



ATTENDANCE DEVICE USER MANUAL



INTRODUCTION

Definition:

Attendance device is portable electronic device used collect and record the information about presence of students and lecturers in class.

Application:

Biometrically it uses fingerprint, and collect all the information about the students and lecturers who attended class

Device features

It has internal battery, it has enough storage up to 4GB, it is portable and it give output in excel format.


DEVICE MAP

N°	PART NAME	FUNCTION
1	LIQUID CRYSTAL DISPLAY	LCD (liquid crystal display) is the technology used for displays.
2	FINGERPRINT	A fingerprint scanner performs a very basic function, it takes an image of your fingertip and compares it against the data of a previously
3	KEYPAD	This 16-button keypad provides a useful human interface with the
4	SWITCH	Is used for ON/OFF control of the device.
5	USB PORT	USB (Universal Serial Bus) is the connection used to connect a computer to devices that is able to
6	BUTTON	Is a push button used for RESETTING the device
7	MIN-USB	It is used for charging up the device battery.

HOW THE DEVICE IS USED?

THE HOME SCREEN

	Wed
1. REGISTER	04
2. ATTEND	Apr
	2018

Step1: To enter in the registration mode you press  on the keypad and press enter.

REGISTER AS:
1. LECTURER
2. STUDENT
3. RETAKER

Press 1 if you are lecturer, you will record your fingerprint and module code.

Press 2 if you are student, you will record your fingerprint and student 's number.

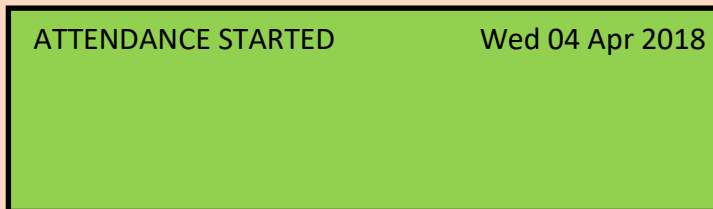
Press 3 if you are a retaker, you will record your fingerprint and student 's number.

HOW TO ATTEND

If you press button 2, you will enter attending mode. But must be noted that the attendance will start if and only if the lecturer press his finger. Then the students will be given the device hence attend only by pressing finger.

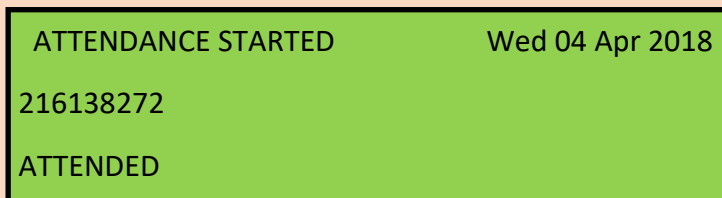
After pressing 2

If the lecturer press his finger



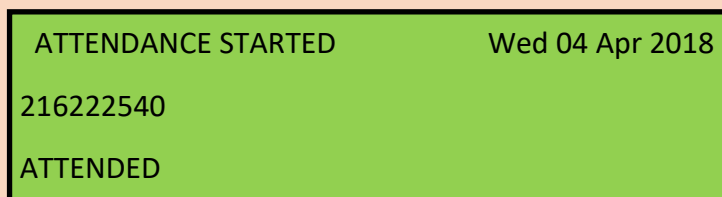
ATTENDANCE STARTED Wed 04 Apr 2018

If the student whose number is 216138272 press finger



ATTENDANCE STARTED Wed 04 Apr 2018
216138272
ATTENDED

If the student whose number is 216222540 press finger



ATTENDANCE STARTED Wed 04 Apr 2018
216222540
ATTENDED

If the student whose number is 216148472 press finger

ATTENDANCE STARTED Wed 04 Apr 2018
216148472
ATTENDED

If the student whose number is 217189002 press finger

ATTENDANCE STARTED Wed 04 Apr 2018
217189002
ATTENDED

If the lecturer press his finger again

ATTENDANCE CLOSED Wed 04 Apr 2018

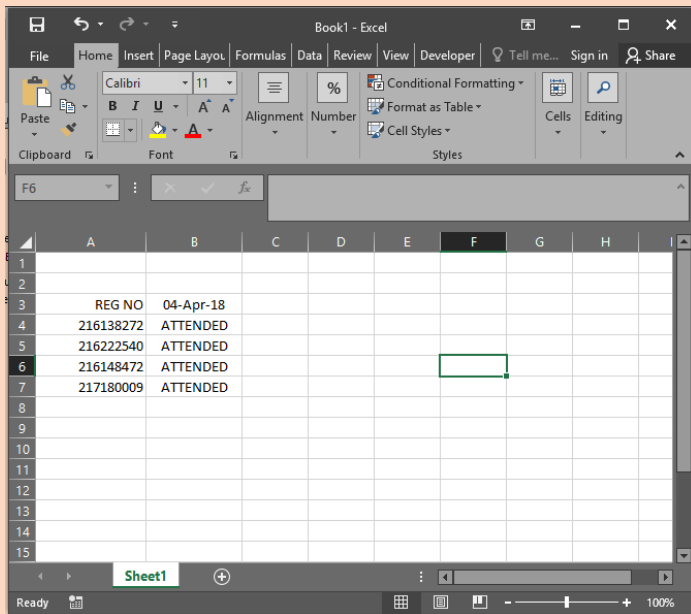
This time no more student that can attend, and the day records will have been saved.

For the next class lecturer will start attendance again.

HOW TO GET THOSE DATA INTO EXCEL

The file containing the required attendance record will be obtained by using USB cable and computer.

You will connect the device to computer and hence fetch those data with the help of PLX and excel spread sheet



HOW TO FORMAT THE DEVICE

This is a process of deleting all the information including fingerprints and the related user numbers or codes.

It must be done by the Authorized user only.

This is done through the setting, by pressing setting button



Note: After formatting the device you must press the RESET button.



DEVICE SPECIFICATION

Battery 8400mAh

Probability error 0.1

Power 650mW

Voltage 5V

Speed 16MHz

Memory:

EPROM 4Kb

Disk 4GB

Robust cover

The end

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