

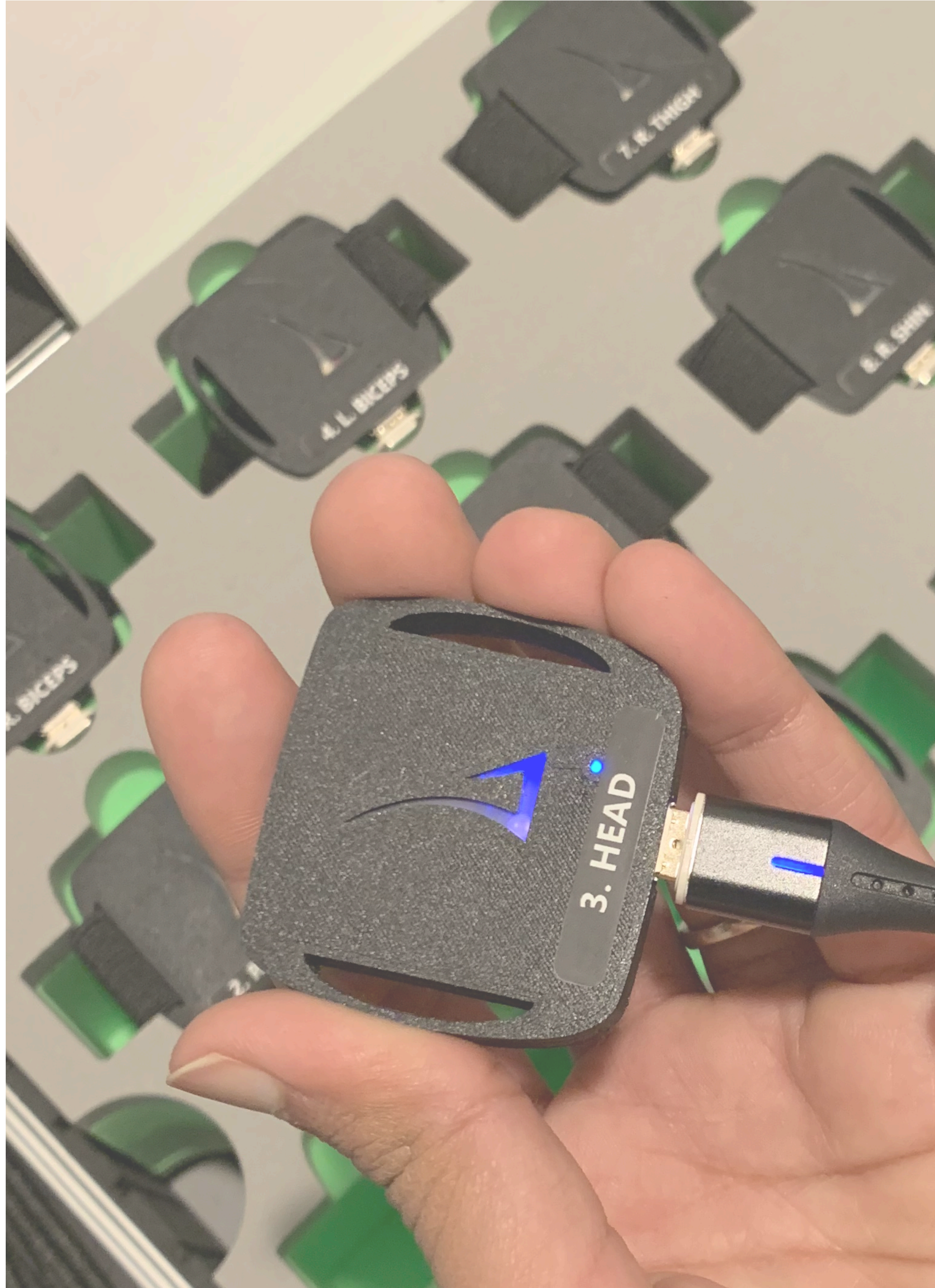
EQUILIBRIUM

BY VAYU TECHNOLOGY

USER MANUAL & BEST PRACTICES GUIDE

STEP 0 - CHARGING THE SYSTEM

Always begin by fully charging the 12 sensor modules, 1 central hub and backups in the following way:



Charging cables magnetically attach to the ports and show a blue LED light to indicate charging. When fully charged, the blue LED light turns off.



