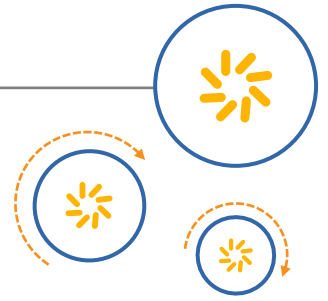




Qualcomm Technologies, Inc.



# **Device Characterization Platform v1.0.0**

## **User Guide (Mobile App)**

DCP-User-Guide-Mobile-App-v1.0.0

October 4, 2019

## Revision history

Revision	Date	Description
A	October 2019	Initial release

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# 1. Introduction

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Device Characterization Platform (DCP) is a platform for authorized users to characterize devices based on their IMEI by querying GSMA IMEI database. It fetches information associated with an IMEI from GSMA IMEI database and displays to user. It gives option to user to report counterfeit device if its TAC part of IMEI is not approved by GSMA or characteristics retrieved from GSMA IMEI database does not match with physical device.

## 1.1. Purpose

This document is projected to give assistance to the user of DCP mobile app.

## 1.2. Supported OS Versions

**Table 1-Supported OS Versions**

OS	Version
Android	4.1

## 1.3. Definitions, Acronyms, and Abbreviations

**Table 2-Definitions, Acronyms, and Abbreviations**

Term	Definition
DCP	Device Characterization Platform
MSISDN	Mobile Subscriber Integrated Services Directory Number
IMEI	International Mobile Equipment Identity

## 2. App Description

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**Table 3-System Description**

Feature /Sections	Purpose
Login Screen	<ul style="list-style-type: none"><li>• To access the app, authorized user(s) first needs to enter his/her credentials on login page</li></ul>
Type IMEI	<ul style="list-style-type: none"><li>• Takes the IMEI as input. Enter IMEI of device to be verified</li></ul>
Scan IMEI	<ul style="list-style-type: none"><li>• Allows user to scan IMEI of the device</li></ul>
View History	<ul style="list-style-type: none"><li>• Displays a complete history of activity(ies) performed by the user within the system i.e. searched IMEI, Date &amp; Time, User Name, Results, Medium, IP address</li></ul>
Change Language	<ul style="list-style-type: none"><li>• Allows user to change app language i.e. Vietnamese, English. English is default language</li></ul>
Logout	<ul style="list-style-type: none"><li>• Allows user to logout from app</li></ul>

## 3. App Navigation

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### 3.1. Log-in Screen

To access the app, authorized user first needs to register his/her account via [web portal](#).

1. Enter user credentials i.e. email and password
2. Tap on “Login” button.

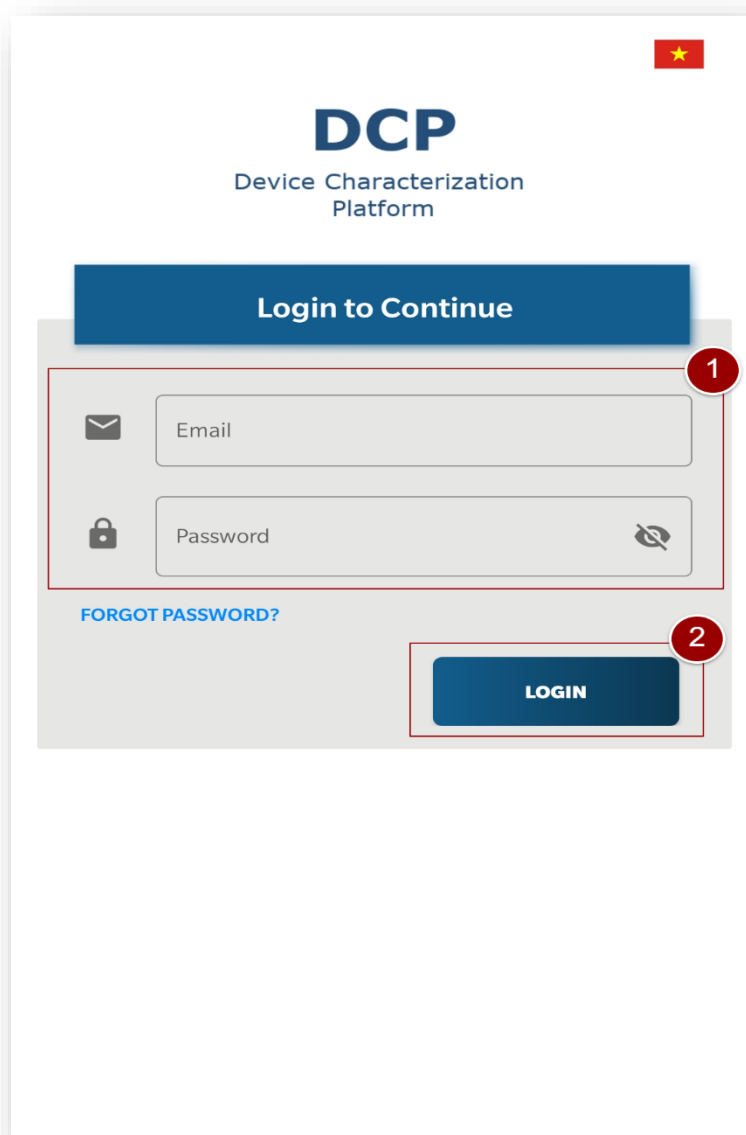


Figure 1- Login Screen

## 3.2. Search IMEI

Read the instructions.

