



# Implementation and Maintenance of Human Resource Management System (HRMS)

## Biometric Enrollment

Version 1.0

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**KELLTON TECH**

## Revision History

Core HR			
Version No.	Date	Version Detail	Author
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## 1. Introduction

Biometric Systems are automated methods of verifying or recognizing the identity of a living person on the basis of some physiological characteristics, like a fingerprint or face pattern, or some aspects of behavior, like handwriting or keystroke patterns. Some of the most used biometric characteristics are shown in the picture below. A biometric system based on physiological characteristics is more reliable than one which adopts behavioral features, even if the latter may be easier to integrate within certain specific applications.

Using biometric characteristics is the only way to guarantee the presence of the owner when a transaction is made. In particular fingerprint-based systems have been proven to be effective in protecting information and resources in a large area of applications. At present, the amount of applications employing biometric systems to secure transactions is quite limited. On one side, some barriers are determined by the lack of familiarity (and in some cases, of acceptability) of the people, but, probably, the most important reasons of the underdevelopment of biometrics in the past were the cost of the required hardware/software and the insufficient performance. Nowadays technology leads to design low-cost systems whose performance makes them well-suited for a broad range of applications.

## 2. Connect internet in Biometric Device

To connect biometric device with internet there are two options, a. LAN and b. Wifi

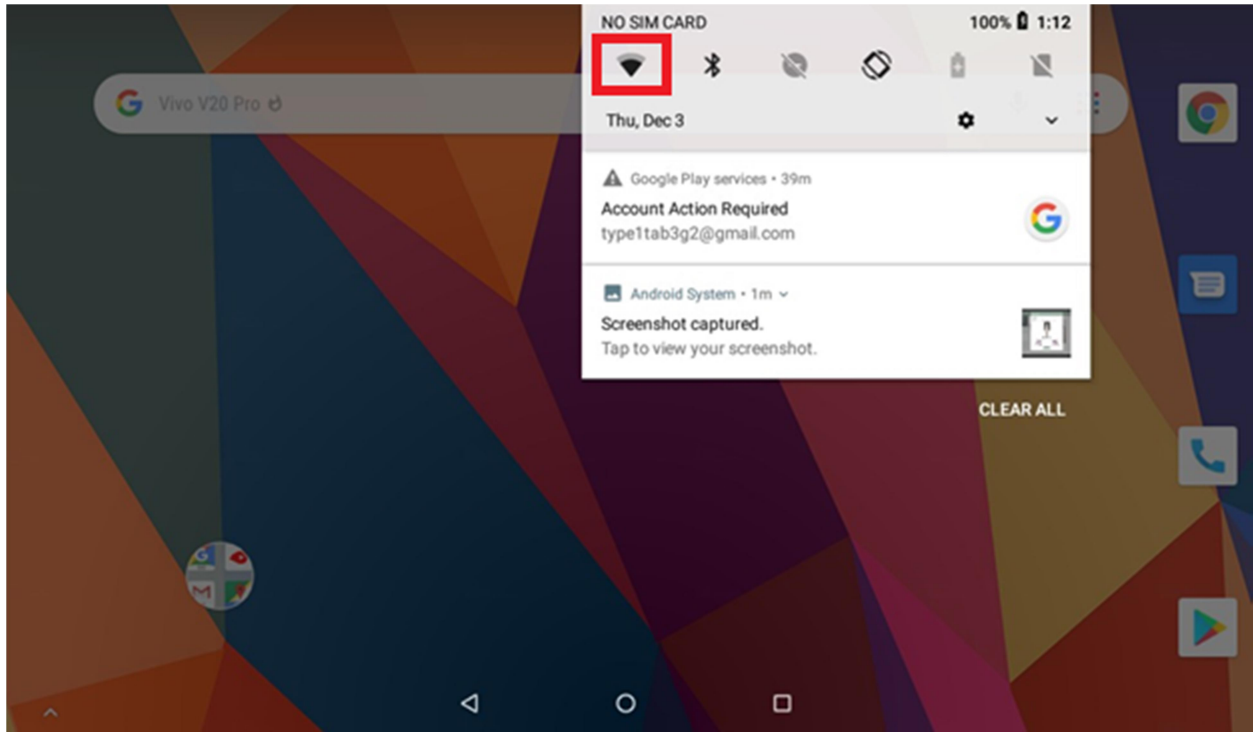
**2.1. LAN-** You can connect biometric device with internet through LAN cable. Port is given at the bottom of the device,



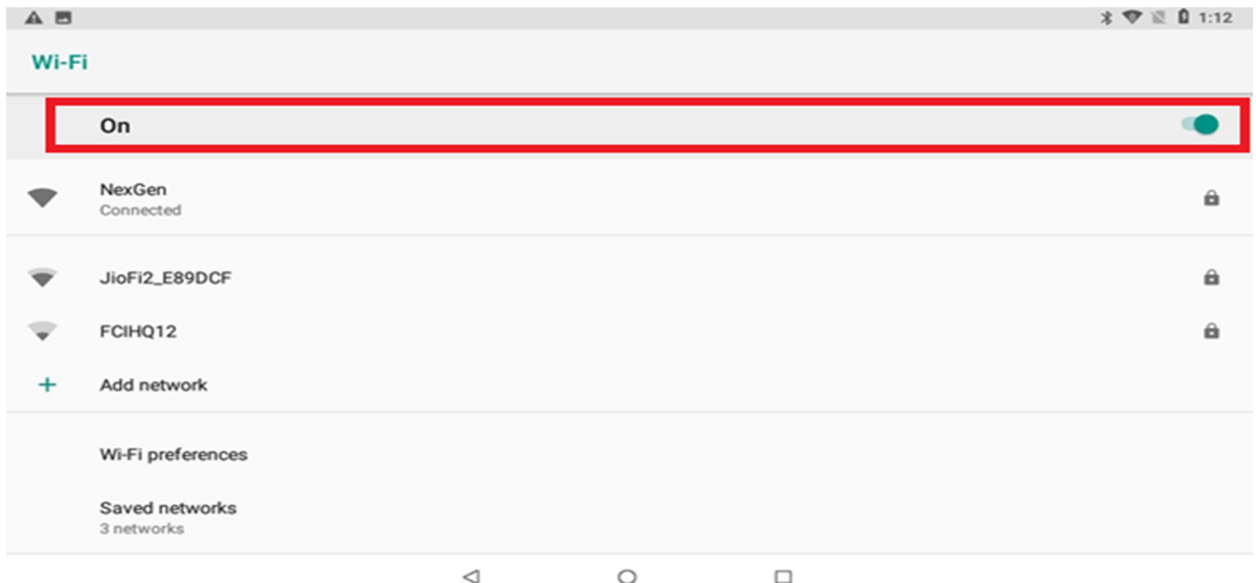
**2.2. WIFI-** You can also connect internet in biometric device through **WIFI**, this device runs on android OS and there is a tablet installed in this device so process is similar as we connect our android devices (Phone/ Tablet).

Go to setting >> Network and Internet >> Wi-Fi and click on “**On**” and choose the WIFI from the list and enter password. Click on “**CONNECT**”, device will be connected with internet.

