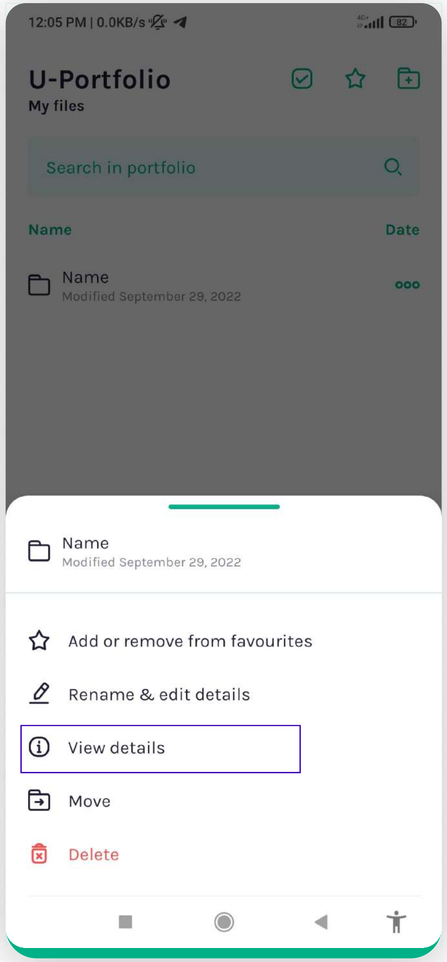


Confirmation

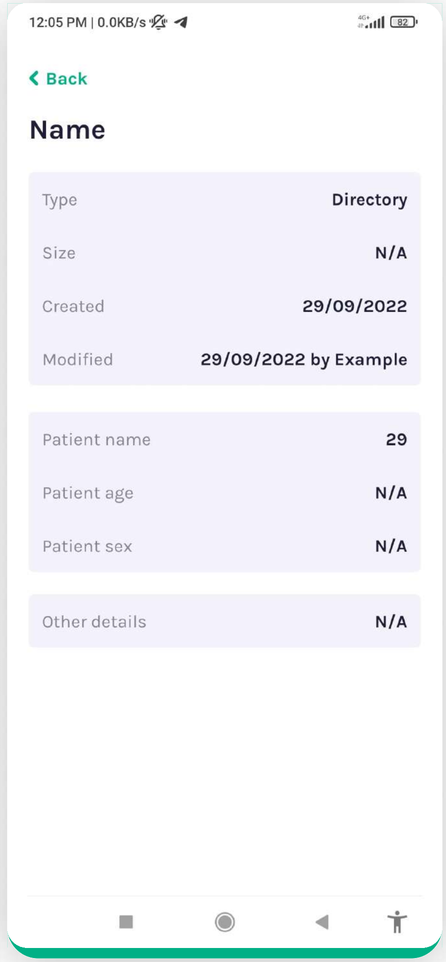
5. PORTFOLIO - View Details



Tapping the dots

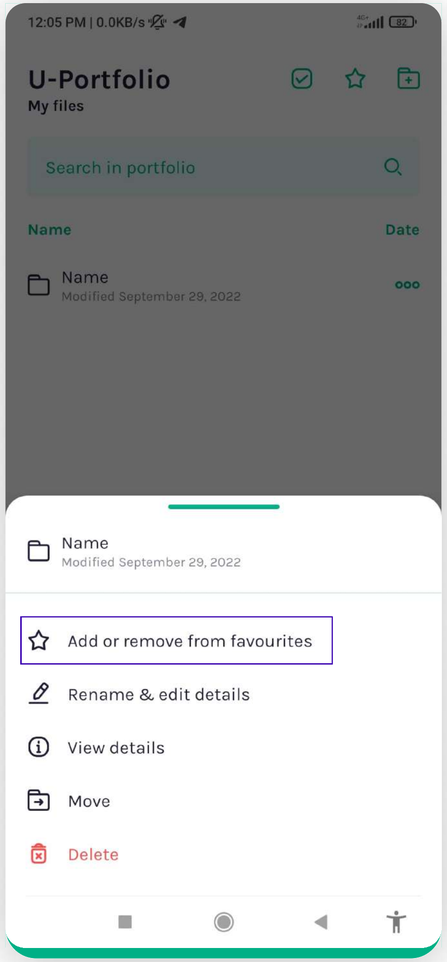


View details

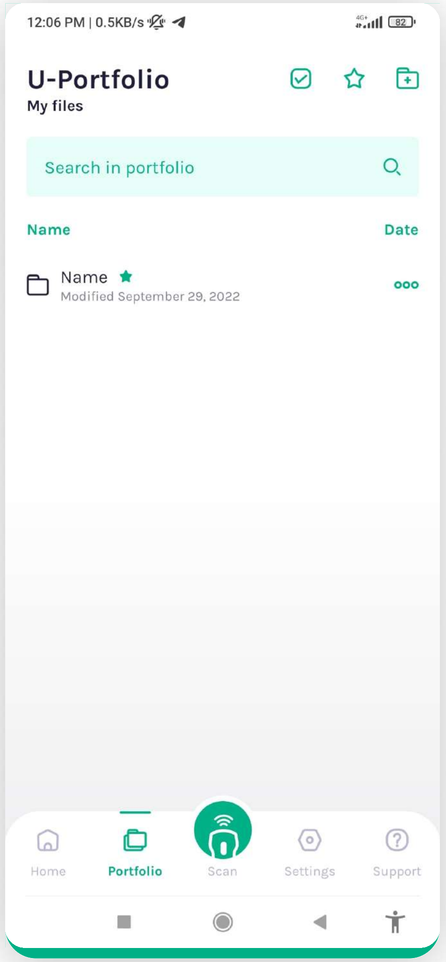


Screen details

5. PORTFOLIO - Favourites

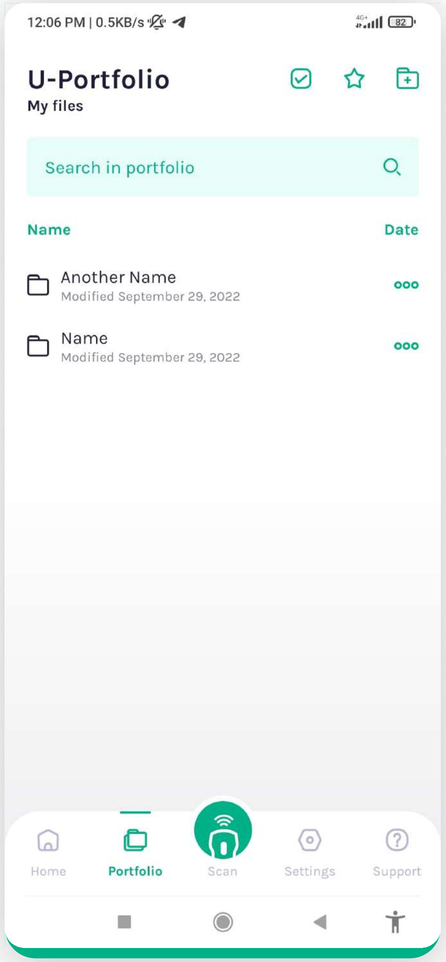


Setting as favourite

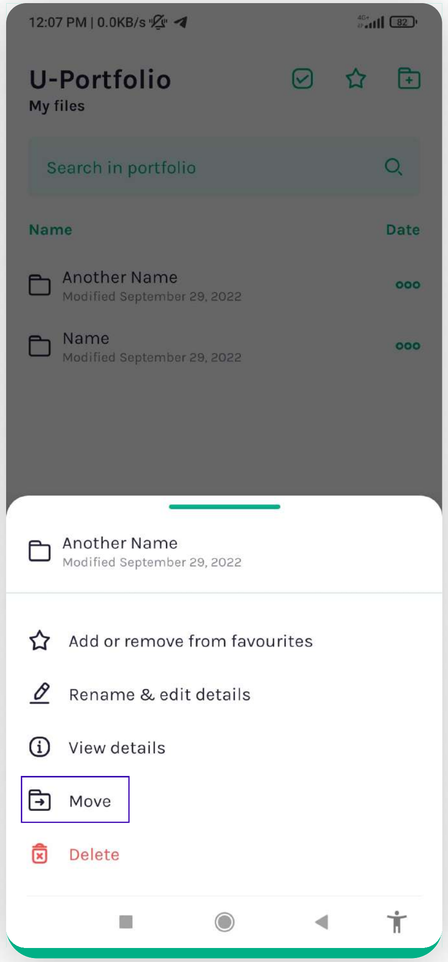


Confirmation

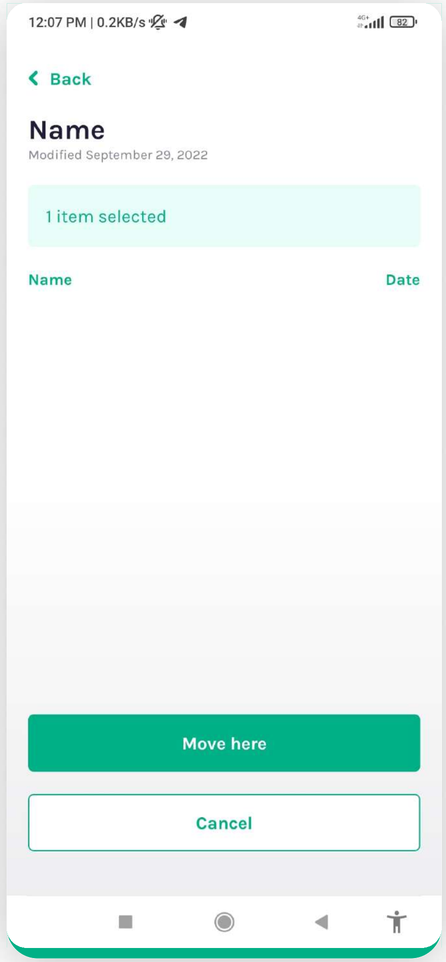
5. PORTFOLIO - Moving a folder



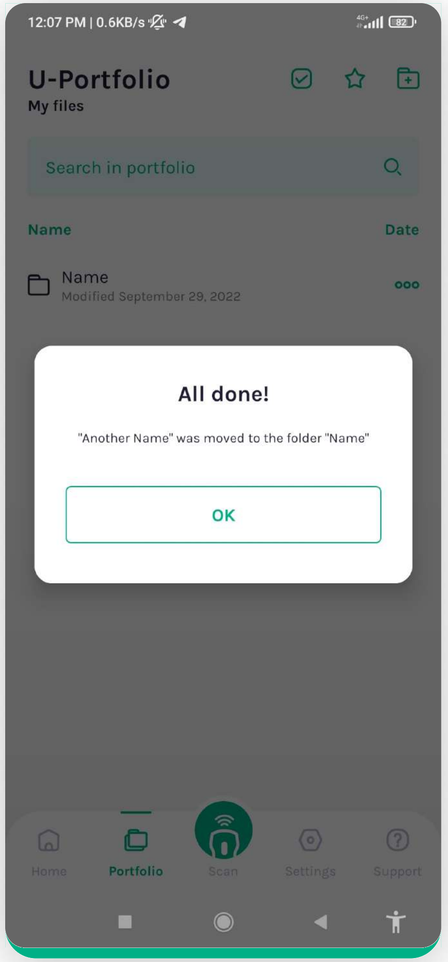