1. Enter IMEI to verify the status of IMEI.  
**Note:** *IMEI should be 14-16 digits long.*
2. Tap on “Check” button.

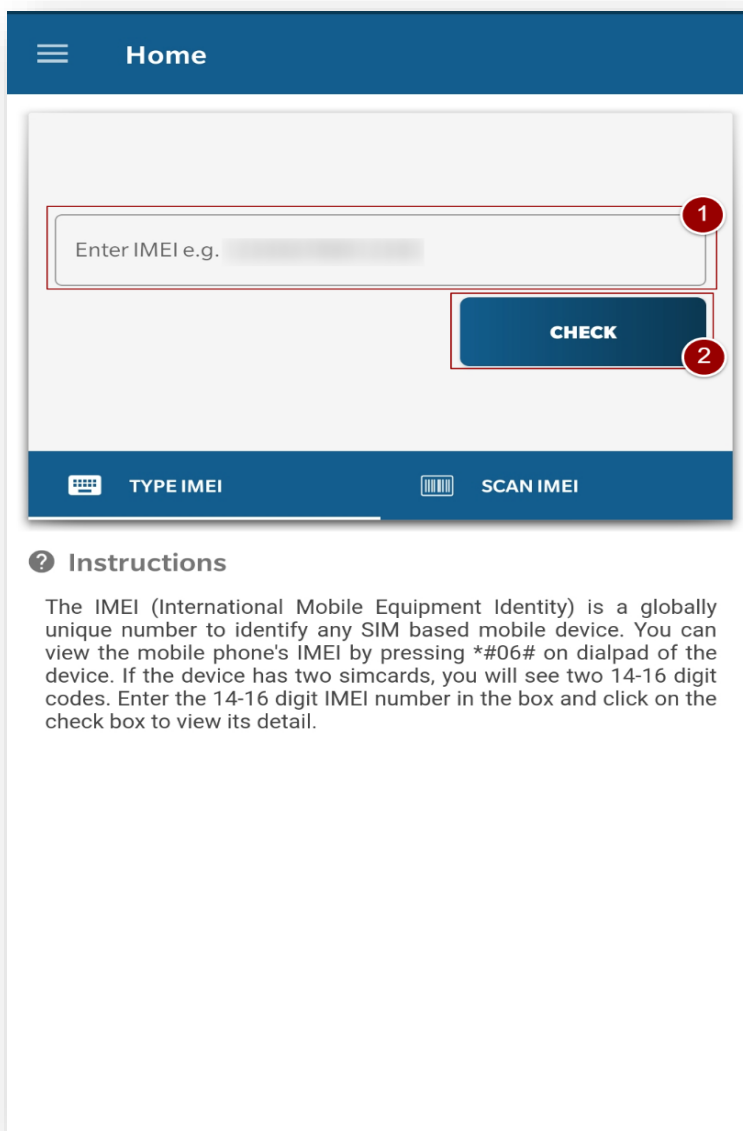


Figure 2- Search IMEI



### 3.3. Verify IMEI

After tapping on “check button” a popup will appear to verify the IMEI.