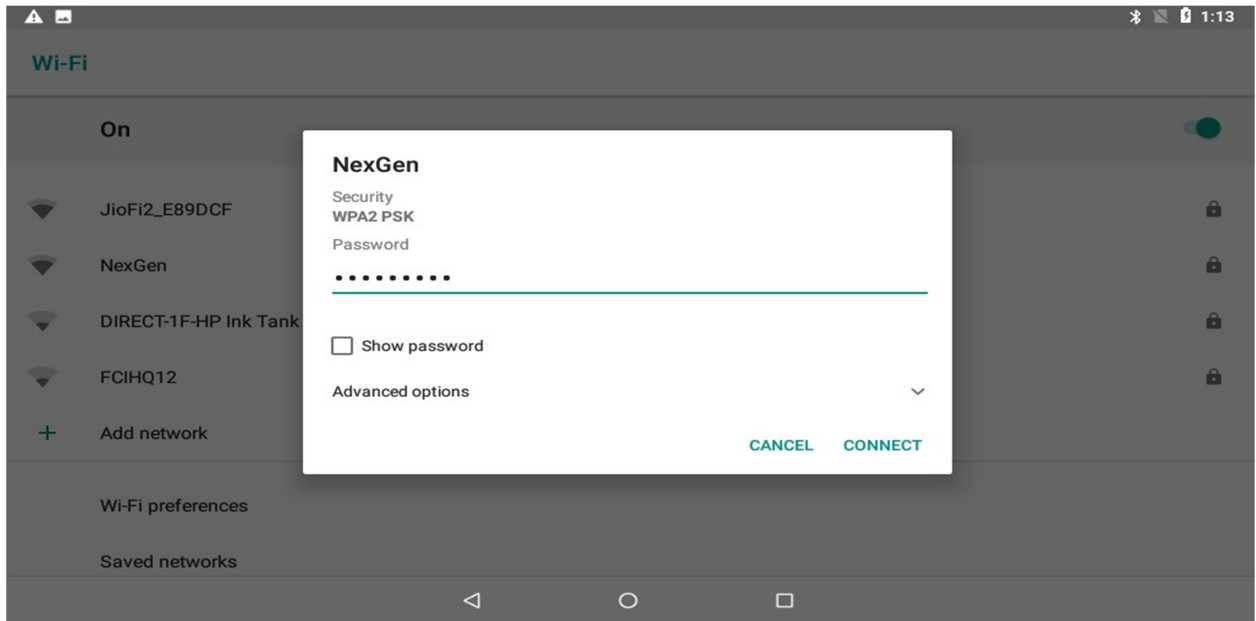
You can find **WIFI** option on the home screen, just swipe down on the top.



Click on “**On**” then WIFI device will be shown in the list and connect.



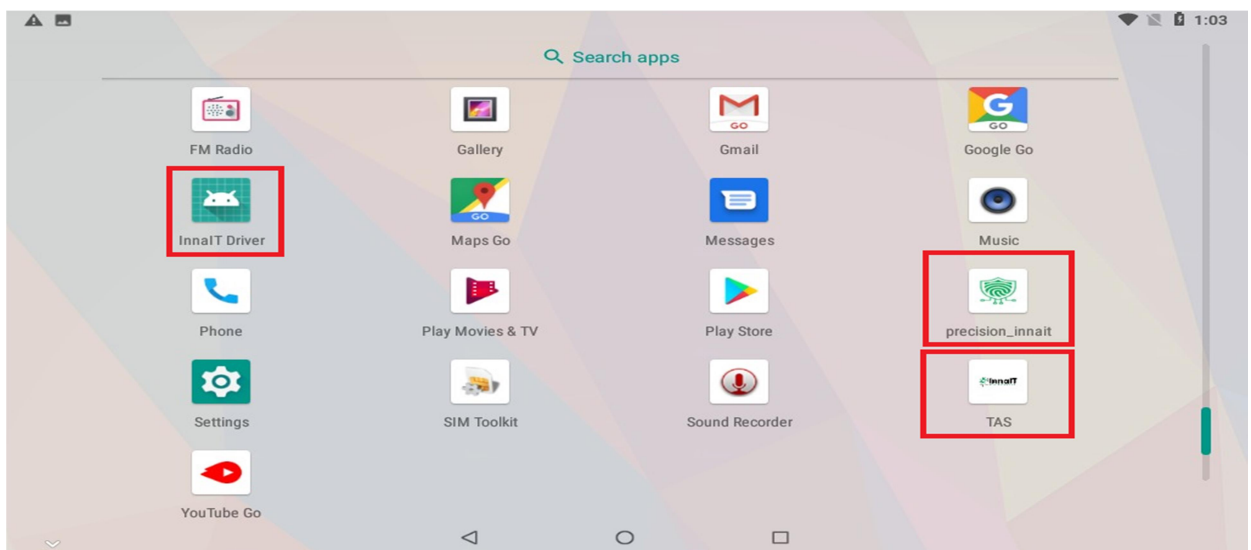
When you click on WIFI device from the list then need to enter password and click on “Connect” as shown below.



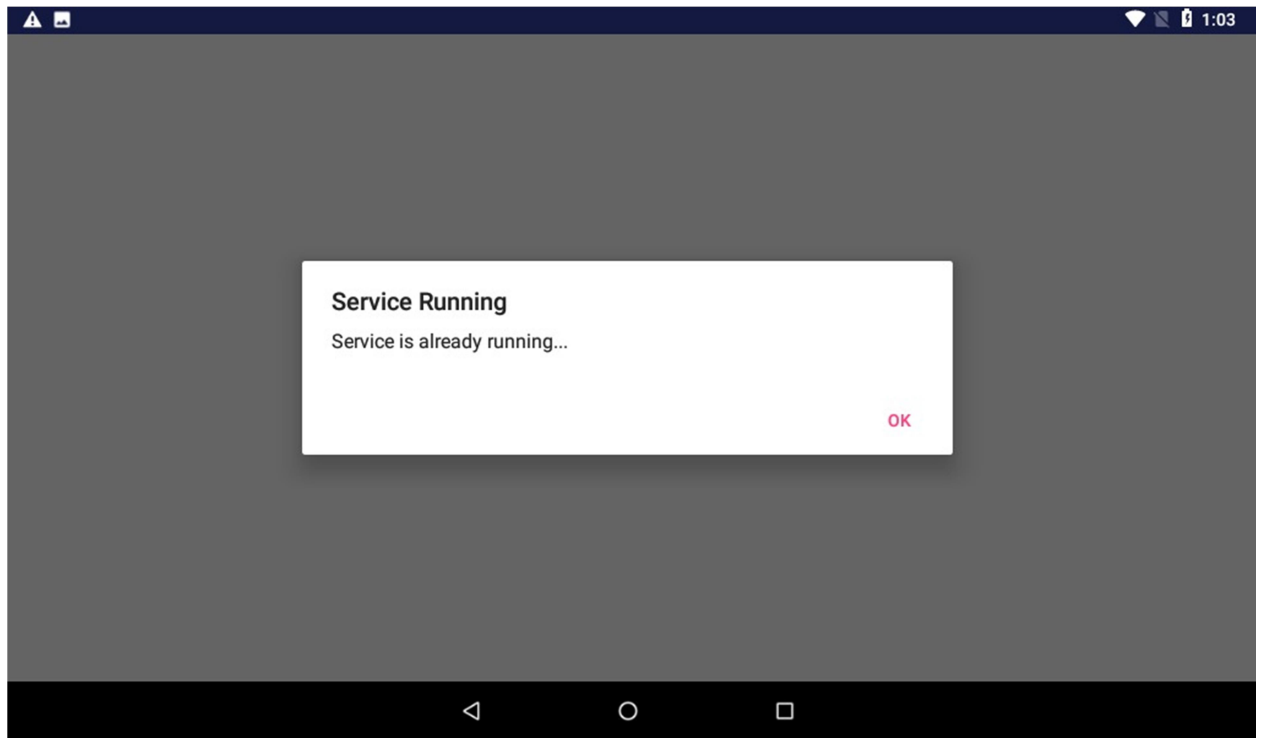
### 3. Biometric Apps

When WiFi is connected in biometric device, need to open App Drawer and there are 3 Apps that need to use in sequence.