To disconnect the cables from the ports, simple bend the wire by 90 degrees to break the circuit.



DO NOT PULL OR TUG ON THE CABLES TO DISCONNECT, THIS CAN BREAK THE CHARGING PORTS.

STEP 1 - SYSTEM SETUP

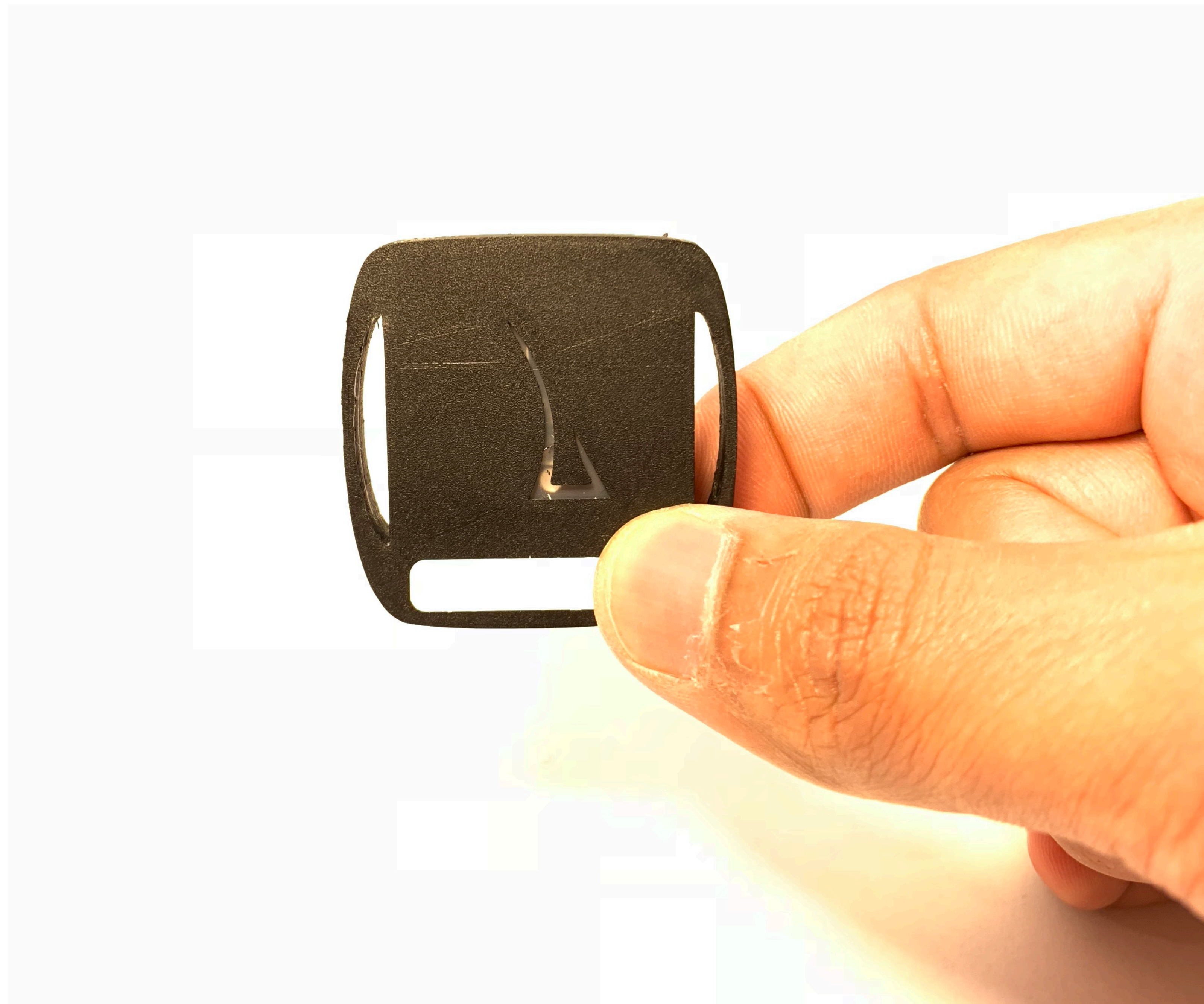
On a flat surface, lay 12 sensor modules and 1 central hub as displayed below:



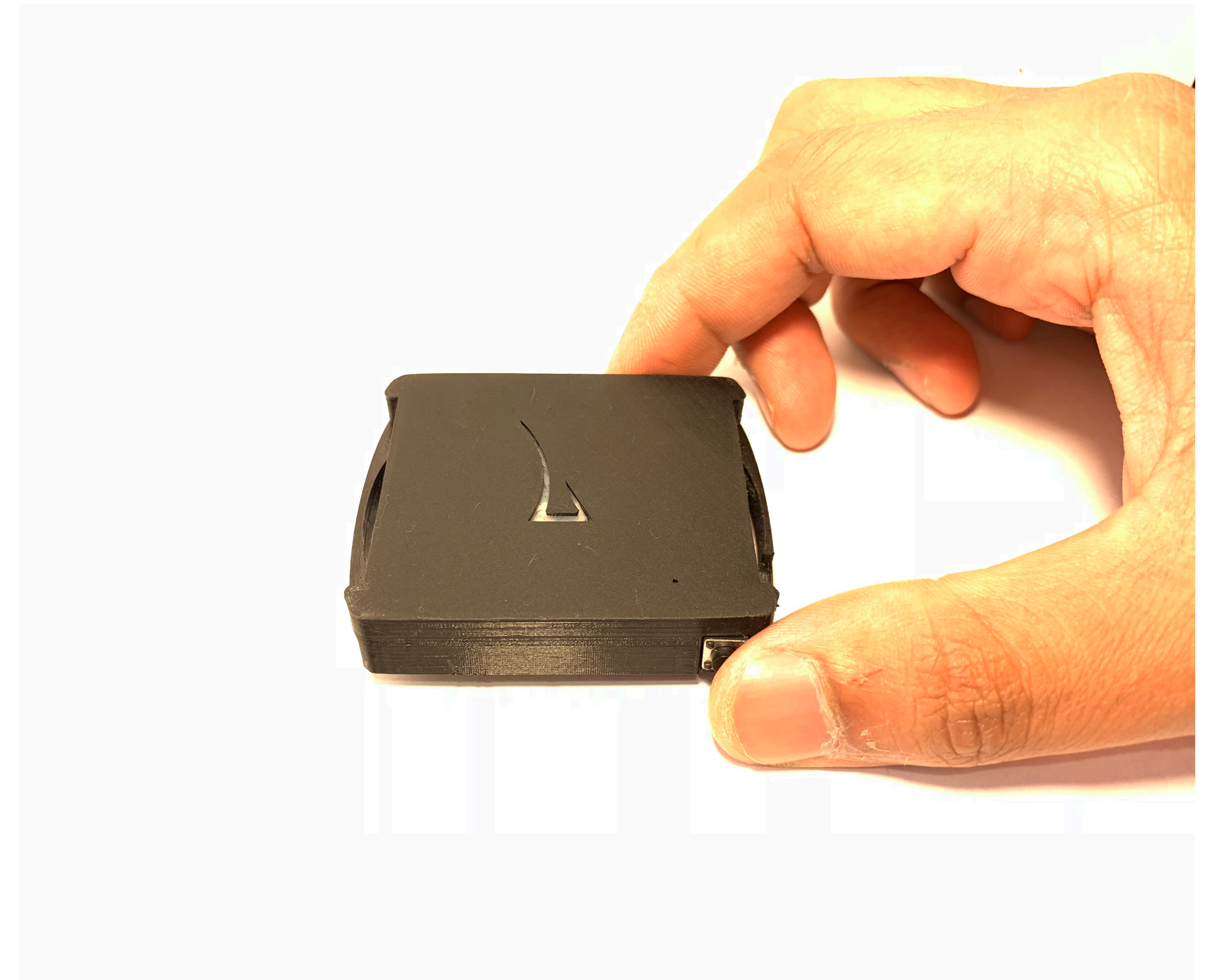
STEP 2 - POWERING ON THE SYSTEM

Power ON the 12 sensor modules and 1 central hub as shown below:

POWER ON SENSOR MODULE BY **PINCHING ONCE**
THE BOTTOM RIGHT CORNER AS SHOWN



POWER ON CENTRAL HUB BY **SINGLE CLICKING**
THE BUTTON ON THE OUTSIDE AS SHOWN



STEP 3 - SYSTEM CALIBRATION

After powering ON, 12 sensor modules and 1 central hub will blink for 45 seconds until stable red:

CAUTION !