Tapping the dots



Moving the folder

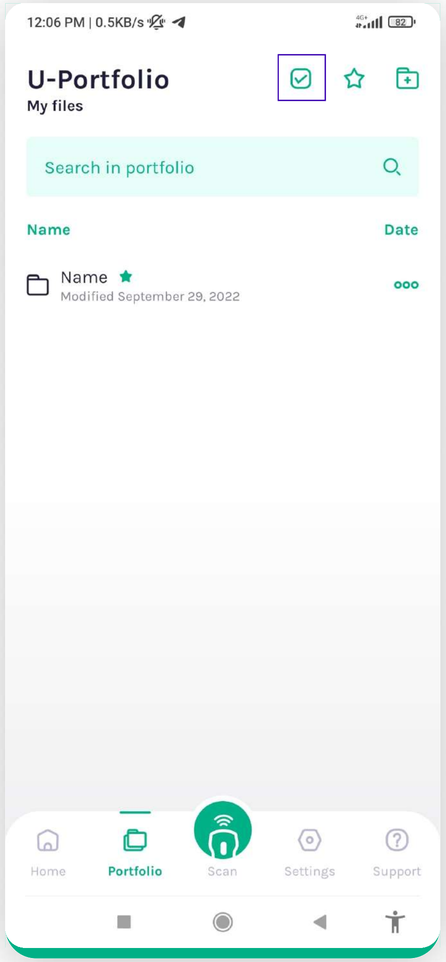


Selecting location of folder

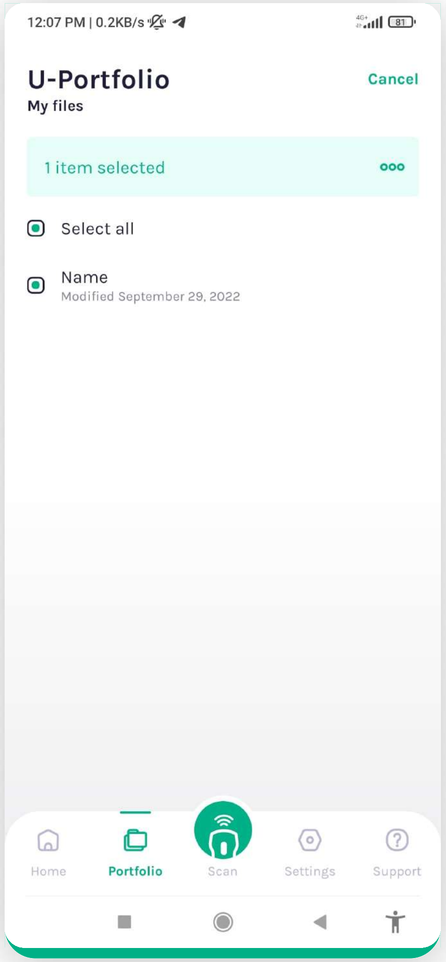


Confirmation

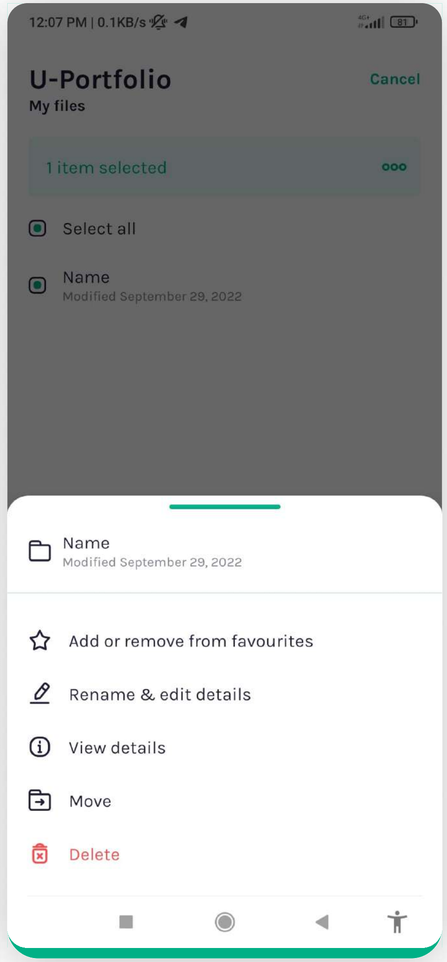
5. PORTFOLIO - Selecting



Multiple selection - tapping the checkmark

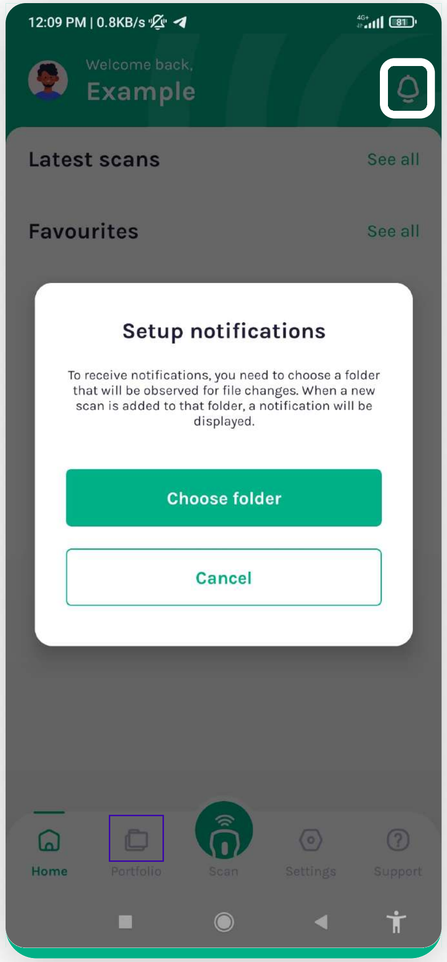


Tapping the dots

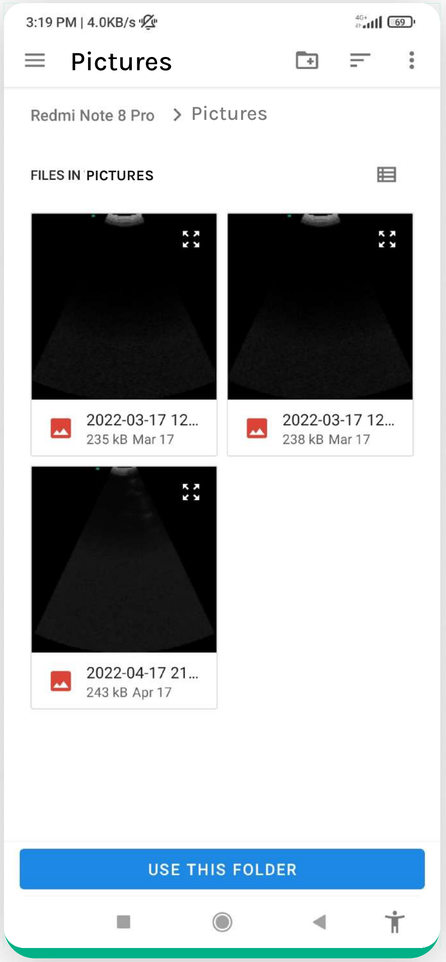


Confirmation

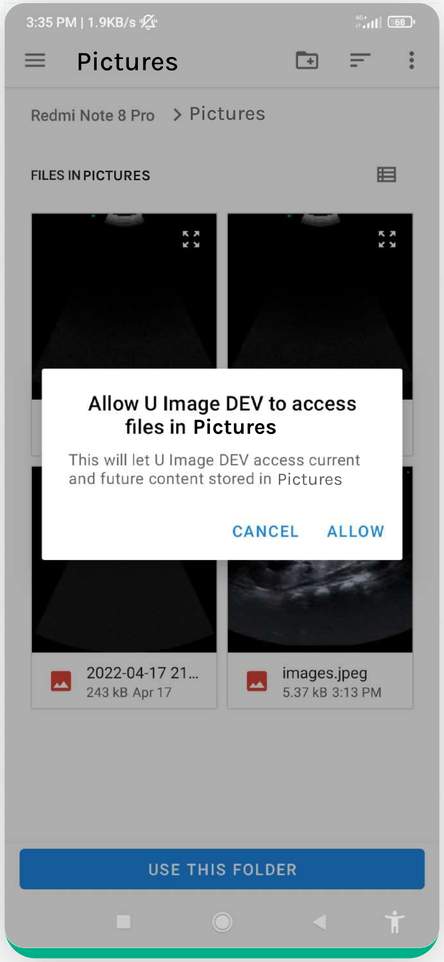
5. PORTFOLIO - Setting up the root scan folder