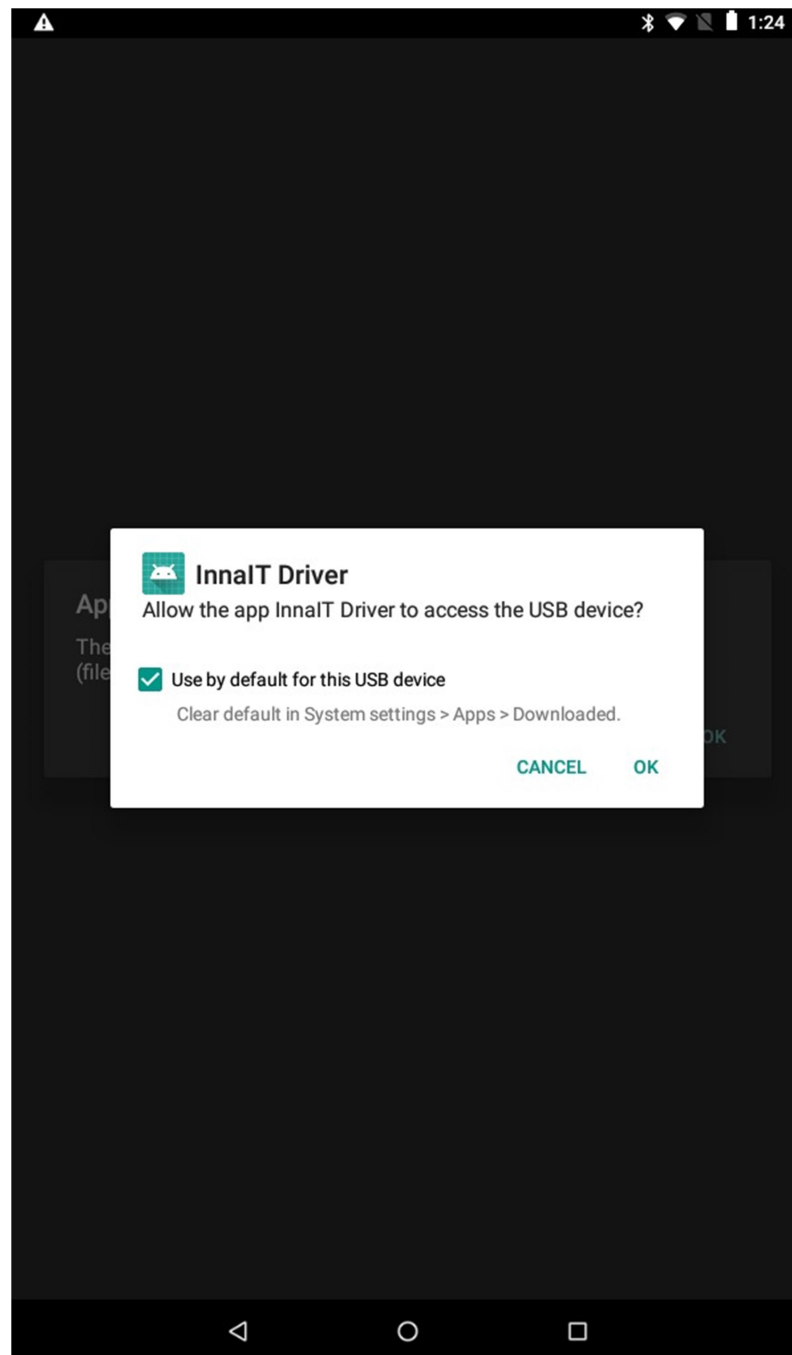
- i. InnaIT Driver
- ii. Precision\_innait
- iii. TAS



4. **InnaIT Driver**- Need to click on **InnaIT Driver** then driver installation will be started and you need to wait until close by itself.

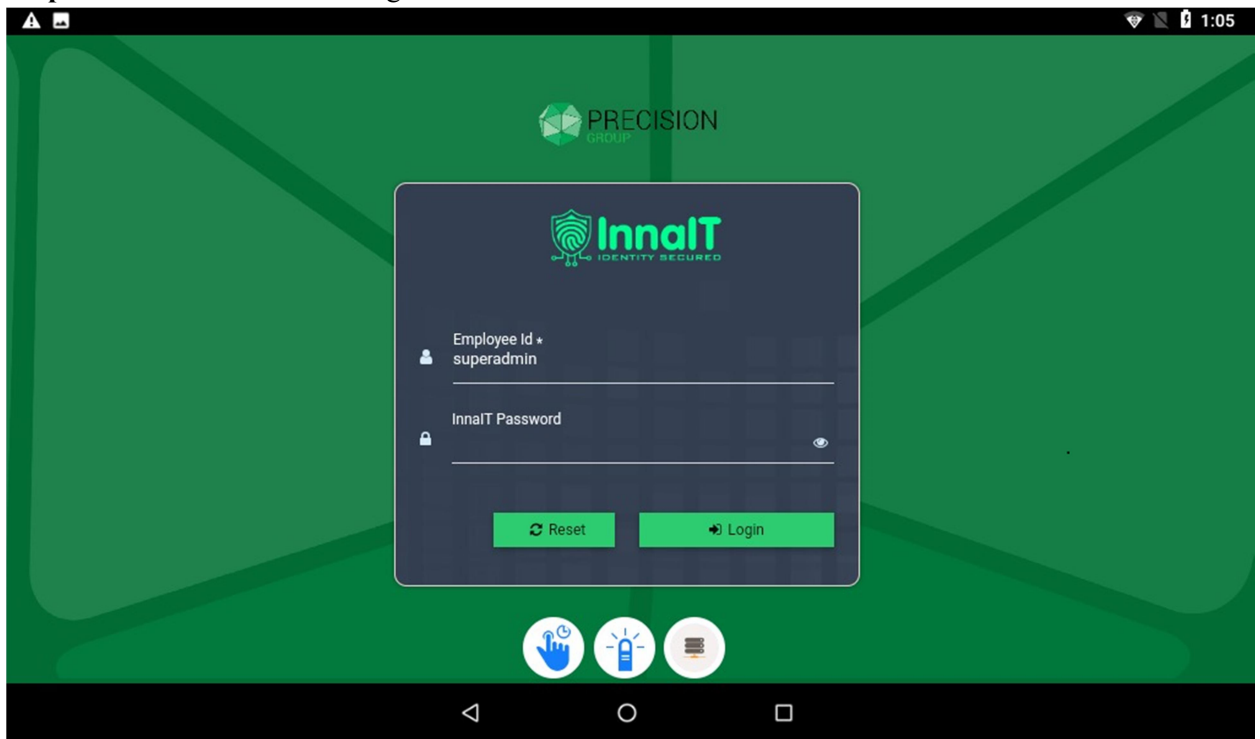


5. **Precision Innait**- Once InnalT Drive closed by itself, then click on **precesion\_innait** then a pop up will be appeared (Allow the app InnalT Driver to access the USB device?), check the checkbox and then click on **OK**