1. Verify IMEI and tap on “OK” button.

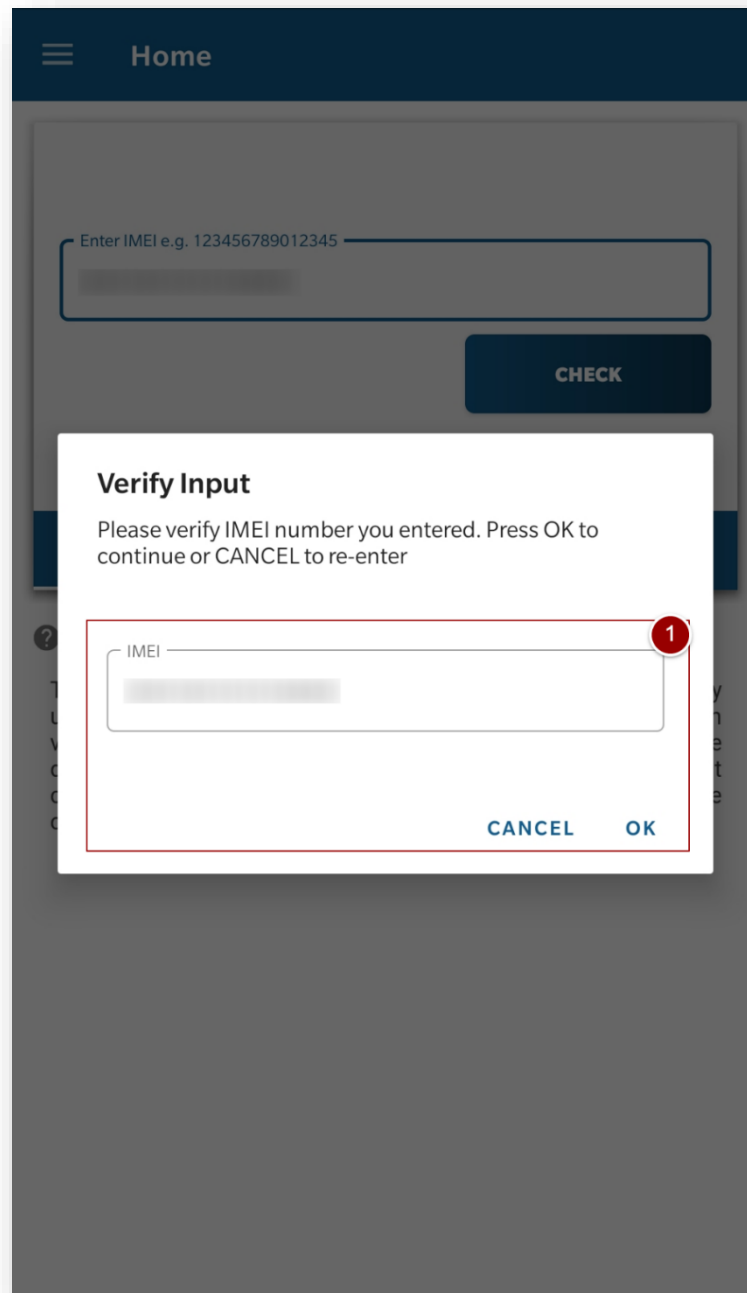


Figure 3- Verify IMEI

### 3.4. Device Details

After confirming IMEI, device details (Device ID, Manufacturer, Equipment Type, Brand Name etc.) will be displayed on the screen.

1. Tap on “YES” button, if the displayed details are same as mentioned on device/device box, otherwise tap on “NO, Report” button to report device.

The screenshot shows a mobile application interface titled "DCP". It features a list of input fields for device information, each preceded by a small icon: Device ID (barcode), Manufacturer (factory), Equipment Type (tag), Brand Name (phone), Model Name (phone), Marketing Name (phone), Internal Model Name (phone), and TAC Approved Date (calendar). Below these fields is a modal dialog box with the text "Does the record field match with the device?". The dialog has two buttons: a blue "YES" button and a red "NO, REPORT" button. A red circle with the number "1" is positioned in the top right corner of the dialog box.

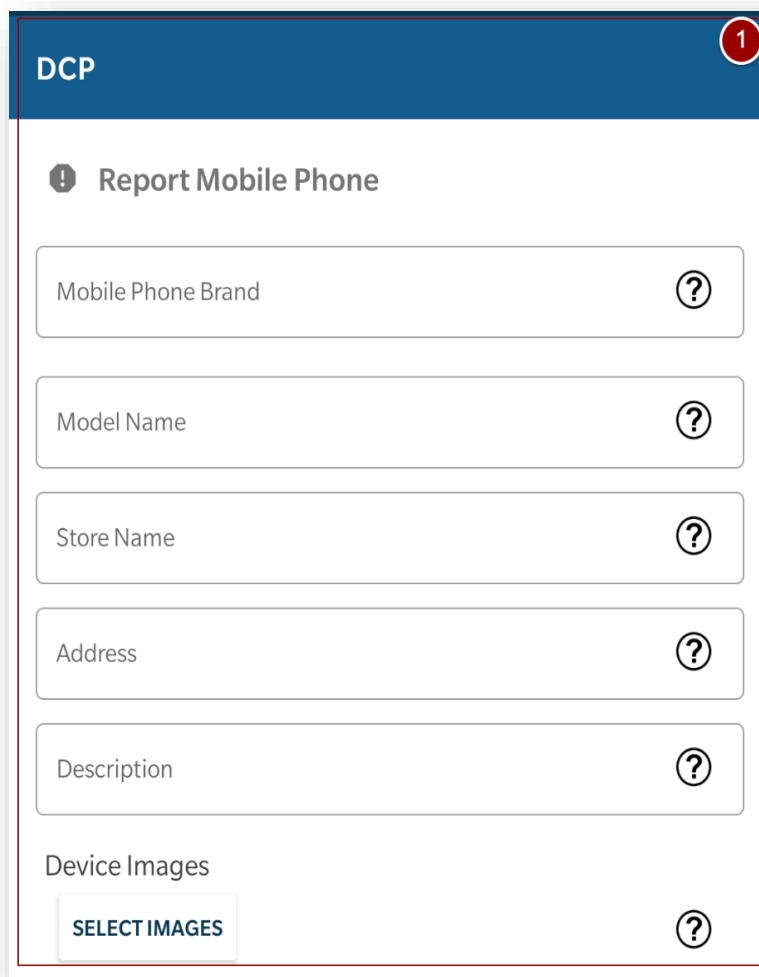
Figure 4- Device Details

### 3.5. Report Device

User needs to report the device if the displayed details do not match with the device.

After tapping on “NO, Report” button, a form will appear to get actual device details.

1. Enter device details (Mobile Phone Brand, Model Name, Store Name, Address, Description and Images of the device).



DCP

**Report Mobile Phone**

Mobile Phone Brand ?

Model Name ?

Store Name ?

Address ?

Description ?