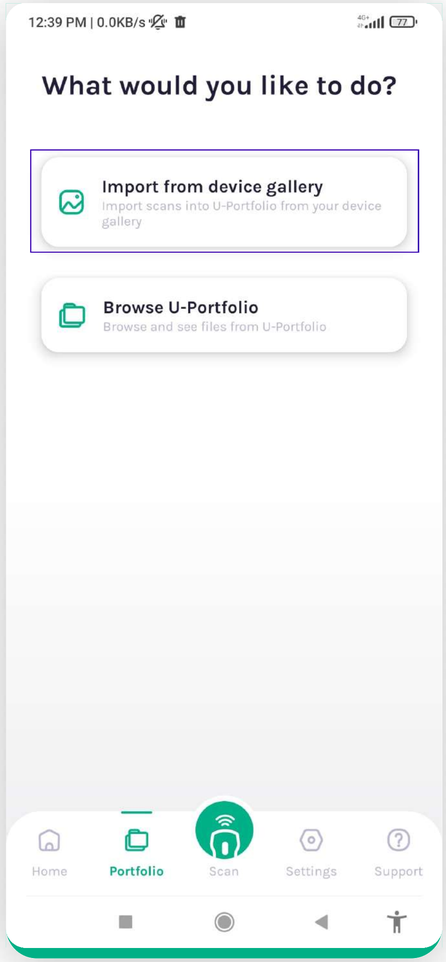
Tapping the bell
from the Home screen



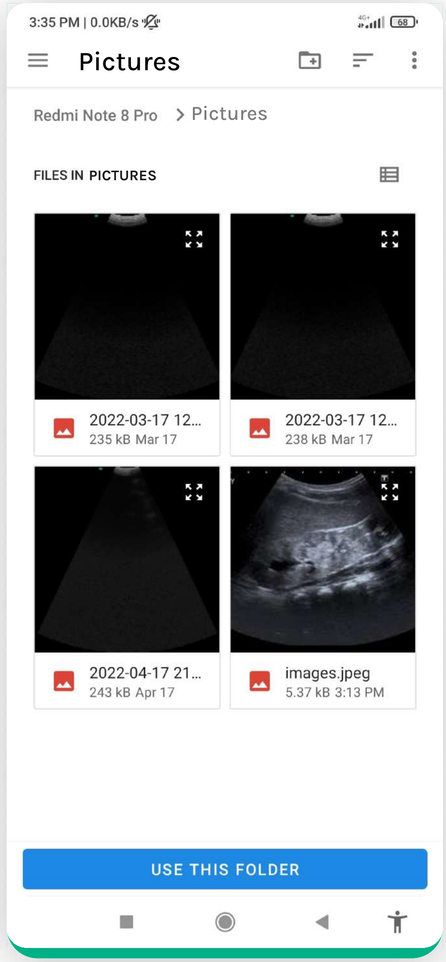
Choosing the
Pictures folder



Allowing

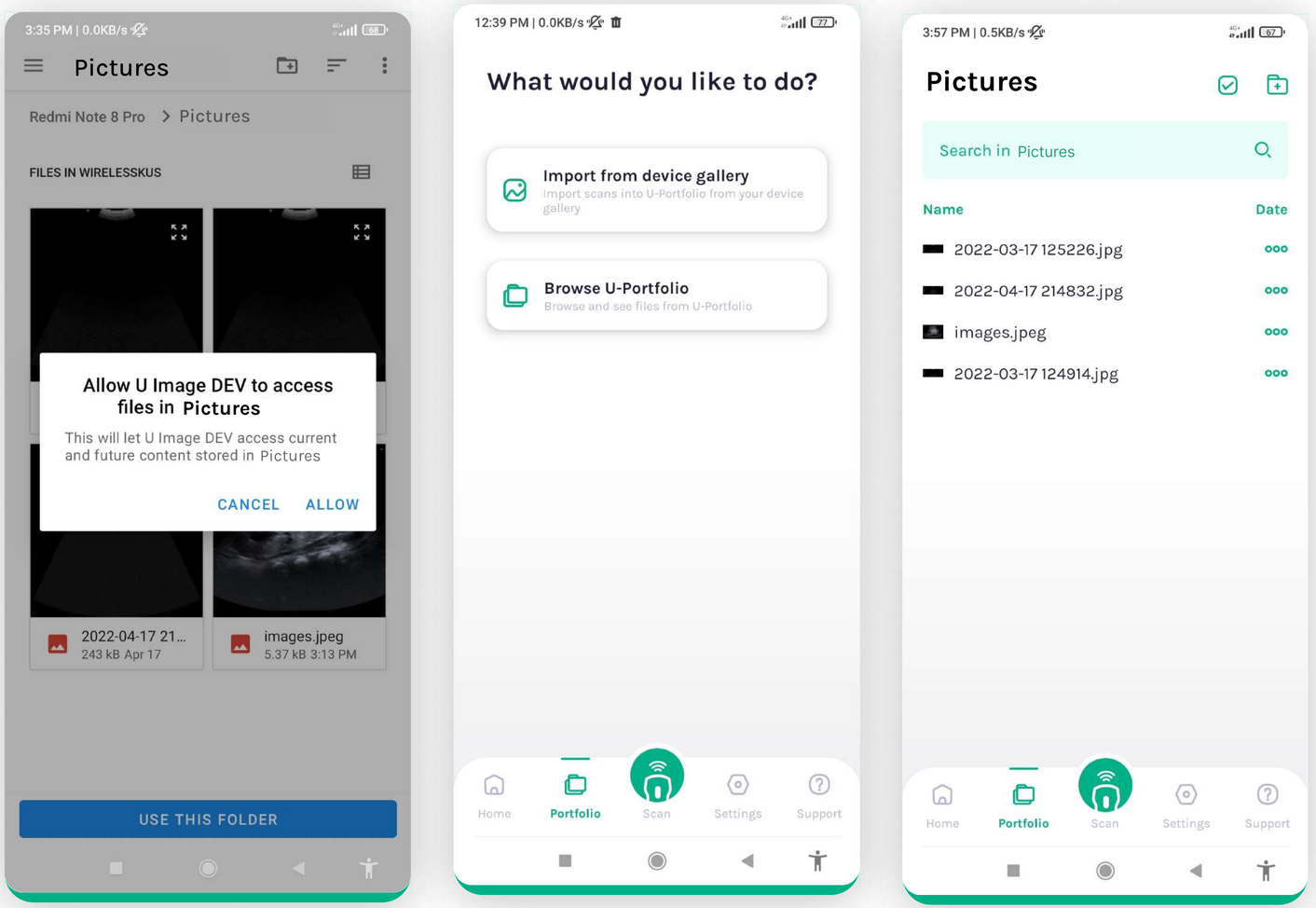


Same is applied here



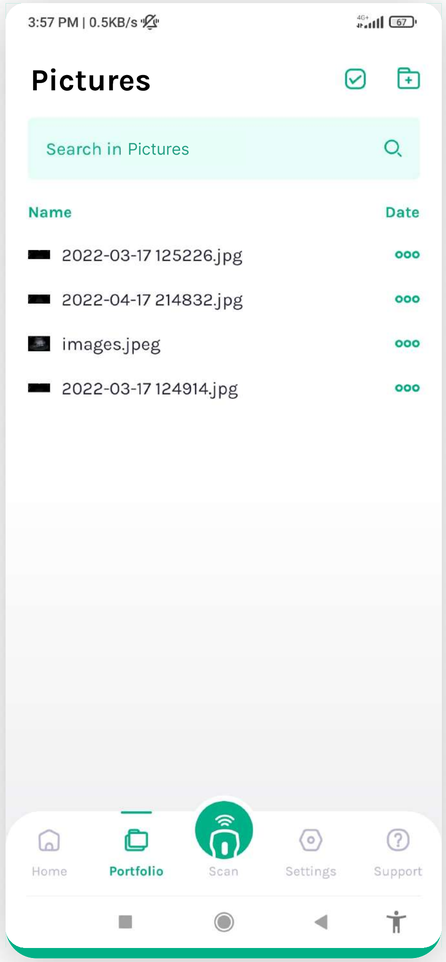
Tap “Use this folder”