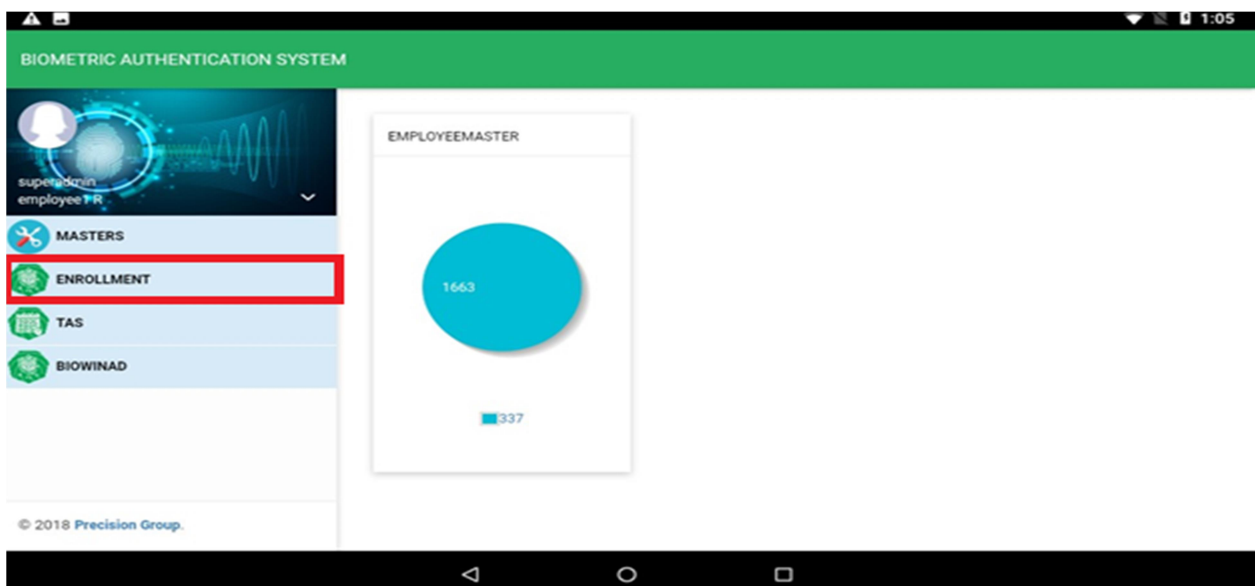
### 5.1.Login

Then application will be opened. You need to enter Employee ID and InnaIT Password as “superadmin” and click on “Login” button.



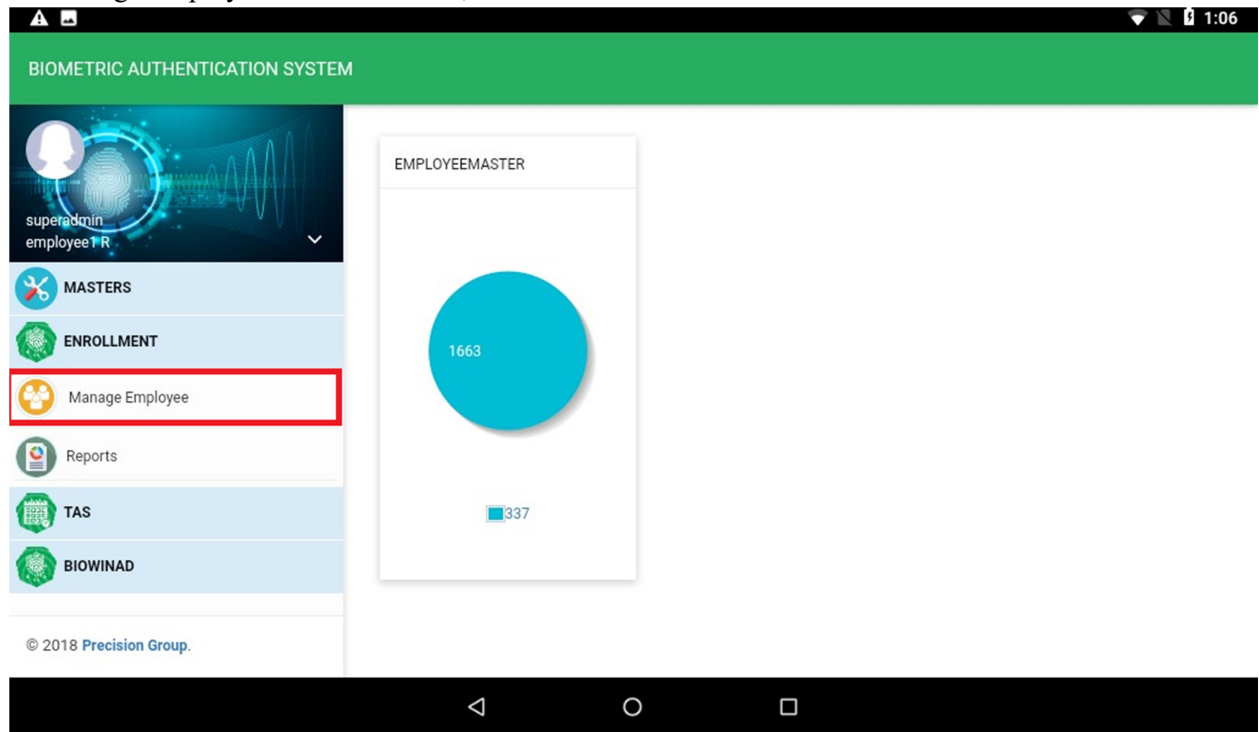
### 5.2.Enrollment

When you clicked on Login button then app will be logged in and options will be appeared and you need to click on **ENROLLMENT** menu.