Device Images

**SELECT IMAGES** ?

Figure 5- Report Details

**Note:** Upto 5 images can be added.

2. Tap on “Submit” button.

**DCP**

**Report Mobile Phone**

Mobile Phone Brand ?

Model Name ?

Store Name ?

Address ?

Description ?

Device Images

SELECT IMAGES ?

**SUBMIT** 2

Figure 6- Submit

### 3.6. Scan IMEI

1. To scan IMEI, tap on “Scan IMEI” and place the scan box on IMEI. After placing the IMEI in scan box tap within the box to fetch IMEI.

**Note:** IMEI should be 14-16 digits long.

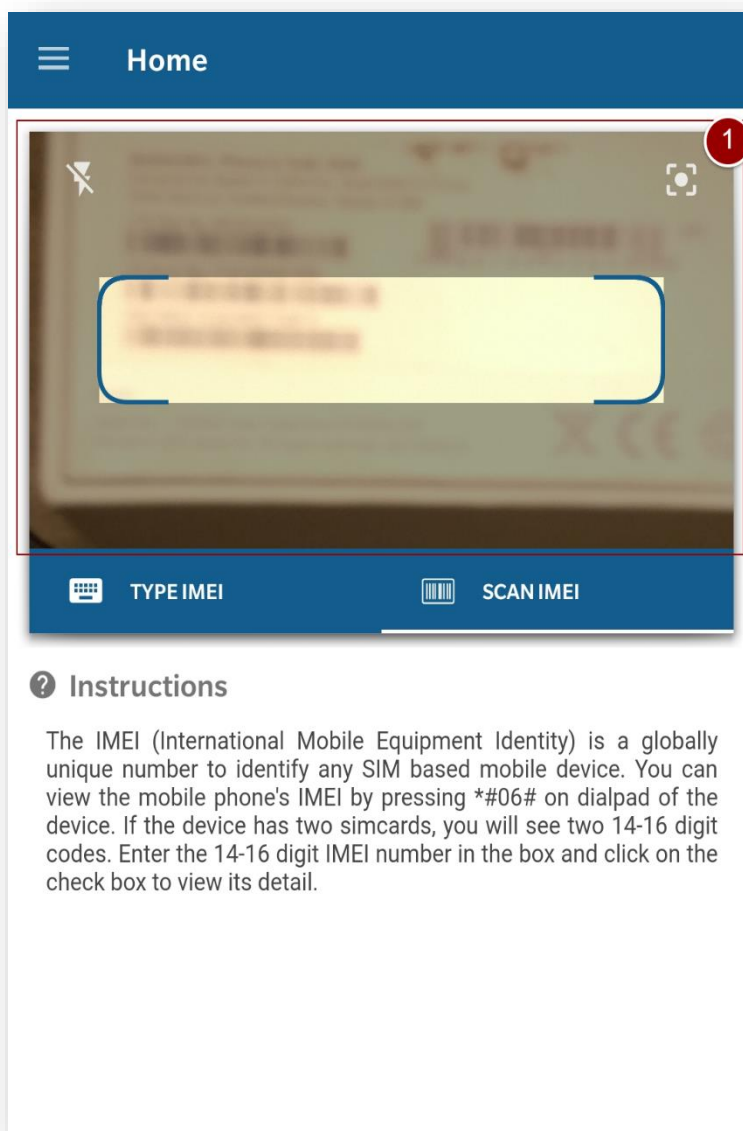


Figure 7- Scan IMEI

2. A popup will appear to verify IMEI. Verify IMEI and tap on “OK” button.

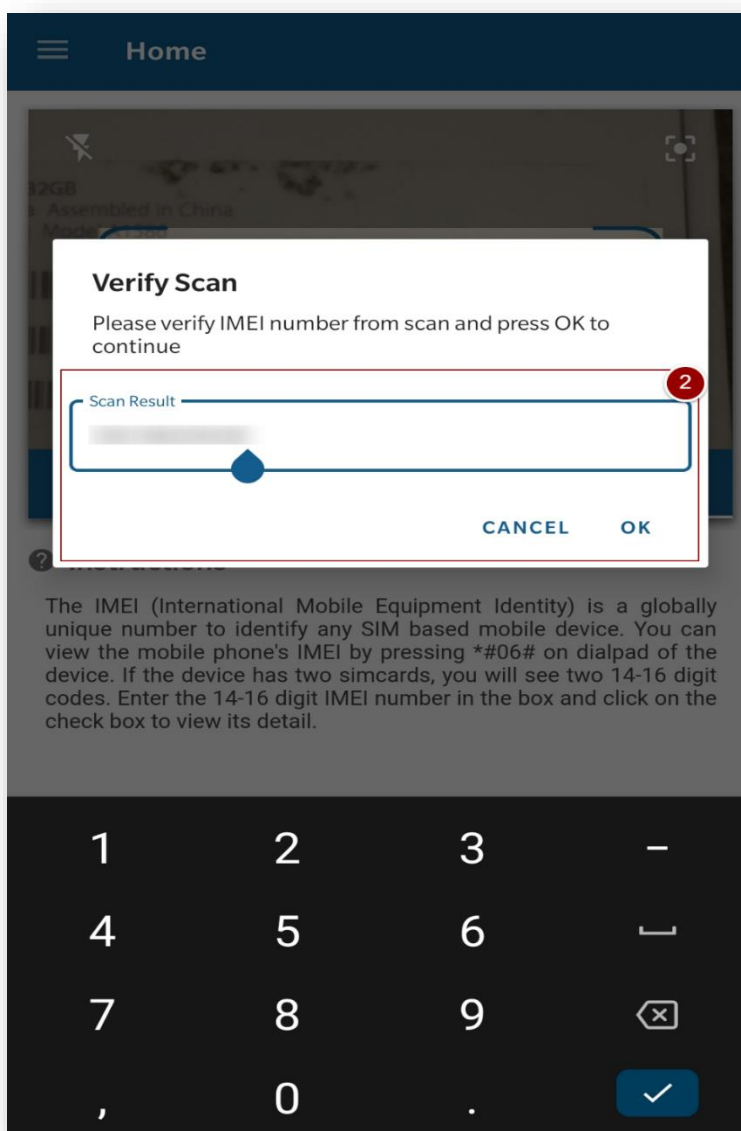


Figure 8- Verify Scanned IMEI

### 3.7. Device Details of Scanned IMEI

After confirming IMEI, device details (Device ID, Manufacturer, Equipment Type, Brand Name etc.) will be displayed on the screen.

1. Tap on “YES” button, if the displayed details are same as mentioned on device/device box, otherwise tap on “NO, Report” button to report device.

The screenshot shows a mobile application interface titled 'DCP' with a back arrow. It lists several device details, each with a corresponding icon and a blurred text field:

- Device ID (Barcode icon)
- Manufacturer (Grid icon)
- Equipment Type (Document icon)
- Brand Name (Phone icon)
- Model Name (Phone icon)
- Marketing Name (Phone icon)
- Internal Model Name (Phone icon)
- TAC Approved Date (Calendar icon)