5. PORTFOLIO - Setting up the root scan folder

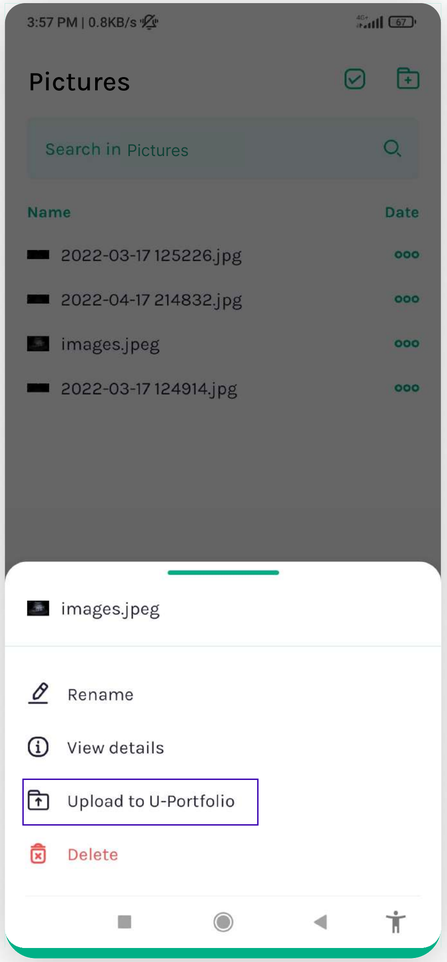


Accessing folder

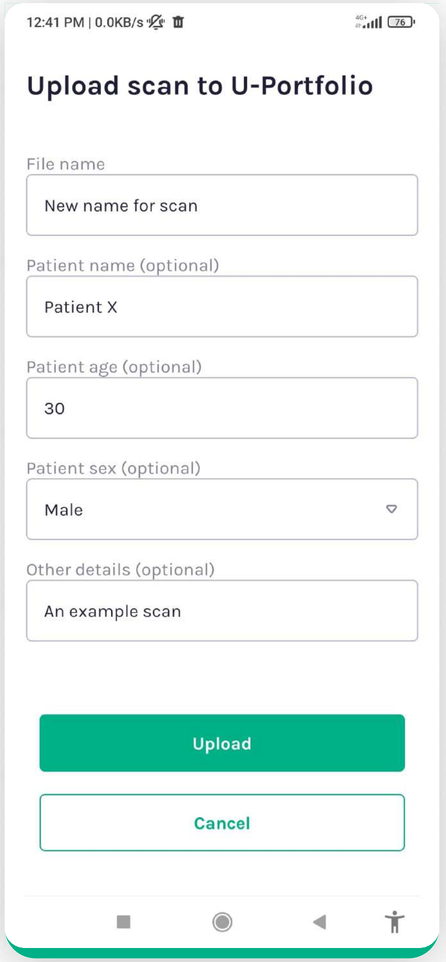
5. PORTFOLIO - Uploading Scan



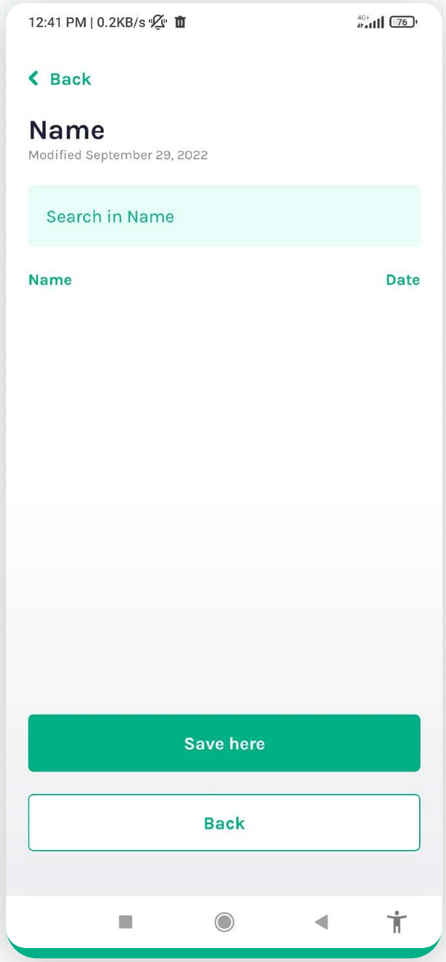
Accessing folder



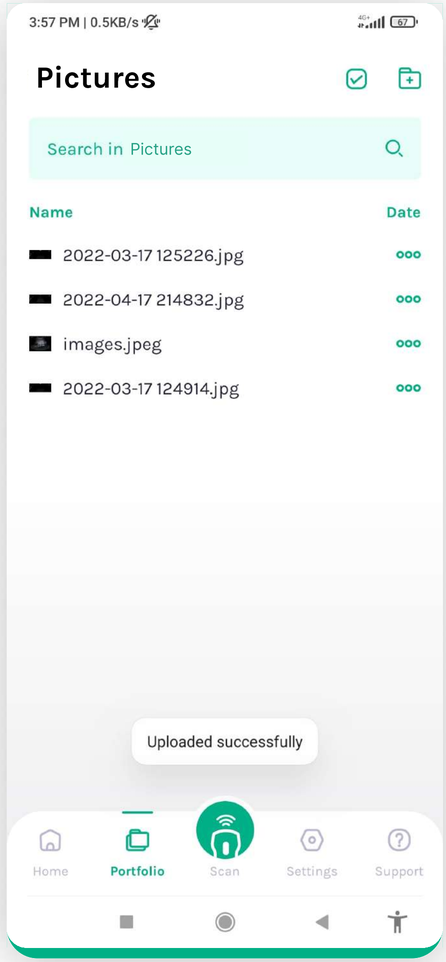
Uploading



Setting details

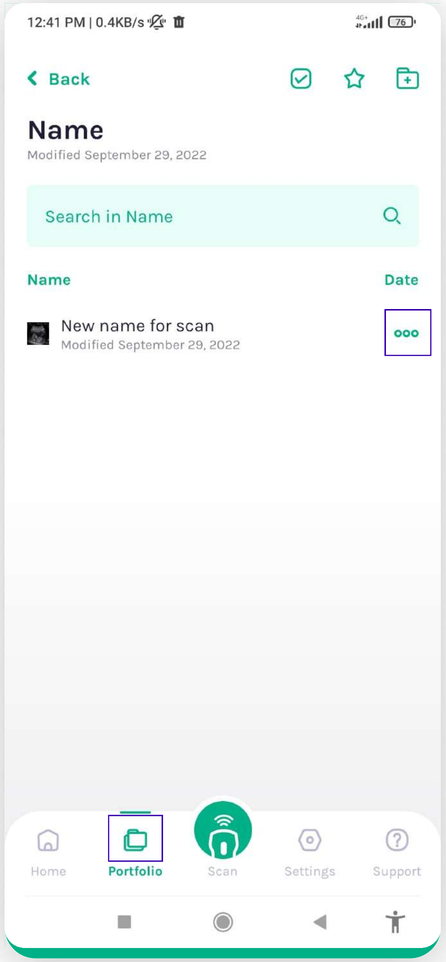


Choosing folder from U-Portfolio.

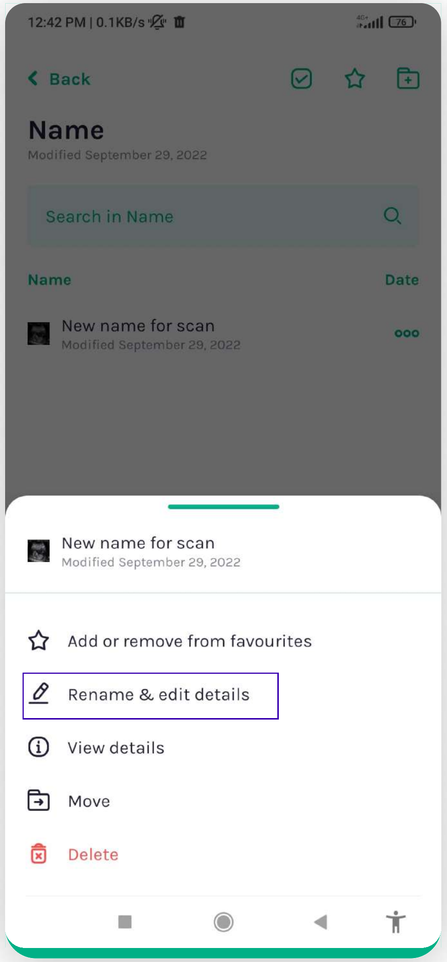


Confirmation

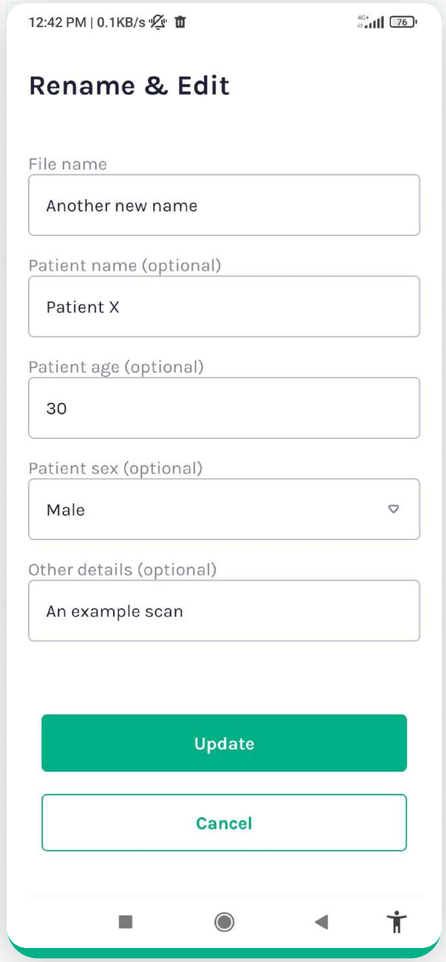
5. PORTFOLIO - Editing, deleting & other



