**Team Meeting 10/17/19**

**Parts Required**

1. 5 Raspberry Pi 4B (4GB)
2. 5 MicroSD (16GB+)
3. 5 Power Supplies
4. 5 HDMI Cables
5. 5 HeatSinks
6. PPM Sensor
7. pH Sensor
8. PAR Sensor
9. LED
10. Tank Gauge Sensor
11. Hygrometer
12. 5 Arduinos of some sort?
13. Connecting cables?

**Individual Milestones**

* Zach
  + PPM Sensor
* Kyle
  + pH Sensor
* Kristi
  + Tank Gauge
* Matt
  + OS Research/Choice
  + Sensors Choice
  + LED/PAR Sensor
* Ethan
  + Hygrometer Sensor
  + Sensors choice
  + OS Research/Choice

**Timeline**

1. Choose Sensors/OS
2. Research Sensor Interface
3. Write/Use drivers for sensors
4. Test Sensors Individually
5. Integrate Sensors into one raspberry pi
6. Testing under new environment
7. Collect Data into one format (CSV, JSON, etc..)
8. Connect RPi to 802.11
9. Send data to server
10. Test data flow
11. Write API
12. Connect to decisionmaker
13. Test controls from decisionmaker