Wiring For Base Station

GND

BAT

USB-C

6SP 001225
110mAh 3.7V

Data Flow

Base Station Receives the Data and sends to Node-Red via MQTT broker Mosquitto

Node-RED

Node-Red posts data to Google Sheets

Google Sheets

Peripheral Device Sends environmental Data to the base station
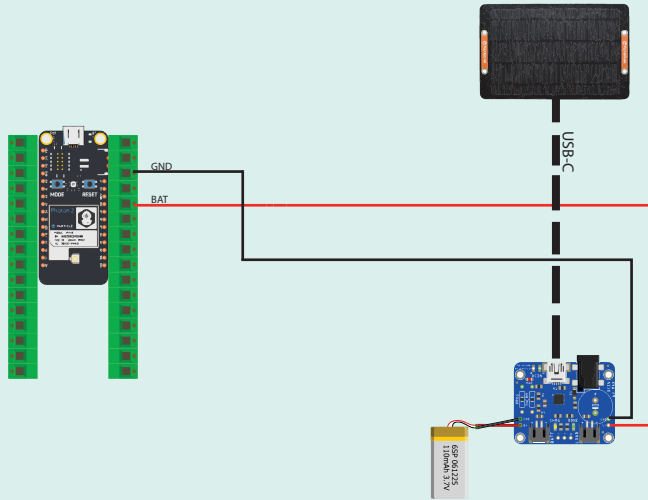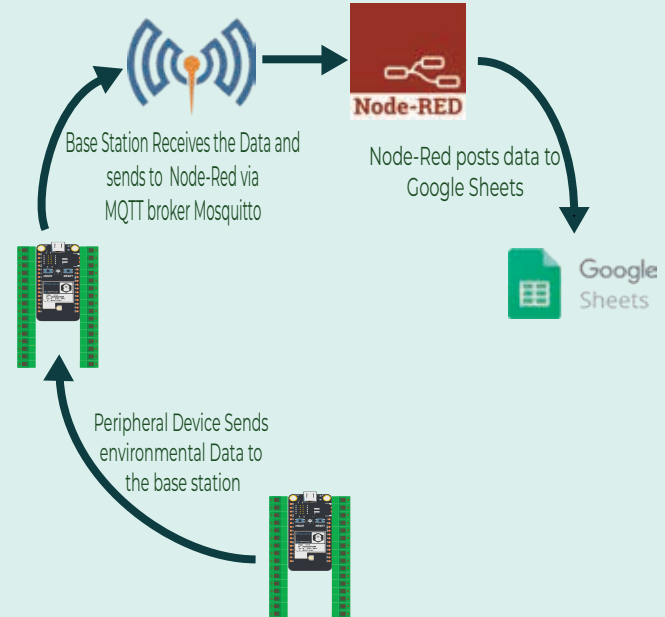
The base station is responsible for aggregating data from each peripheral device using BLE communication, then sending that data to an online dashboard (Node-Red) using MQTT, and ultimately storing those data points in the cloud (ex. Google Sheets).