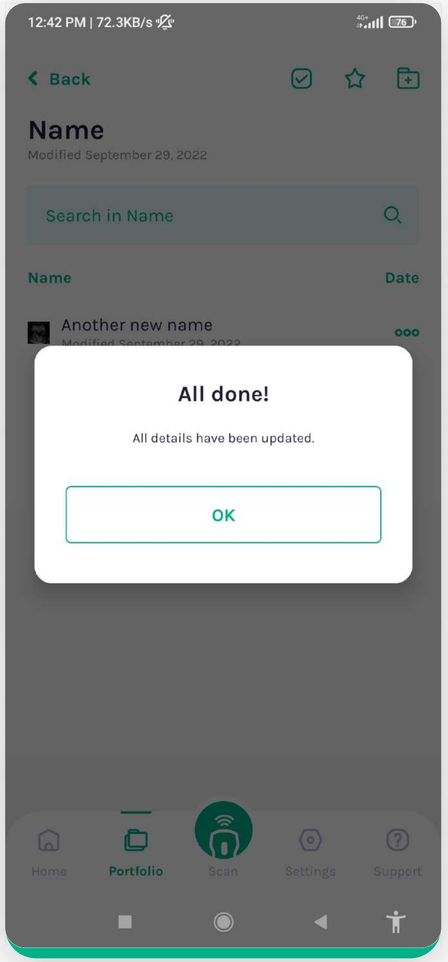
Tapping the three dots



Edit details

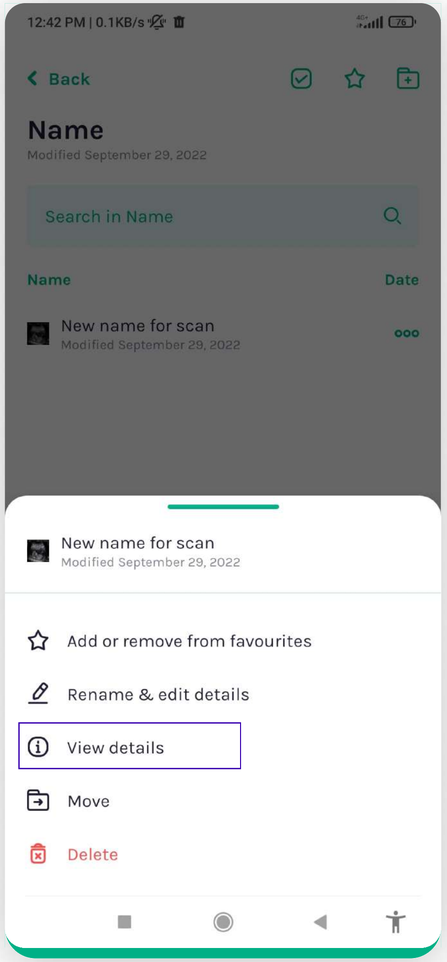


Setting the new details

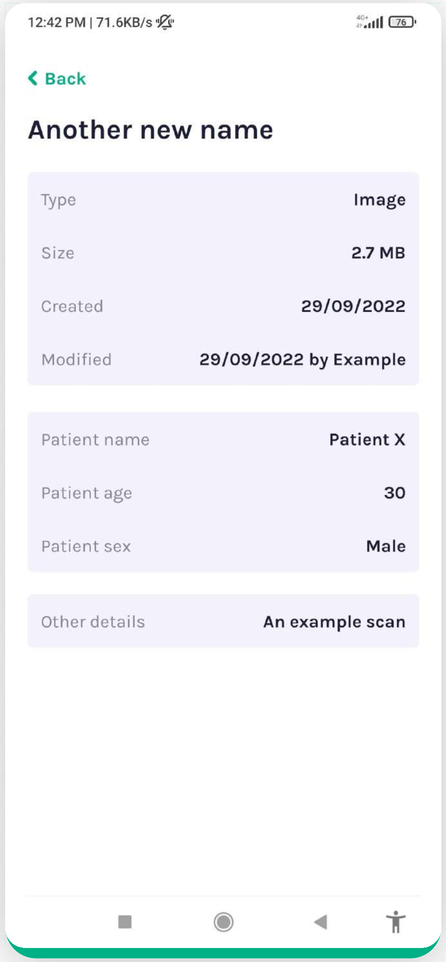


Confirmation

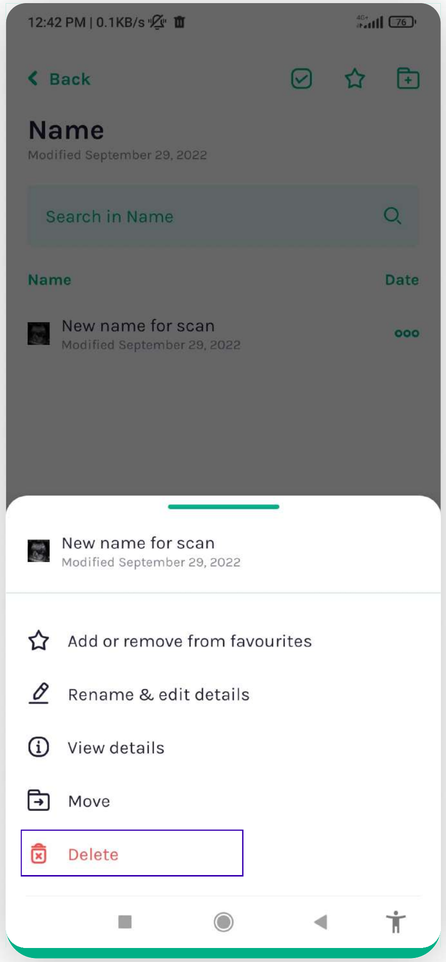
5. PORTFOLIO - Editing, deleting & other



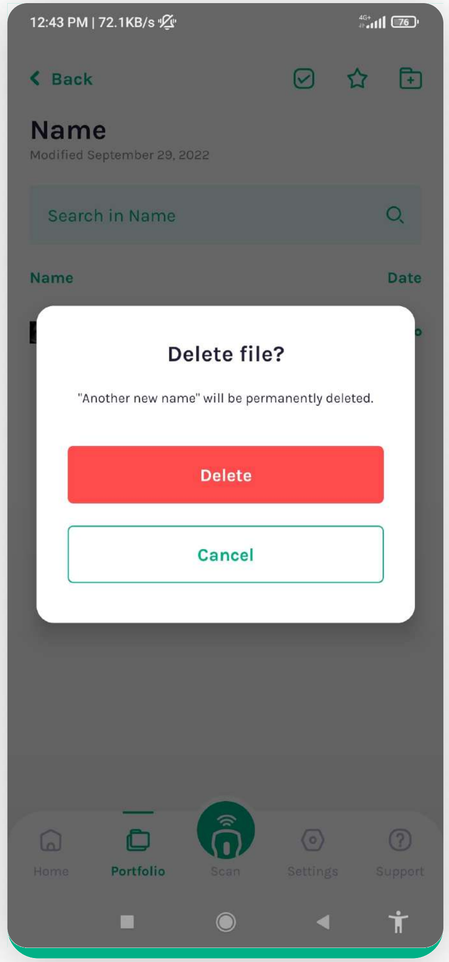
Tapping “View Details”



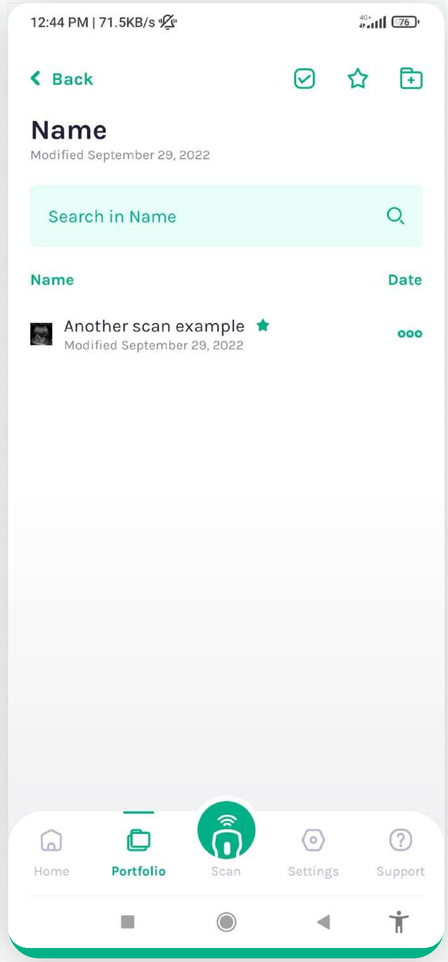
Viewing details



Deleting



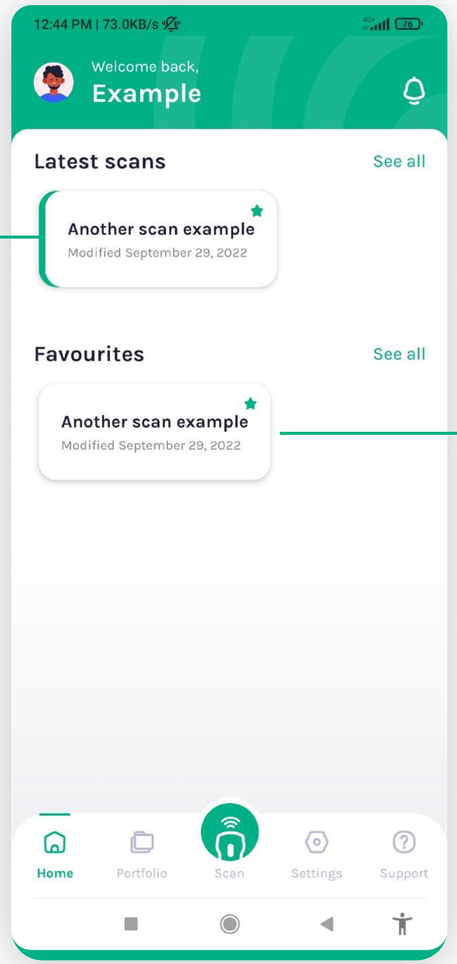
Confirm to delete



Adding to favourites

5. PORTFOLIO - Shortcuts & Favourites

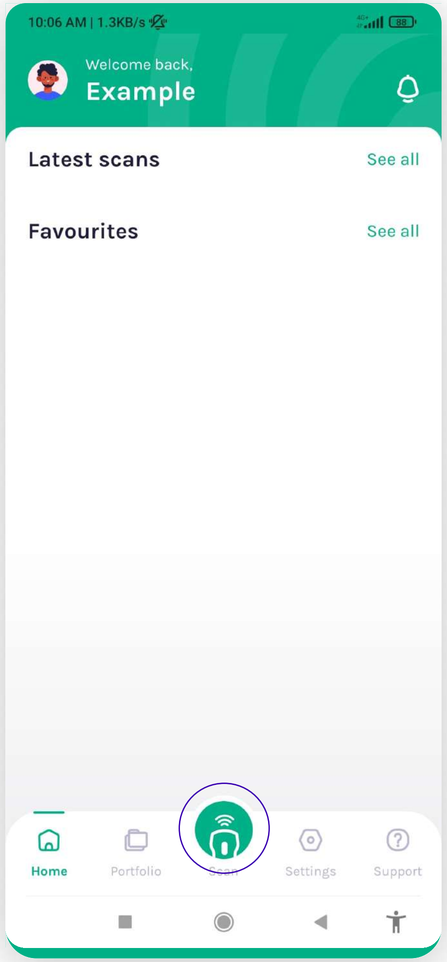
Your latest scan uploaded in U-Portfolio.