DO NOT MOVE THE 12 SENSOR MODULES AND 1 CENTRAL HUB DURING THE BLINKING RED PHASE, UNTIL THEY ARE STABLE RED.

IF MOVED, TURN OFF THE SYSTEM AND RESTART THE PROCESS.



STEP 4 - WEARING THE SYSTEM

Place the 12 sensor modules and 1 central HUB on the body and stand in calibration stance as shown:



NOTE !

THE CENTRAL HUB, LUMBAR SENSOR & HEAD SENSOR ARE ATTACHED VIA VELCRO TO THE CHEST STRAP, LUMBAR PATCH AND HEAD BAND RESPECTIVELY (AS SHOWN). REST OF THE SENSOR MODULES ARE STRAPPED AROUND THE RESPECTIVE SEGMENTS.

ON WEARING THE SYSTEM AND STANDING IN CALIBRATION STANCE (WITH ARMS BY THE SIDE, PALMS FACING BEHIND AND FEET UNDER THE HIPS AND PARALLEL TO EACH OTHER), ALL SENSOR MODULES AND CENTRAL HUB WILL BE FACING IN ONE DIRECTION, EXCEPT THE FOOT SENSORS (FACING THE SKY) AND LUMBAR SENSOR (FACING IN THE OPPOSITE DIRECTION).

EACH SENSOR MODULE AND CENTRAL HUB HAS VELCRO ATTACHED TO PROVIDE REINFORCEMENTS DURING DYNAMIC TESTING.

STEP 5 - ACTIVATING NEW USER

Before beginning to test, follow the step below:



Stand in calibration stance



Long press and hold central hub



Wait for the LED to turn white



Release long press on central hub



Wait for the LED to turn stable red

STEP 6 - SYSTEM OPERATION

After activating a user, begin testing by following the steps below for each trial activity:



Stand in calibration stance



Press the central hub to initiate trial



Hold for 3 secs before activity



Press the central hub to finish trial



Wait for data to finish collecting



Repeat process for next trial

STEP 7 - DATA UPLOAD & VISUALIZATION

Post testing, follow the steps below:

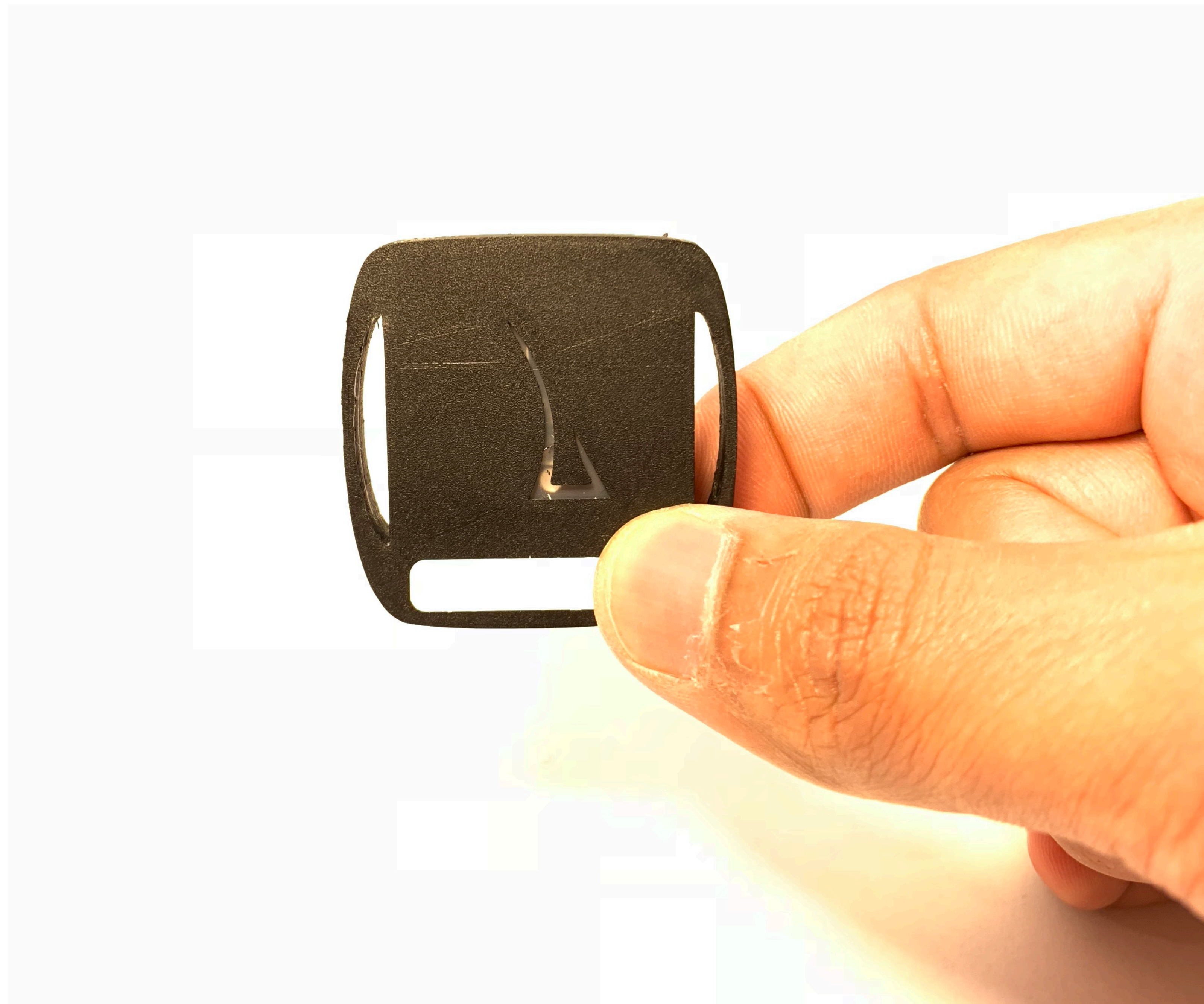
1. Visit Web-App at www.equilibrium.systems & Login
2. Add New User
3. Launch Local Client-App & Login Again
4. Ensure USB Connection to Central Hub
5. Select User
6. Upload Data
7. Revisit Web-App to Access Dashboard, Report & Other Details
8. Visualize Exercises on EQTV ... *shareable link required*