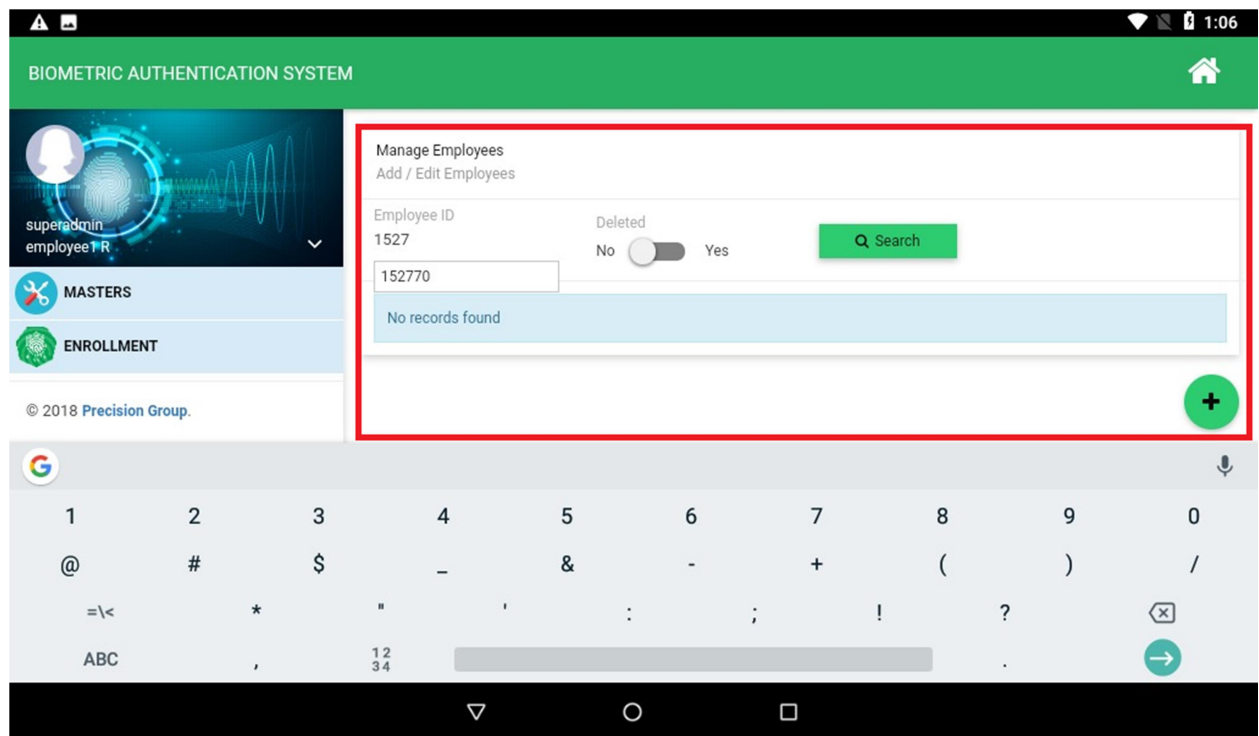





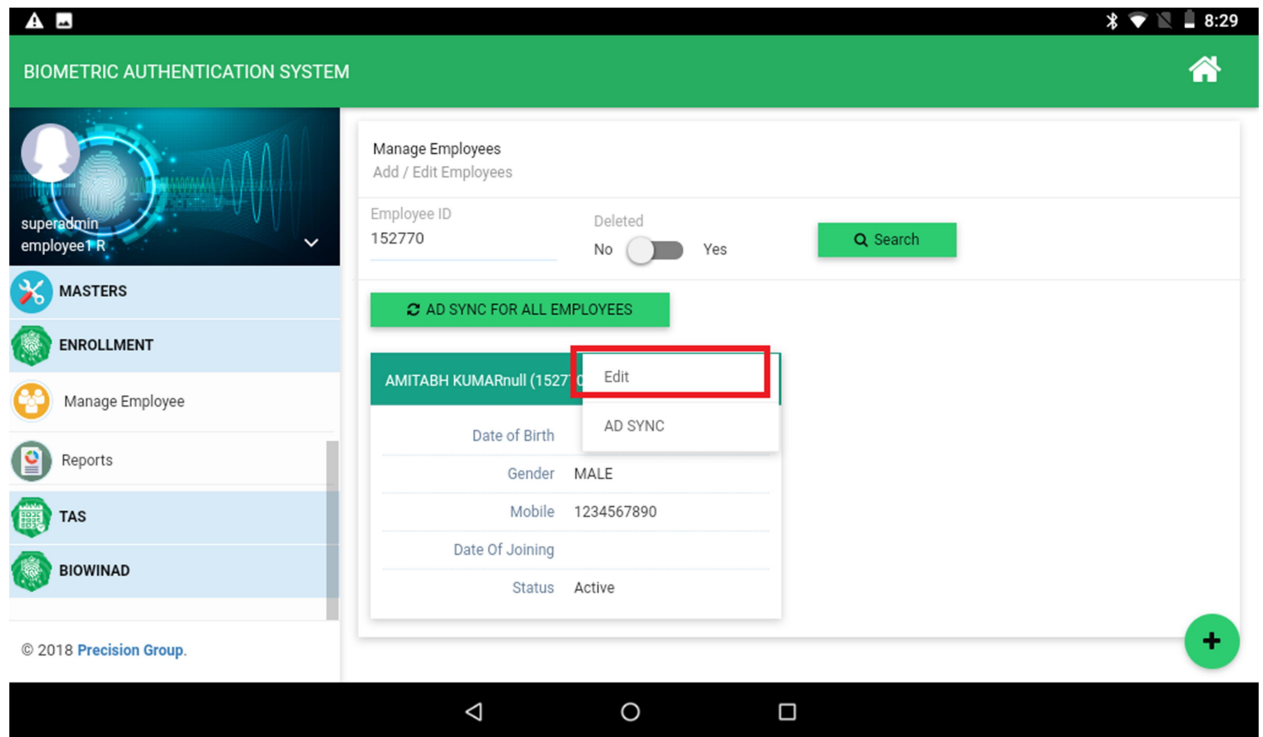
When you click on **ENROLLMENT** menu then it will expand sub menus and you need to click on Manage Employee as shown below,



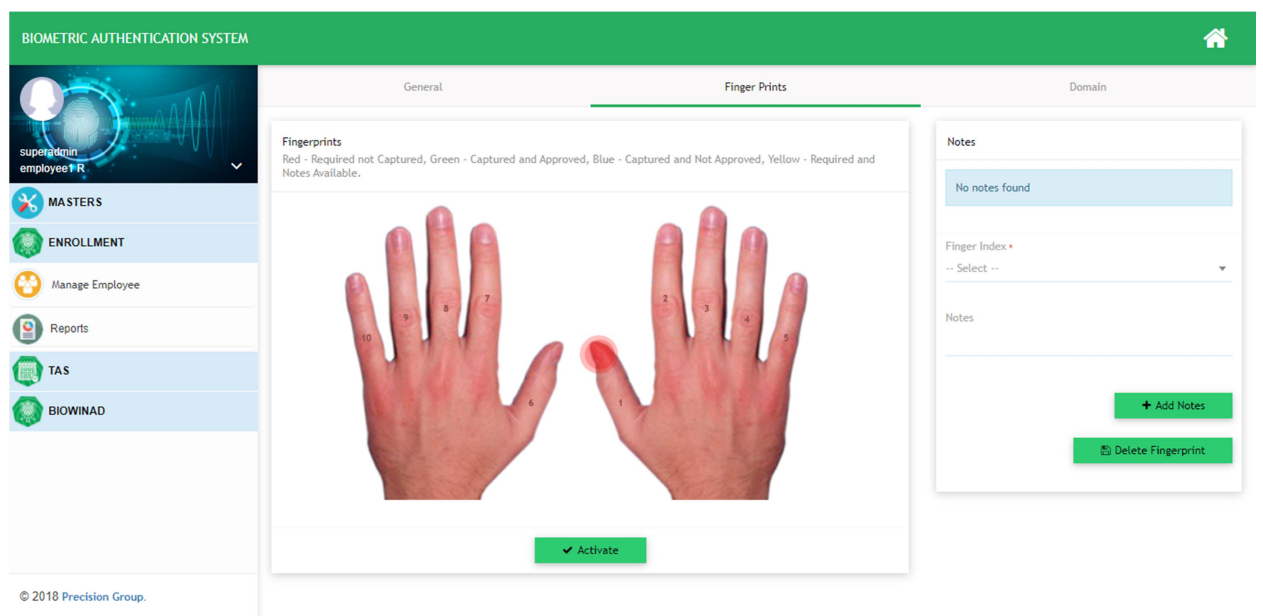
When you clicked on **Manage Employee**, search employee option will be opened and you need search the employee, if you need to add more employees then you can use + icon,