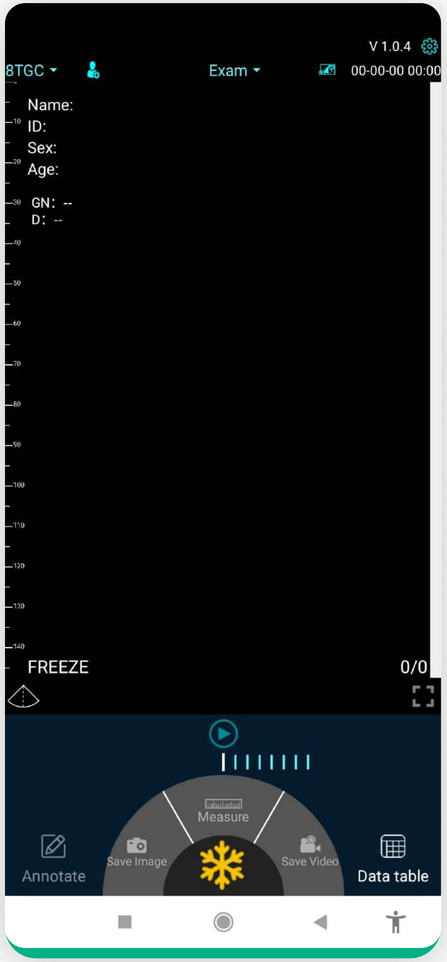
Your favoured scan from U-Portfolio.

Favoured

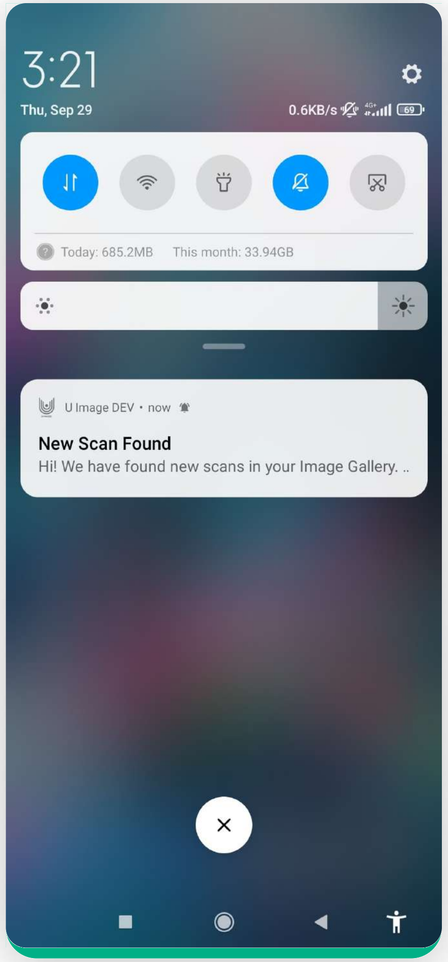
6. SCANNING and Installing App



Tapping “Scan”

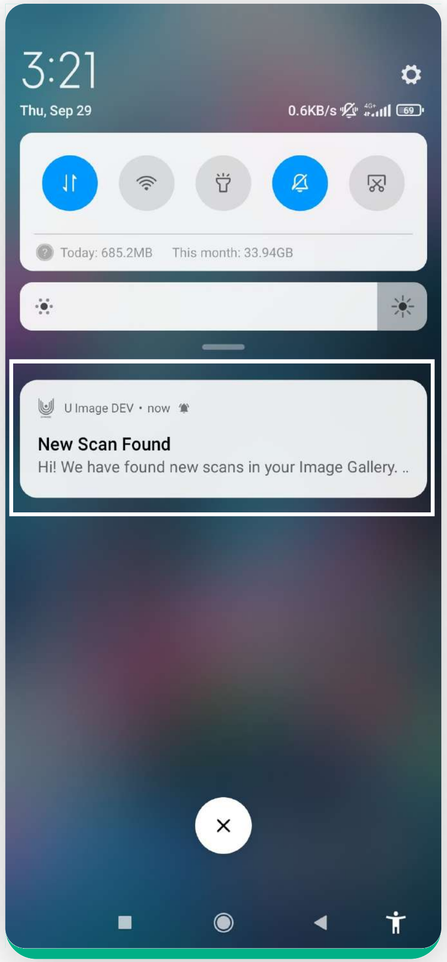


Opening “U-Scan” App & Scanning Simulation

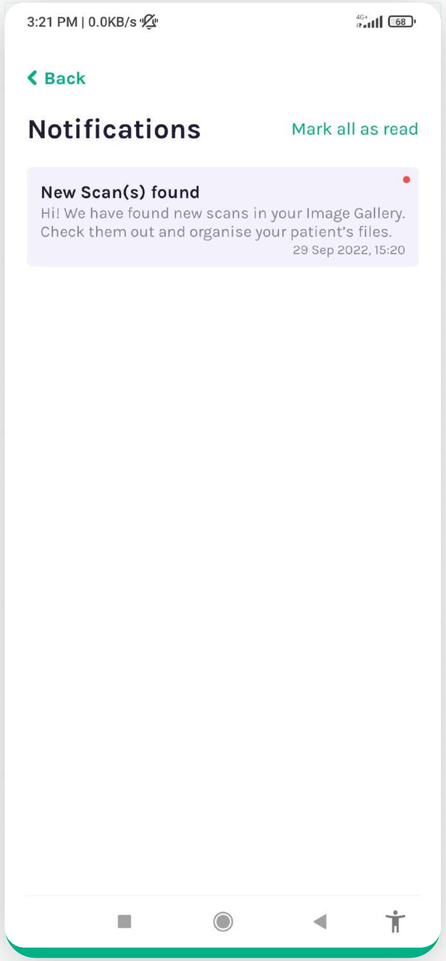


U Image notifies the scan

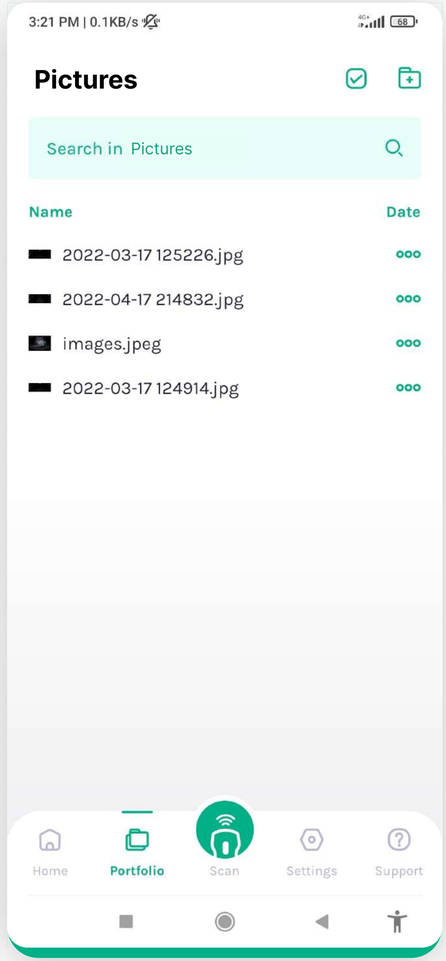
6. SCANNING - Notifications



Tapping on the notification



Entering the U-Image App in the “Notifications” section and tapping the actual notification



Confirmation

UIMAGE “U-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.

CONTENT

1. Probe components.....29

2. Download the U-SCAN App.....29

3.Turning on/off USG probe.....29

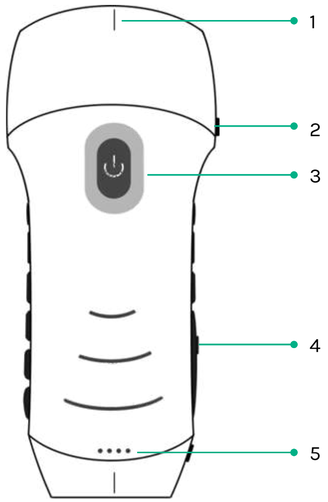
4. Connect the probe.....30

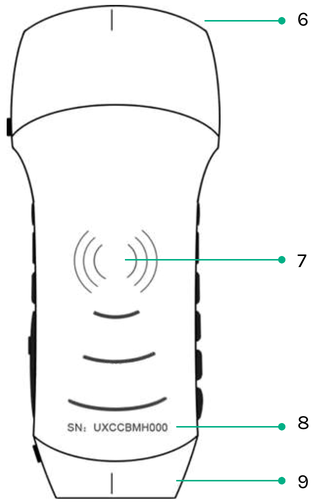
5. Scanning.....31

6. Settings.....35

7. Charging.....36

PROBE COMPONENTS





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

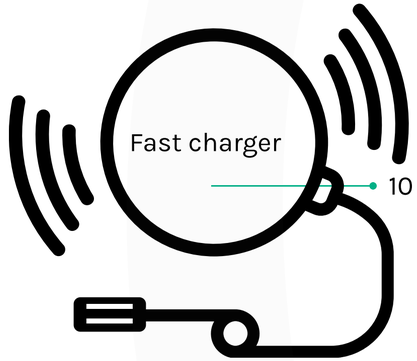
1. DOWNLOAD THE U-Scan APP

1.1 Access https://apps.uimageafrica.com/ on your dedicated U-Image Tablet.
NOTE: U-Image utilizes a dedicated SAMSUNG A7 LTE tablet as the preferred device.

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

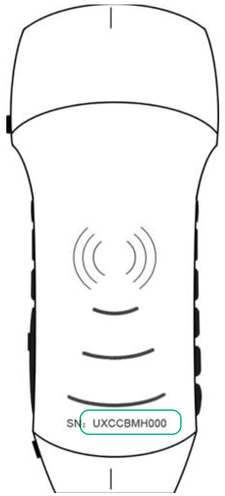
NOTE: Hold down the power button and hold for 3 seconds to interchange probes in real time.