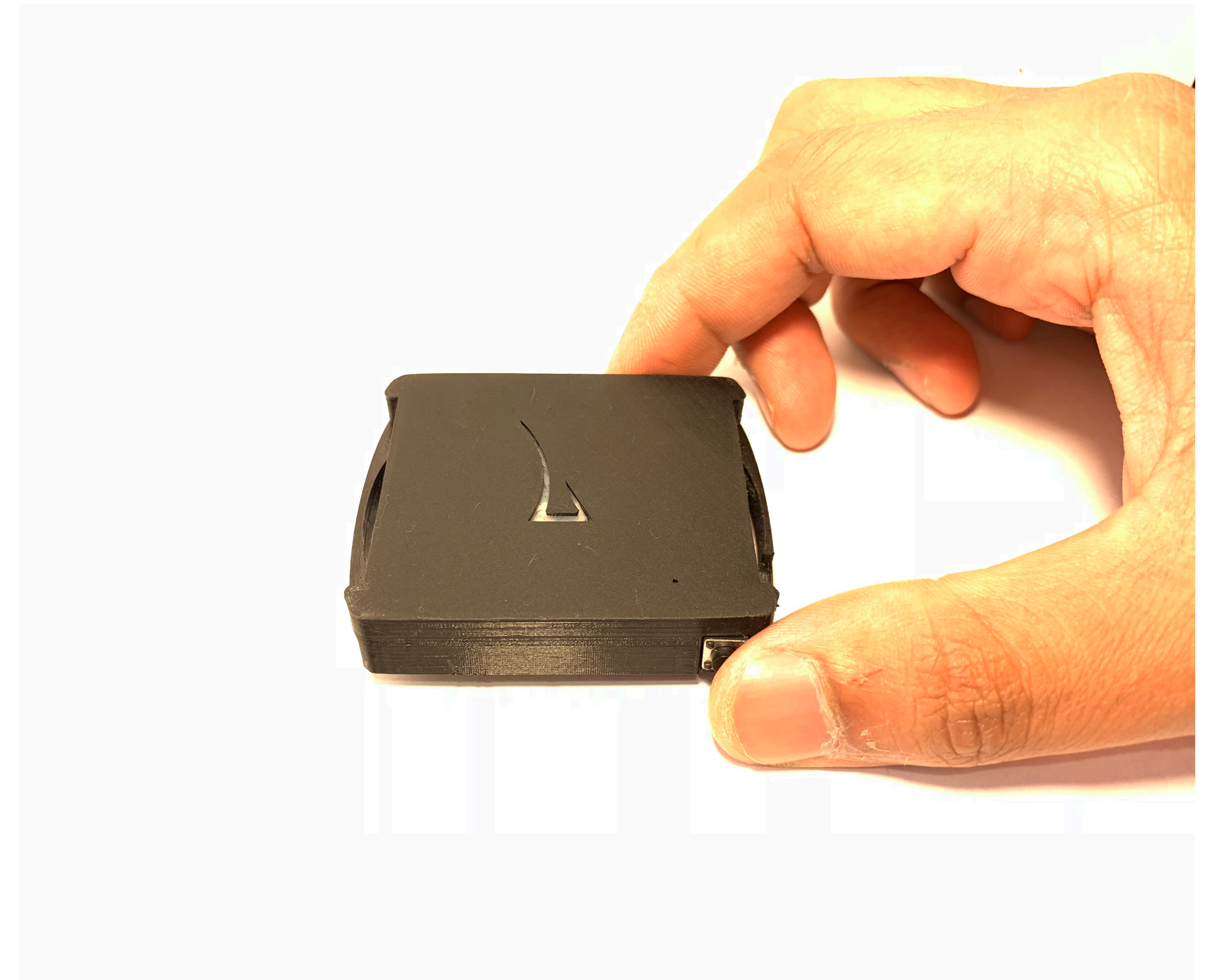
TURNING OFF THE SYSTEM

Power OFF the 12 sensor modules and 1 Central HUB as shown below:

POWER OFF SENSOR MODULE BY LONG
PINCHING AND HOLDING THE BOTTOM RIGHT
CORNER AS SHOWN



POWER OFF CENTRAL HUB BY LONG PRESSING
AND HOLDING THE BUTTON ON THE OUTSIDE AS
SHOWN



TROUBLESHOOTING - LOW POWER MODE

When the battery needs a recharge, follow the steps below:



ON DETECTING LOW POWER, THE SENSOR MODULES ARE ENGINEERED TO TURN **BLUE** IN COLOR, WHICH IN TURN MAKES THE CENTRAL HUB TURN **PURPLE** AND STOP AN ONGOING TRAIL.