At the bottom, a red-bordered dialog box asks: 'Does the record field match with the device?'. It features a red circle with the number '1' in the top right corner. The dialog has two buttons: a blue 'YES' button and a red 'NO, REPORT' button.

Figure 9- Device Details of Scanned IMEI

### 3.8. Report IMEI

User needs to report the device if the displayed details do not match with the device.

To report the device, perform steps mention in [Section 3.5](#).

### 3.9. IMEI not found

A popup will appear if the IMEI is not found in GSMA database. This device may be a counterfeit or illegal device.

1. To report this device tap on “Report Mobile Phone” button.

The screenshot displays a mobile application interface titled "DCP" with a back arrow. The main form contains the following fields, each with a corresponding icon and a blurred input area:

- Device ID (Barcode icon)
- Manufacturer (Factory icon)
- Equipment Type (Document icon)
- Brand Name (Phone icon)
- Model Name (Phone icon)
- Marketing Name (Phone icon)
- Internal Model Name (Phone icon)
- TAC Approved Date (Calendar icon)

At the bottom, a confirmation popup is shown with the text "Does the record field match with the device?". It features two buttons: a blue "YES" button and a red "NO, REPORT" button. A red circle with the number "1" is positioned in the top right corner of the popup.

Figure 10- IMEI not Found



To report the device, follow steps mention in [Section 3.5](#).