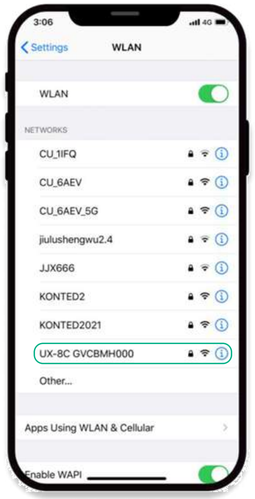
3. CONNECT THE PROBE

METHOD 1: WI-FI CONNECTION

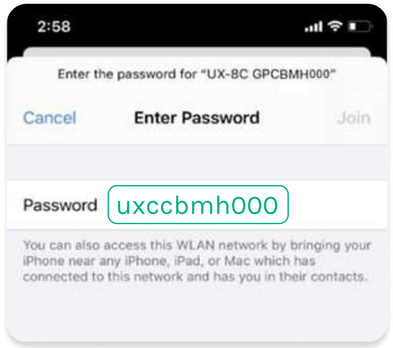
Find **SN** of your USG probe
Such as SN: ***UXCCBMH000***.



Select your device.



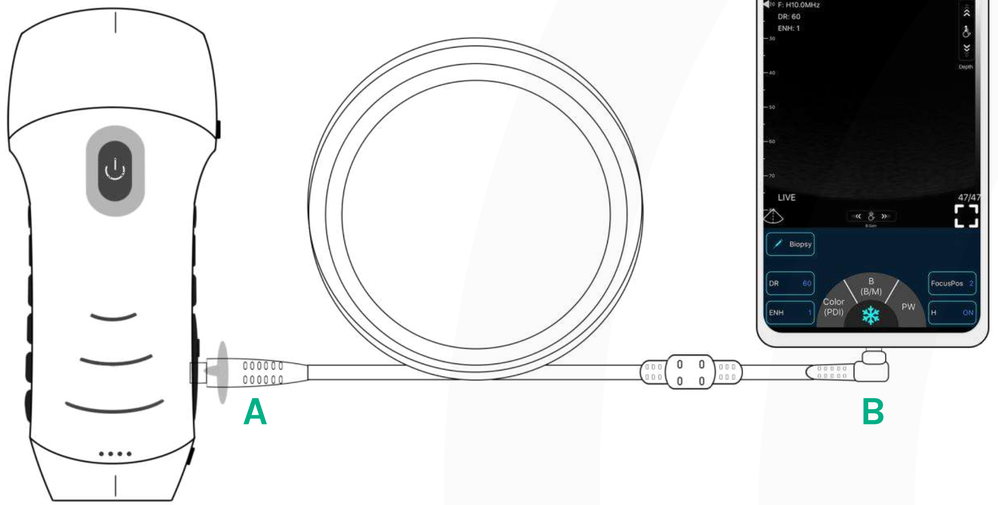
Enter password: **uxccbmh000**.



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

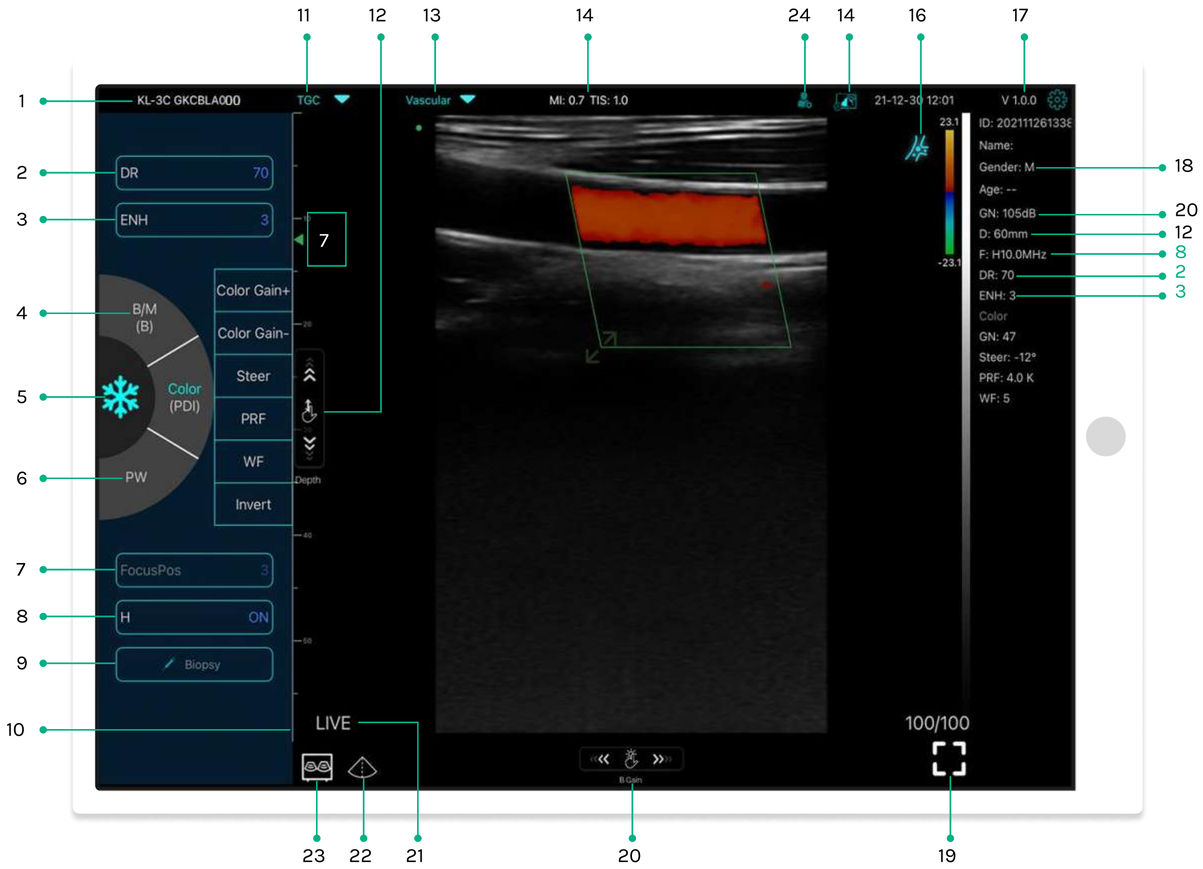
METHOD 2: USB CONNECTION

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.

4. SCAN NOW
(LIVE)



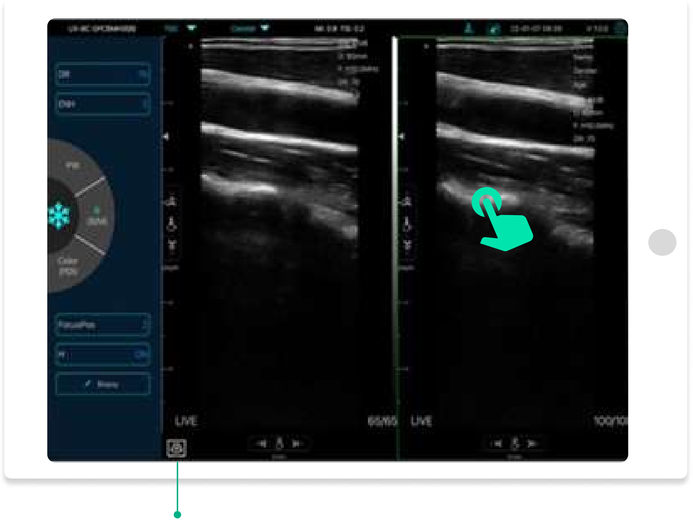
NO.	Item description
1.	Serial number of probe
2.	Dynamic Range (DR)
3.	**Imaging Enhance (ENH)**
4.	Mode: B B/M, Color PDI Dual click to switch scanning mode
5.	Freeze/Live button
6.	Mode:PW
7.	Focus Position
8.	H: **Scanning frequency (F)**
9.	Biopsy Needle Guide line To invert the image horizontally 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**

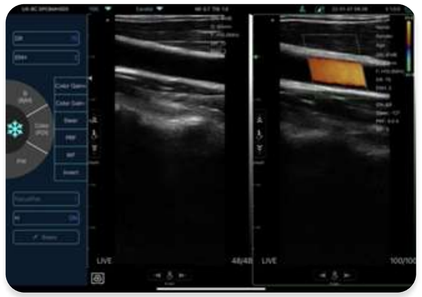
23. DUAL SCREEN DISPLAY MODEL

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.