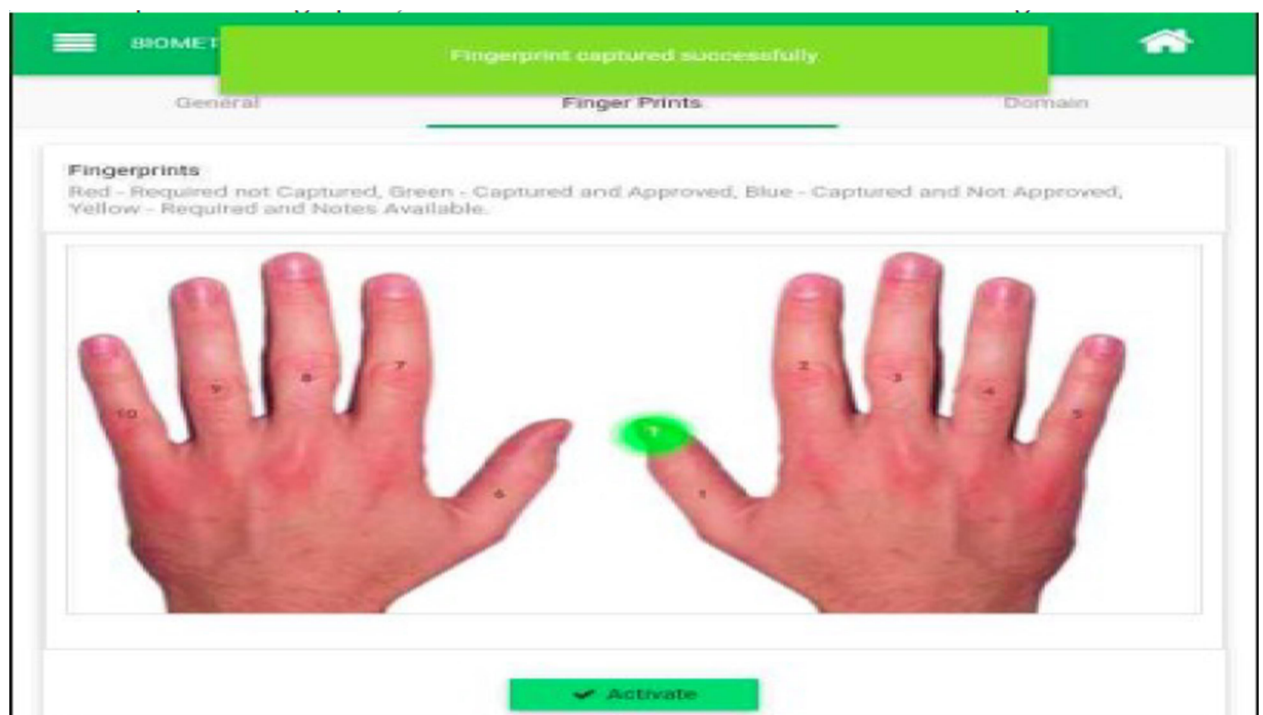
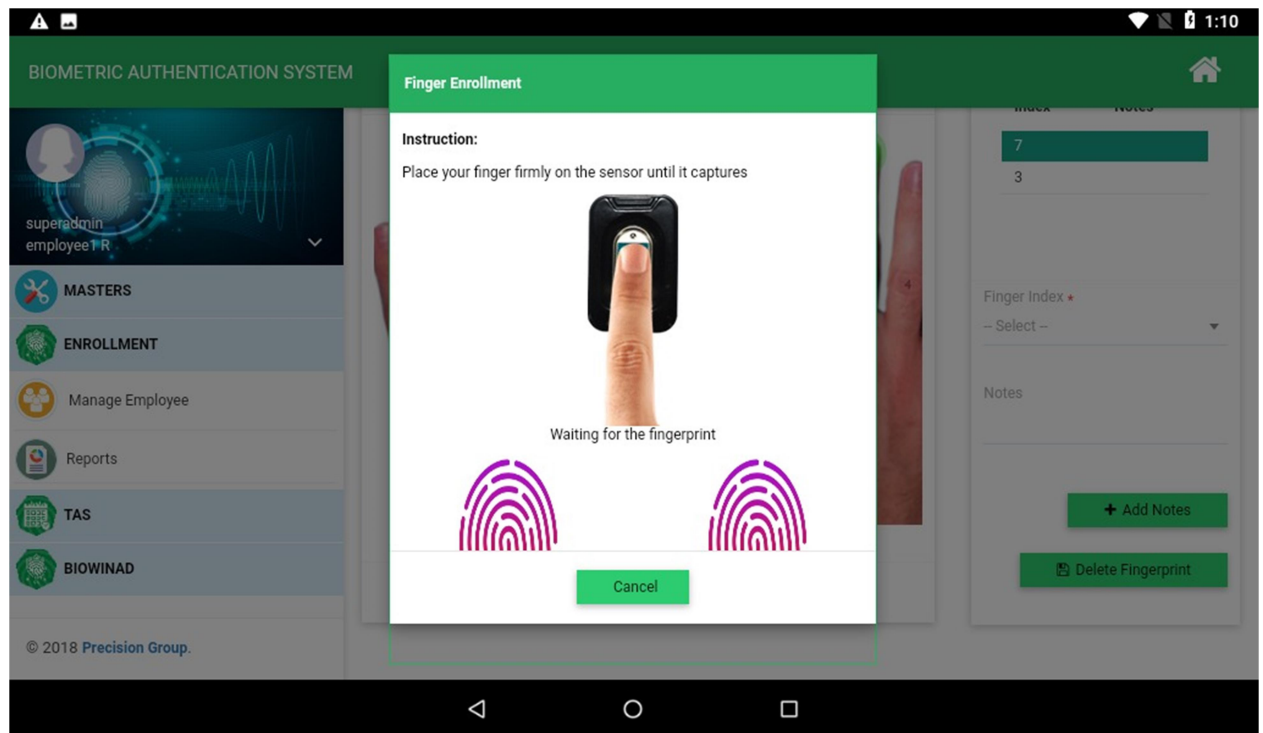
When you entered the employee number and click on the **Search** button then employee information will be appeared and you need to click on the  (3 dots) icon and then click on edit option,



When you clicked on Edit option then employee information will be opened and you need to click on **Finger Prints** option and select the finger on the screen, just click on the finger.