### 3.10. History

1. To view history, tap on  icon on top left side of the screen.
2. A menu will appear, tap on “History”.

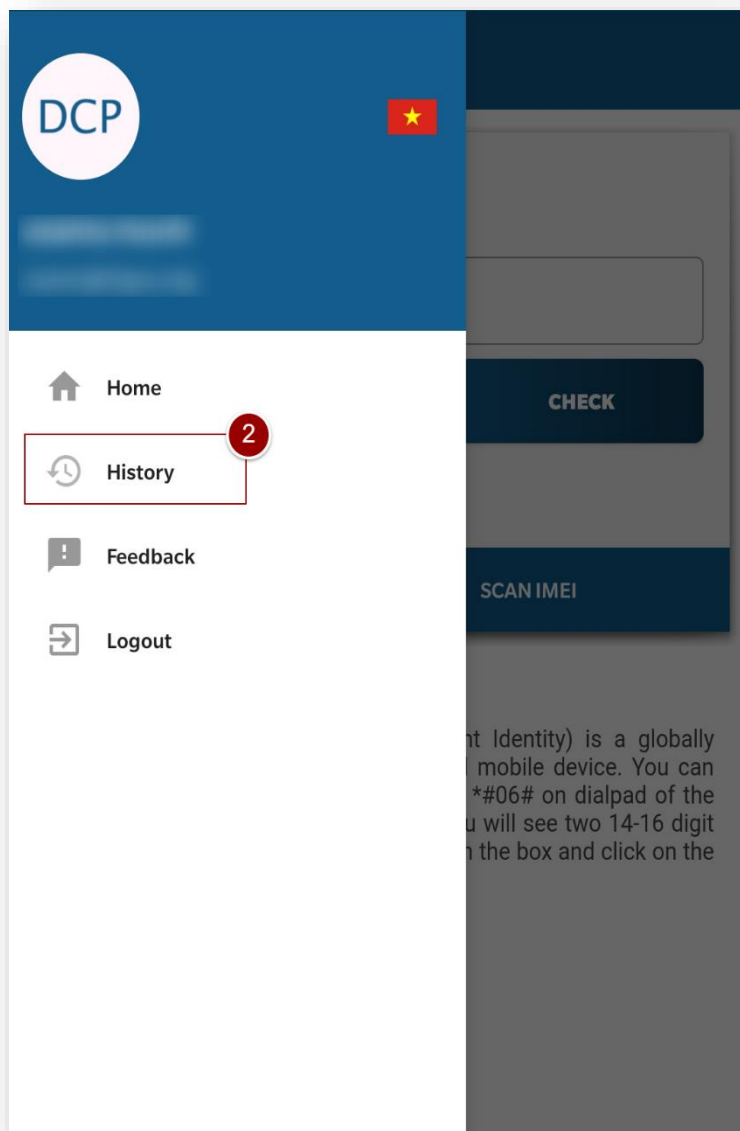


Figure 11- View History

- History will display with complete details i.e. Searched IMEI, Date & Time, User Name, Results, Medium, and IP Address.

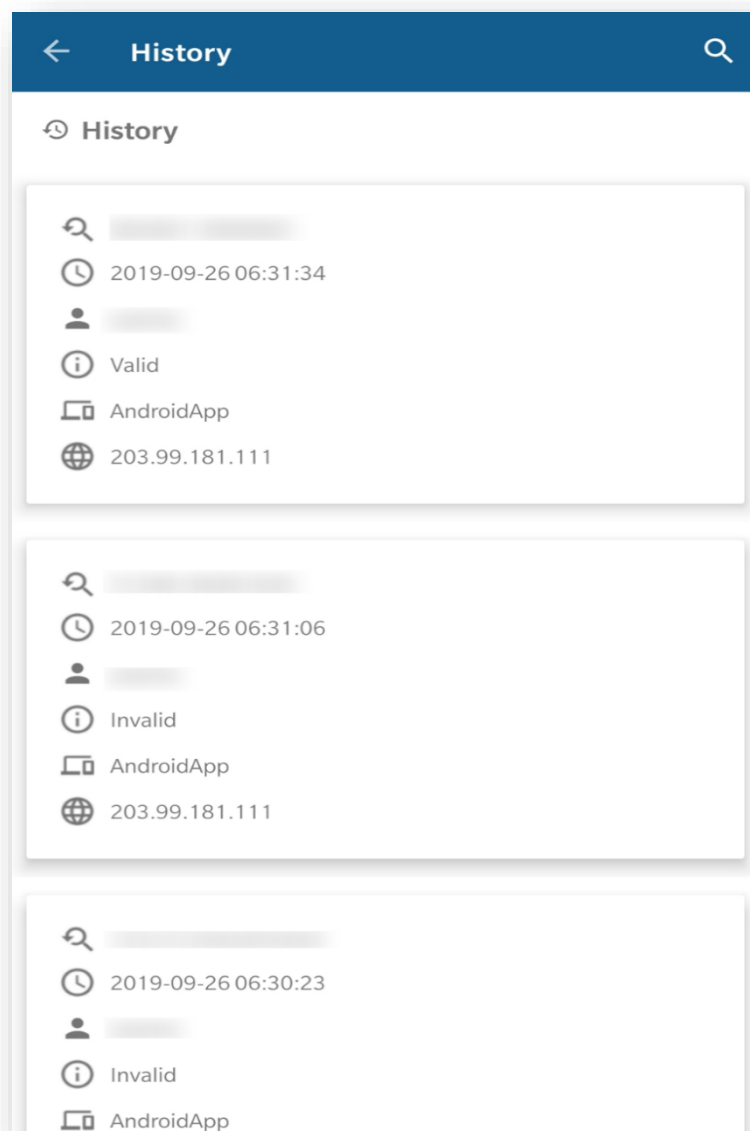



Figure 12- Display History

### 3.11. User Profile

To view username or email address, tap on  icon.