23

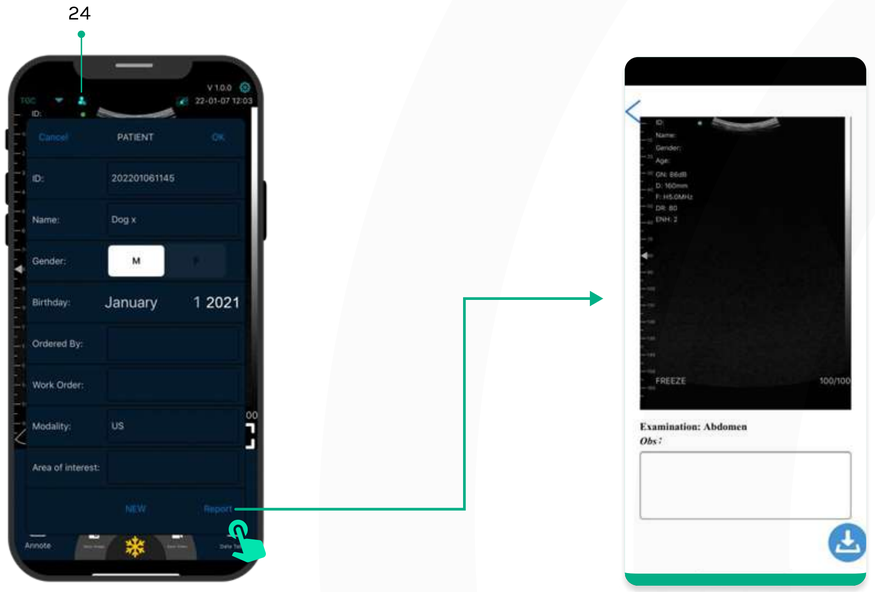


B+Color mode

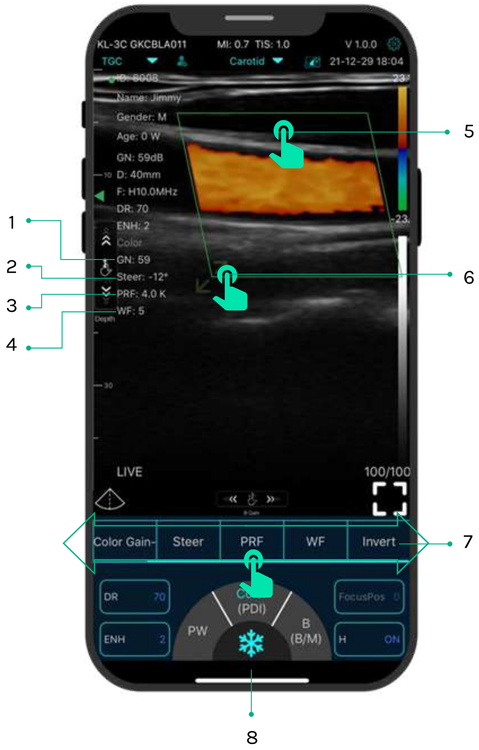
Color+PW mode

24. NEW PATIENT & NEW REPORT

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



COLOR/PDI MODE



1. GN - Color Gain ±

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

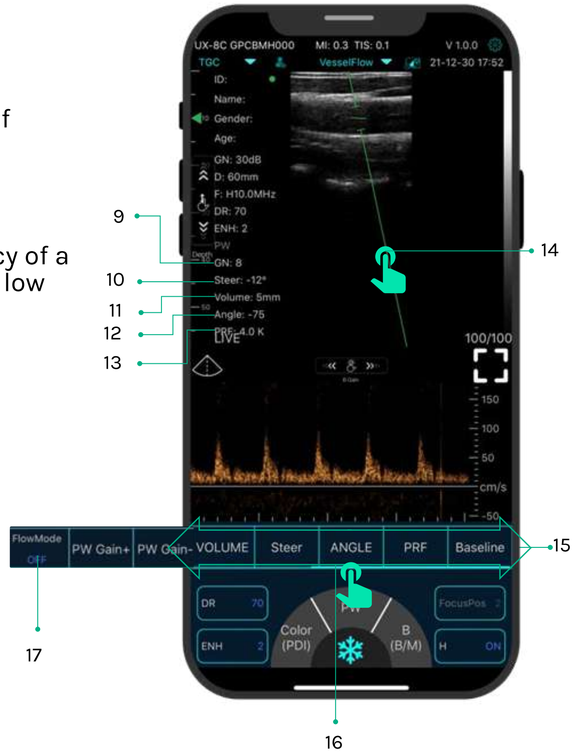
5. - Tap and drag the green box to move the Color ROI

6. - Use the arrows provided to adjust the angle and size

7. Invert - Color Red ⟺ 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 ±

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).**

FREEZE

1. Add annotations on any frozen image
2. Save image: Upload to U-Portfolio
3. Various Measurements
4. Save video, upload the video to U-Portfolio
5. Data table
6. Auto cine review
7. Manual cine review

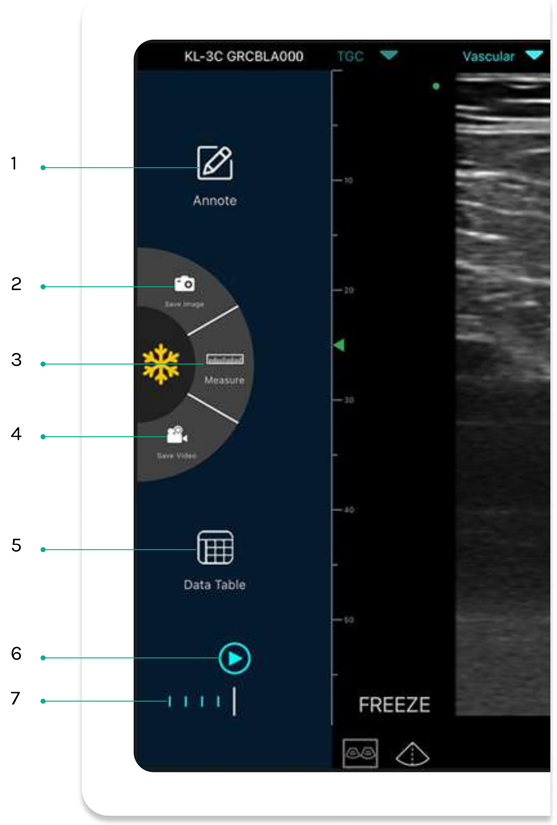
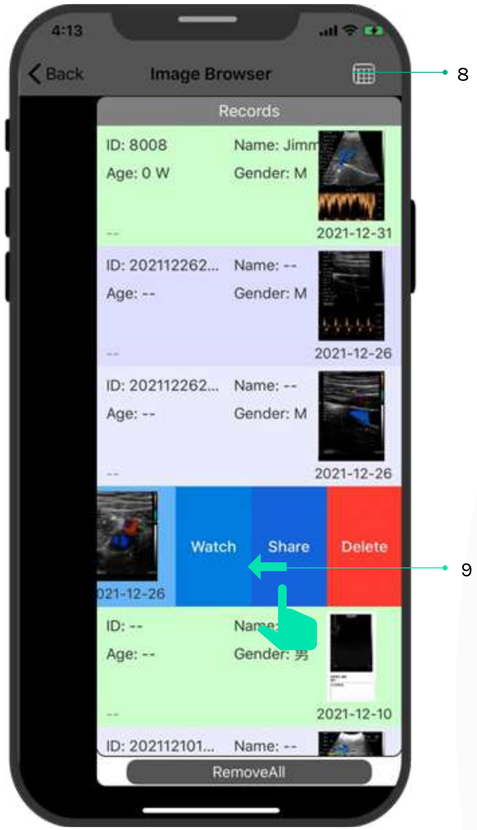


IMAGE BROWSER

REVIEW IMAGE/VIDEO/REPORT



Watch

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

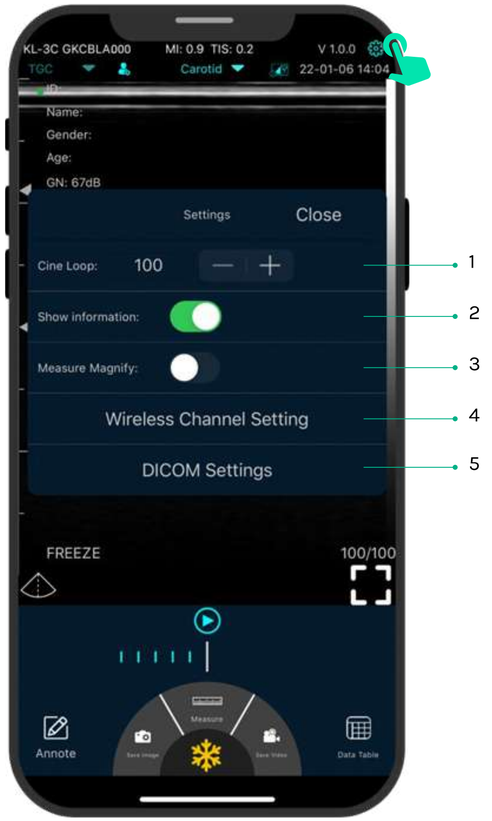
Share

Sharing scanned files by other app
Printing image/report

Delete

Delete local files
The data table can store 500 files

5. SETTINGS



1. Cine loop

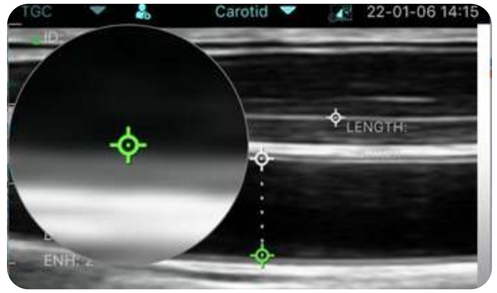
Adjust cine loop frame number 100-200-500-1000 (100=10s)

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.

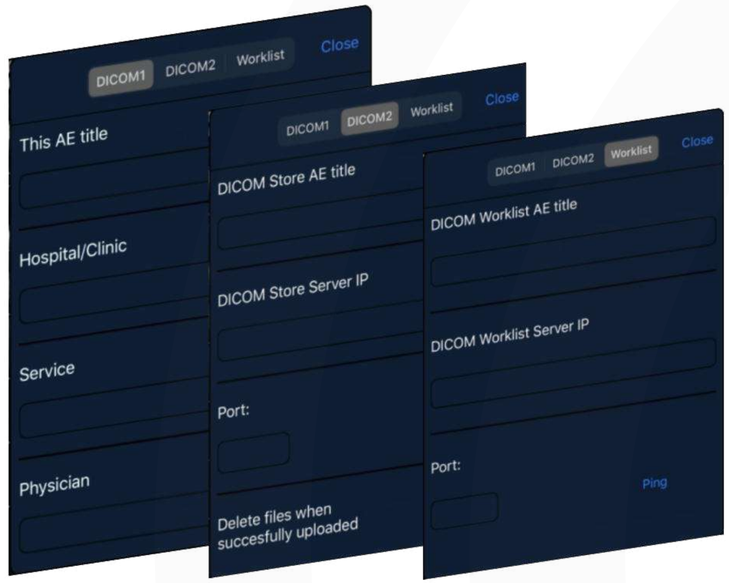


4. Wi-Fi channel setting

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.



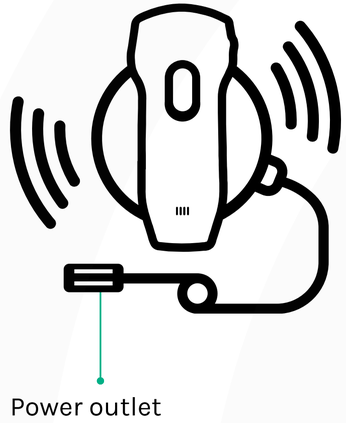
6. CHARGING

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.



© Copyright Ownership and Usage Limitation

· All copyrights and intellectual property rights of the contents created are owned by U-IMAGE as permitted by its manufacturer.
· No individual or organization may copy, modify or translate any part of this manual without the written consent of U-IMAGE.

IMAGE