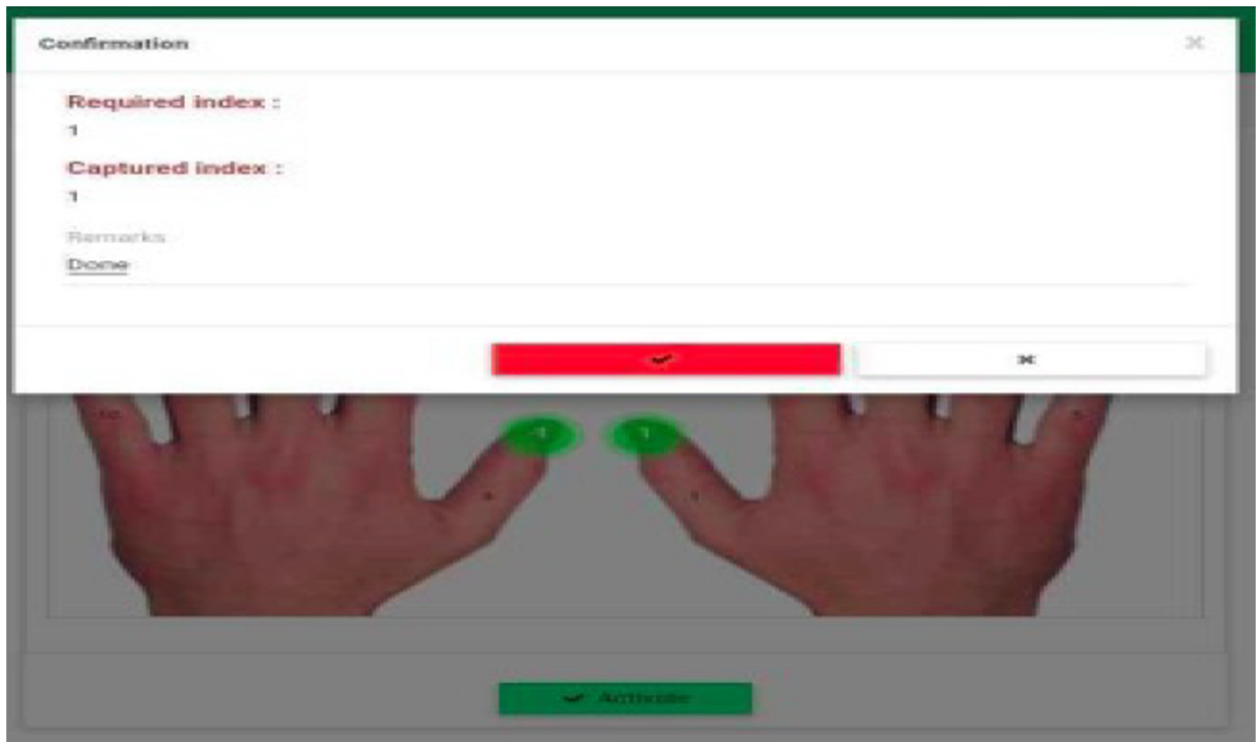



When you click/ select the finger on the screen then fingerprint scanned will be activated and you need to place the finger on the scanner in correct position and repeat this activity, your enrollment will be done. Same finger need to place twice. When you place the finger first on the scanner then finger image of the left side will be colored in green. Then release the finger and place same finger again and when both images will be green then finger captured successfully.



When finger will be captured successfully then finger enrollment window will be closed by itself and selected finger would be marked green as shown above. Finally need to click on Activate

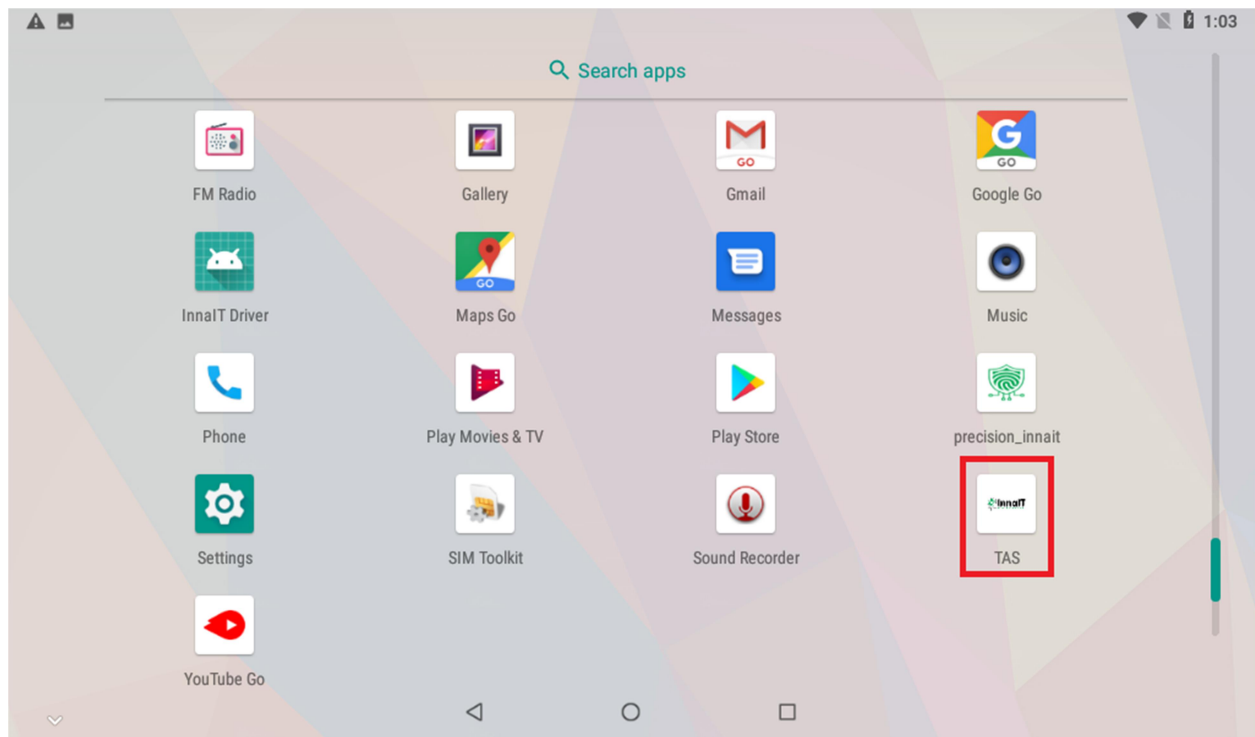
✓ **Activate** button then screen will be opened as below.



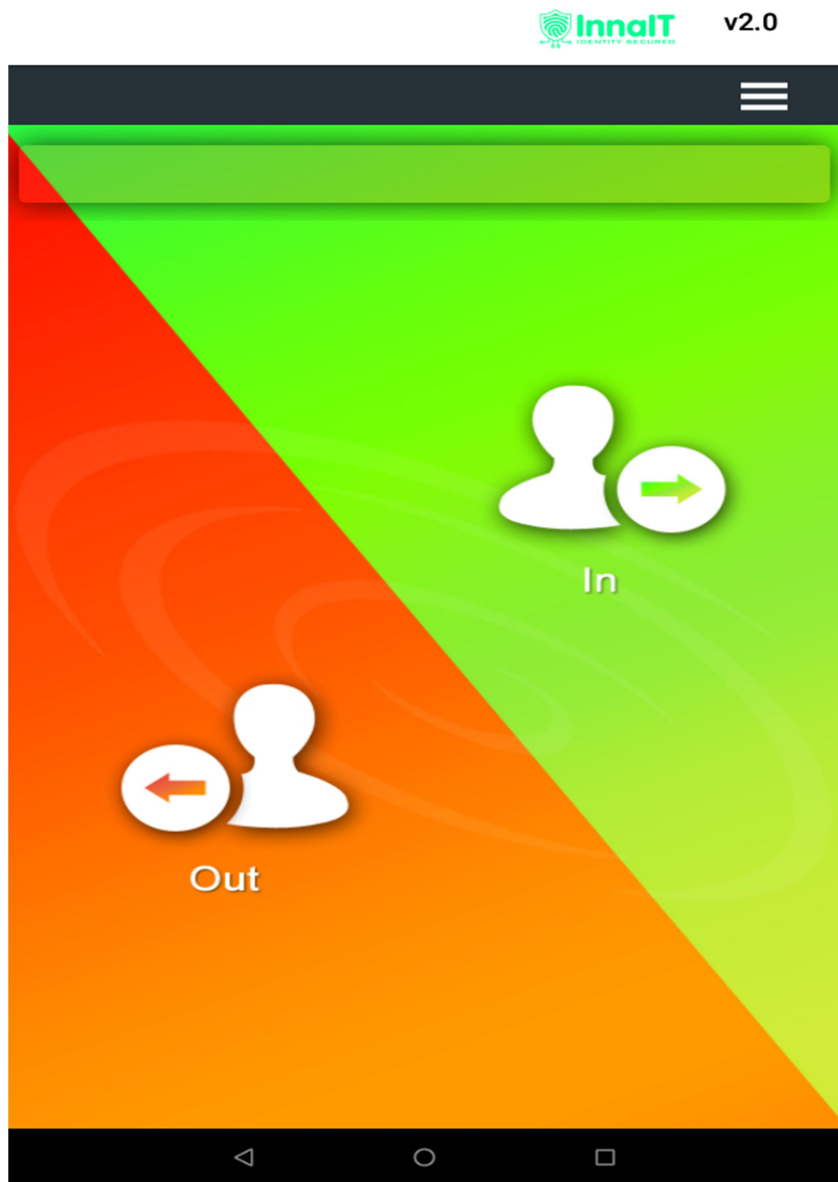
Enter the remarks as Done, Captured etc. and click on the  button. Fingerprint successfully captured.