IN SUCH A CASE, PLEASE REMOVE 1 CENTRAL HUB AND **ALL 12 SENSOR MODULES** AND FOLLOW THE FOLLOWING STEPS:

1. POWER EACH ONE OFF
2. RECHARGE ALL
3. LAY ALL ON A FLAT SURFACE
4. POWER EACH ONE ON
5. PLACE BACK ON BODY
6. CONTINUE TESTING

TROUBLESHOOTING - SYSTEM INTERFERENCE

When external factors affect operations, follow the protocol below:



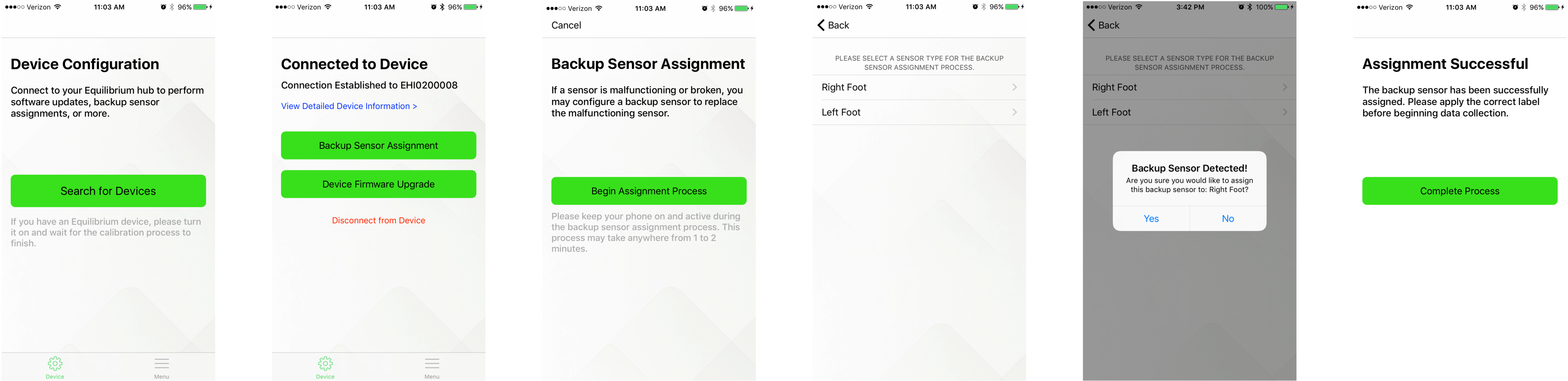
ON DETECTING PROBLEMS, THE SENSOR MODULES AND CENTRAL HUB ARE ENGINEERED TO TURN **PURPLE** IN COLOR AND ABRUPTLY STOP AN ONGOING TRAIL.

