

README_PI_DEVICE

Working of Raspberry Pi Device

The devices are installed at different blood banks. After receiving a request, it then proceeds to voice loud and clear messages describing the patients' details.

It can be used to revert back, and has 3 buttons with easy instructions of what they do.

1. will send an affirmative mail back to the requester.
2. will send a negative message to our server.
3. will indicate the device to sleep for half an hour and begin the talk back again after that.

Specs of the Device

SoC: Broadcom BCM2837

CPU: 4x ARM Cortex-A53, 1.2GHz

GPU: Broadcom VideoCore IV

RAM: 1GB LPDDR2 (900 MHz)

Networking: 10/100 Ethernet, 2.4GHz 802.11n wireless

Bluetooth: Bluetooth 4.1 Classic, Bluetooth Low Energy

Storage: microSD

GPIO: 40-pin header, populated

Ports: HDMI, 3.5mm analogue audio-video jack, 4x USB 2.0, Ethernet, Camera Serial Interface (CSI), Display Serial Interface (DSI)

IF This Then That, also known as **IFTTT** (pronounced /ift/) is a free web-based service to create chains of simple conditional statements, called applets. An applet is triggered by changes that occur within other web services such as Gmail, Facebook, Instagram, or Pinterest.

Circuitry of Pi Device

