

For new mobile device connection

1. Turn on device press center button and turn on hotspot in mobile device

Change hotspot credentials in Mobile device to

Network name :wifi

Password:Newpassword99

2. Device will get connected and show up as name:_____

3. Turn on bluetooth

4. Connect to HC-05 device with password :1234

5. Download "Arduino Bluetooth Controller" app link:

<https://play.google.com/store/apps/details?id=com.giumig.apps.bluetoothserialmonitor>

6. Connected HC-05 will show up

7. Mail id : projectsafearduino@gmail.com

Password:_____ for Google drive access

8. Set up/Enroll biometric

i. Click button beside biometric scanner

ii. Place finger on biometric scanner

iii. Remove finger

iv. Again place the same finger on scanner

v. Fingerprint enrollment done

Note :Can enroll upto 3 fingerprints

9. On keypad for biometric verification

i. Enter "*2024#"

ii. Place finger on biometric scanner for verification

iii. If fingerprint is registered earlier then it will move to bluetooth verification if not registered buzzer will sound and camera captures image and sends it to Google drive

iv. Check the board for bluetooth connection if connection not established then red light will blink continuously

v. Now open "Arduino Bluetooth Controller" app click on HC-05

vi. Open terminal enter bluetooth key/password:2468

vii. Bluetooth verification is done and motor will respond to it

viii. Motor will close after 3 seconds

ix. If wrong bluetooth key/password entered in the app then buzzer will sound and camera captures image and sends to Google drive

10. If any password entered is wrong for 3 attempts, camera captures image every time and sends to Google drive then whole device will get locked

11. For emergency access to override all security mechanism

i. press "A" on keypad

ii. Enter passkey : "20240202#"

12. Entire device will get override and motor will be open for 3 seconds and then closes