## 6. TAS - Attendance

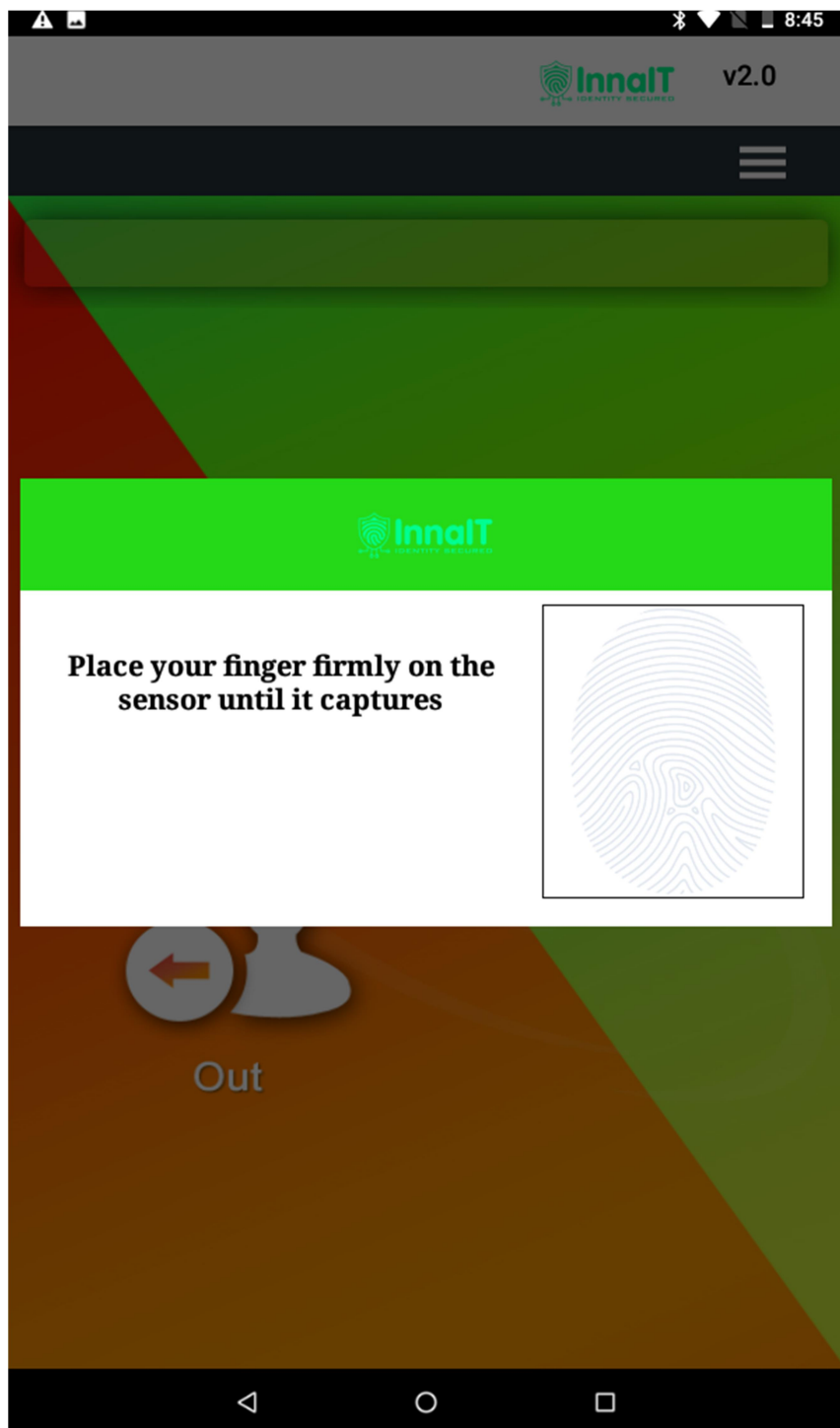
Open the app drawer and click on the TAS Icon as shown below.



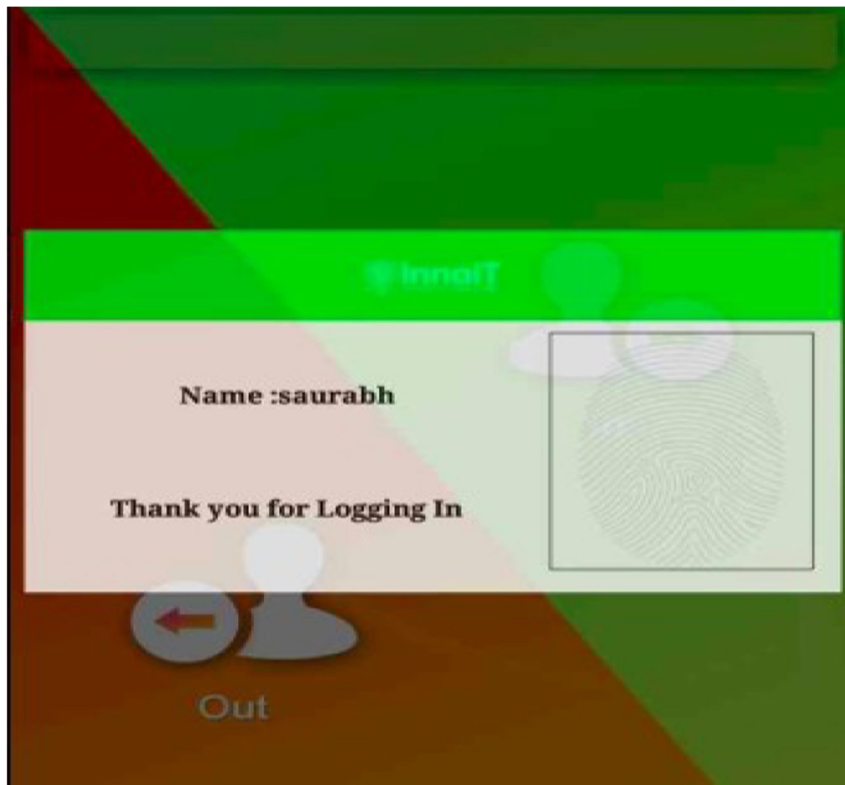
When click on the TAS Icon then app will be opened and need to select In or Out as shown below.



After clicking on In or Out, place your finger on the fingerprint scanner.



When place finger on the scanner get a message on the screen as shown below.



**Thank you.**