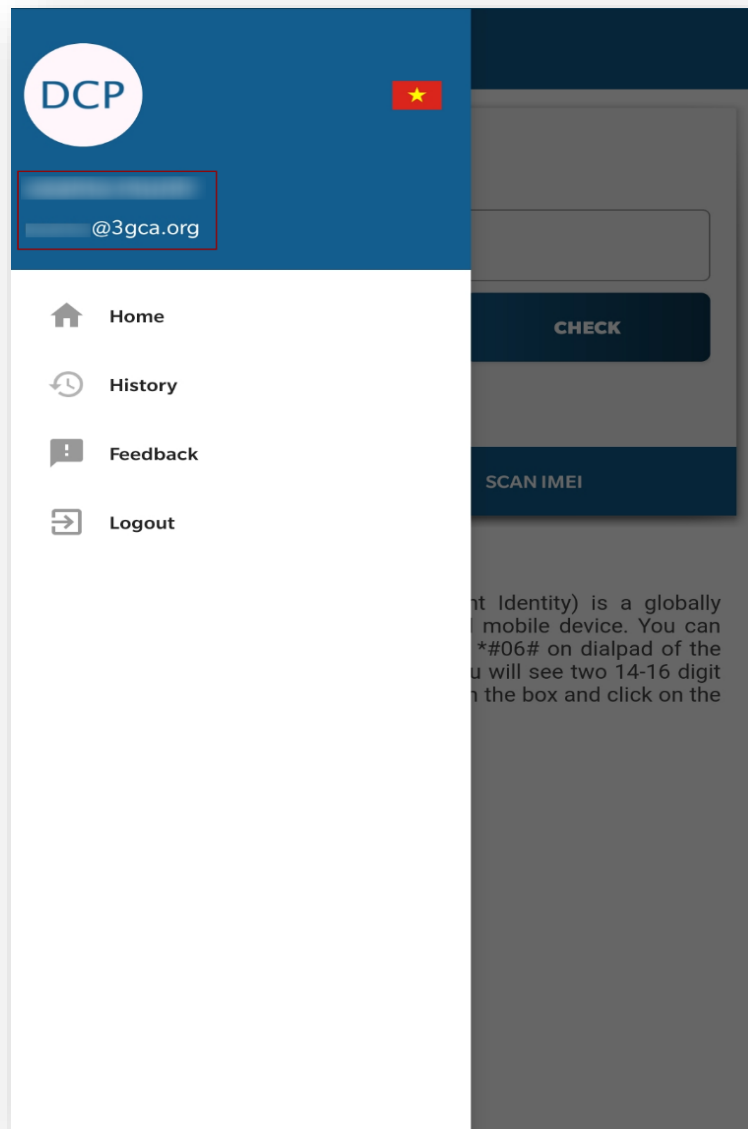


Figure 13- User Profile

### 3.12. Feedback

1. To give feedback, tap on icon  on left top of the screen
2. A menu will appear, tap on “Feedback”

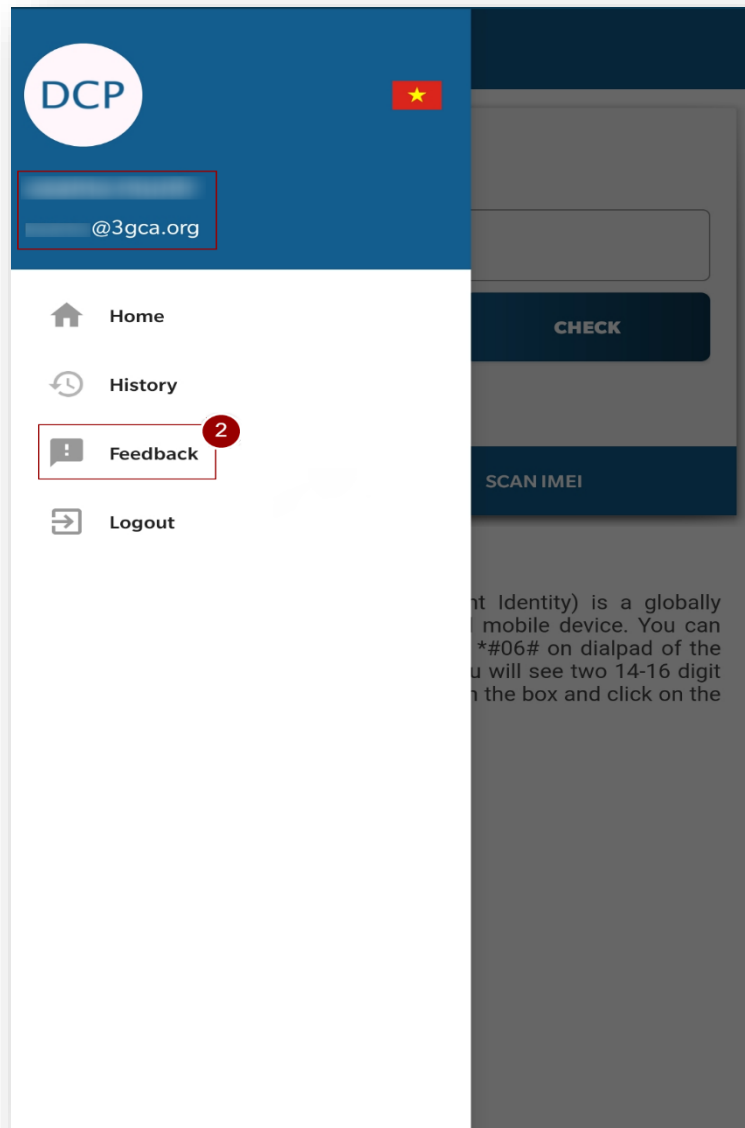


Figure 14-Feedback

3. Write down your comments/suggestions in comment box
4. Tap on “Submit Feedback” button

Feedback

Send Feedback

