**Connecting With Wi-Fi app for file sending**

**1) With Raspberry Pi 3**

- Change in esp32 firmware

unsigned int ftpPort = 21;

- Connect to wifi for internet connection.

**a) Install Ftp**

-sudo apt-get install proftpd

-sudo leafpad /etc/proftpd/proftpd.conf

change text

DefaultRoot ~

-Give comment

>sudo service proftpd restart

**b) Install Hotspot app on raspberry pi**

-Give following commands

>sudo cp /etc/wpa\_supplicant/wpa\_supplicant.conf /etc/wpa\_supplicant/wpa\_supplicant.conf.sav

>sudo cp /dev/null /etc/wpa\_supplicant/wpa\_supplicant.conf

- edit in the file /etc/wpa\_supplicant/wpa\_supplicant.conf and add the following lines:

ctrl\_interface=DIR=/var/run/wpa\_supplicant GROUP=netdev

update\_config=1

-Give this command to download and install webgui

>wget -q https://git.io/voEUQ -O /tmp/raspap && bash /tmp/raspap

follow the questions and select Yes for every questions

-go to web browser and enter in website bar

localhost

-go to Configure Hotspot

>Basics – wifi SSID name (should be same in esp32 firmware const char\* ssid = "ssid-name";)

>Security – wifi password (should be same in esp32 firmware const char\* password = "wifi-password";)

save settings.

**1) With Android mobile**

- Change in esp32 firmware

unsigned int ftpPort = 2221;

- install ftp server app on mobile

<https://play.google.com/store/apps/details?id=com.medhaapps.wififtpserver&hl=en>

- start portable hotspot on mobile

ssid – wifi SSID name (should be same in esp32 firmware const char\* ssid = "ssid-name";)

password – wifi password (should be same in esp32 firmware const char\* ssid = "ssid-name";)

-open ftp serve app

>goto setting in App >

Userid – admin (in firmware esp32 loginFTPServer("**admin**", "651151"))

Password – 651151 (in firmware esp32 loginFTPServer("admin", "**651151**"))

Root Folder – Custom Folder (select folder where file stored. ftp consider it as root folder / )