IN SUCH A CASE, PLEASE REMOVE THE 1 CENTRAL HUB AND **ONLY THOSE SENSORS MODULES WHICH HAVE TURNED PURPLE** AND FOLLOW THE FOLLOWING STEPS:

1. POWER EACH ONE OFF
2. LAY ALL ON A FLAT SURFACE
3. POWER EACH ONE ON
4. PLACE BACK ON BODY
5. CONTINUE TESTING

TROUBLESHOOTING - BACKUP ASSIGNMENT

If a sensor module or central hub is deemed unusable, follow the steps below:



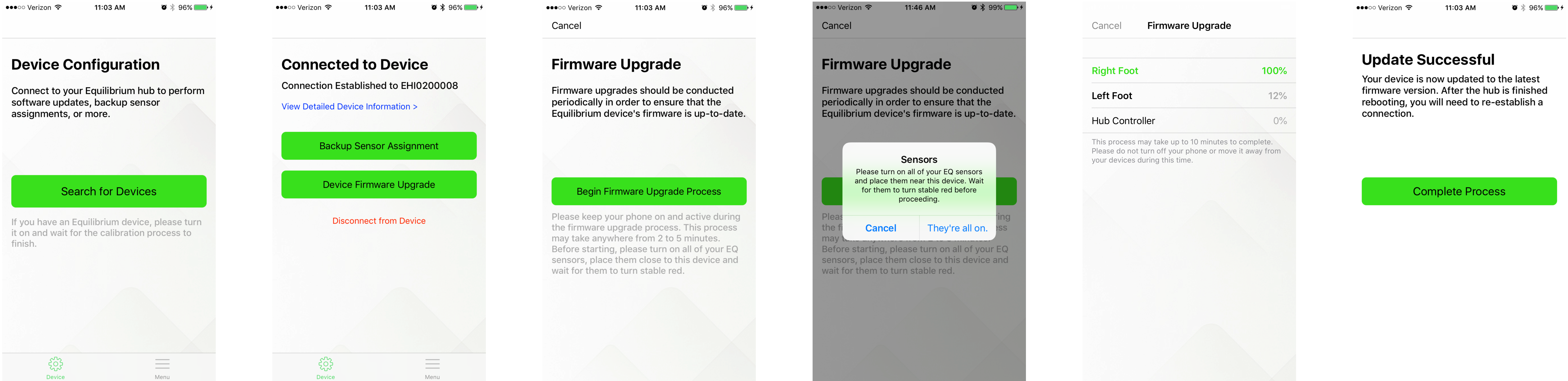
THE EQUILIBRIUM BY VAYU TECHNOLOGY **iOS MOBILE APPLICATION CAN HELP WITH A BACKUP SENSOR ASSIGNMENT.**

ANDROID USERS ARE REQUIRED TO CALL VAYU TECHNOLOGY CUSTOMER SUPPORT IN ORDER TO PROCEED WITH A BACKUP SENSOR ASSIGNMENT.

BOTH iOS AND ANDROID USER CANNOT ASSIGN A BACKUP CENTRAL HUB AND ARE REQUIRED TO CALL VAYU TECHNOLOGY CUSTOMER SUPPORT TO PROCEED.

UPDATE - DEVICE FIRMWARE UPDATE

To access latest hardware features and enhancements, the device firmware needs to be updated:



THE EQUILIBRIUM BY VAYU TECHNOLOGY **iOS MOBILE APPLICATION CAN HELP WITH A DEVICE FIRMWARE UPDATE.**

ANDROID USERS ARE REQUIRED TO CALL VAYU TECHNOLOGY CUSTOMER SUPPORT IN ORDER TO PROCEED WITH A DEVICE FIRMWARE UPDATE

CONTACT US

For further troubleshooting, customer support and related questions:

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