Enter your feedback here. nice app

8 / 255

SUBMIT FEEDBACK

Figure 15-Feedback

A confirmation message will pop-up after tapping the “Submit Feedback” button

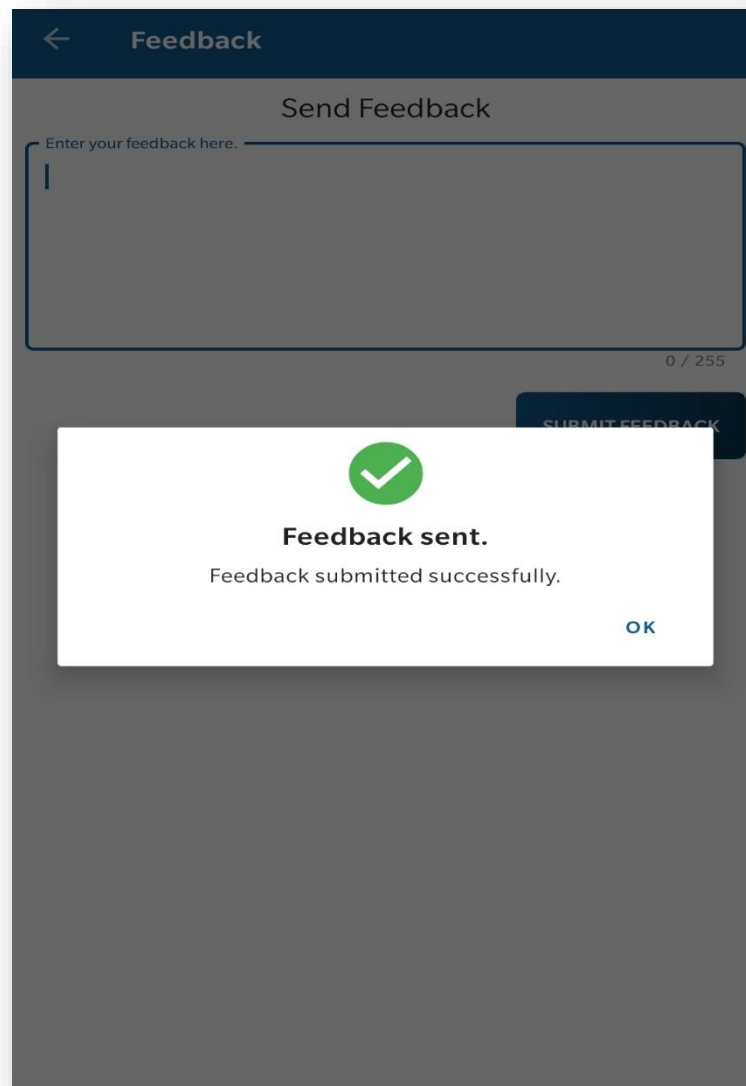



Figure 16-Feedback

### 3.13. Logout

1. To logout app, tap on icon  on left top of the screen.
2. A menu will appear, tap on “Logout”.

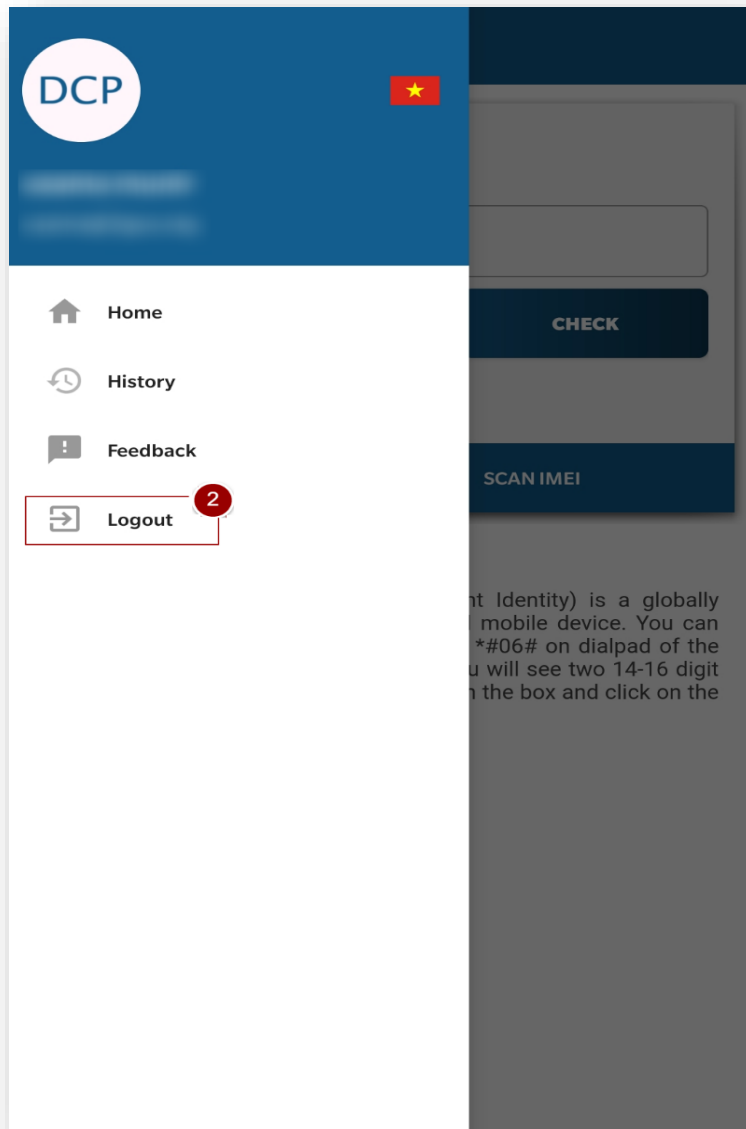


Figure 17- Logout