

System Map

Controller 1:

Inputs:

- 120V input
- pH sensor (in fish tank)
- Waterproof temperature sensor (in fish tank)

Outputs:

- Relay 1: AC water pump control

Controller 2:

Inputs:

- 120V input
- Humidity / Temp sensor (in the air, near plants)
- Light sensor (hanging near plants)

Outputs:

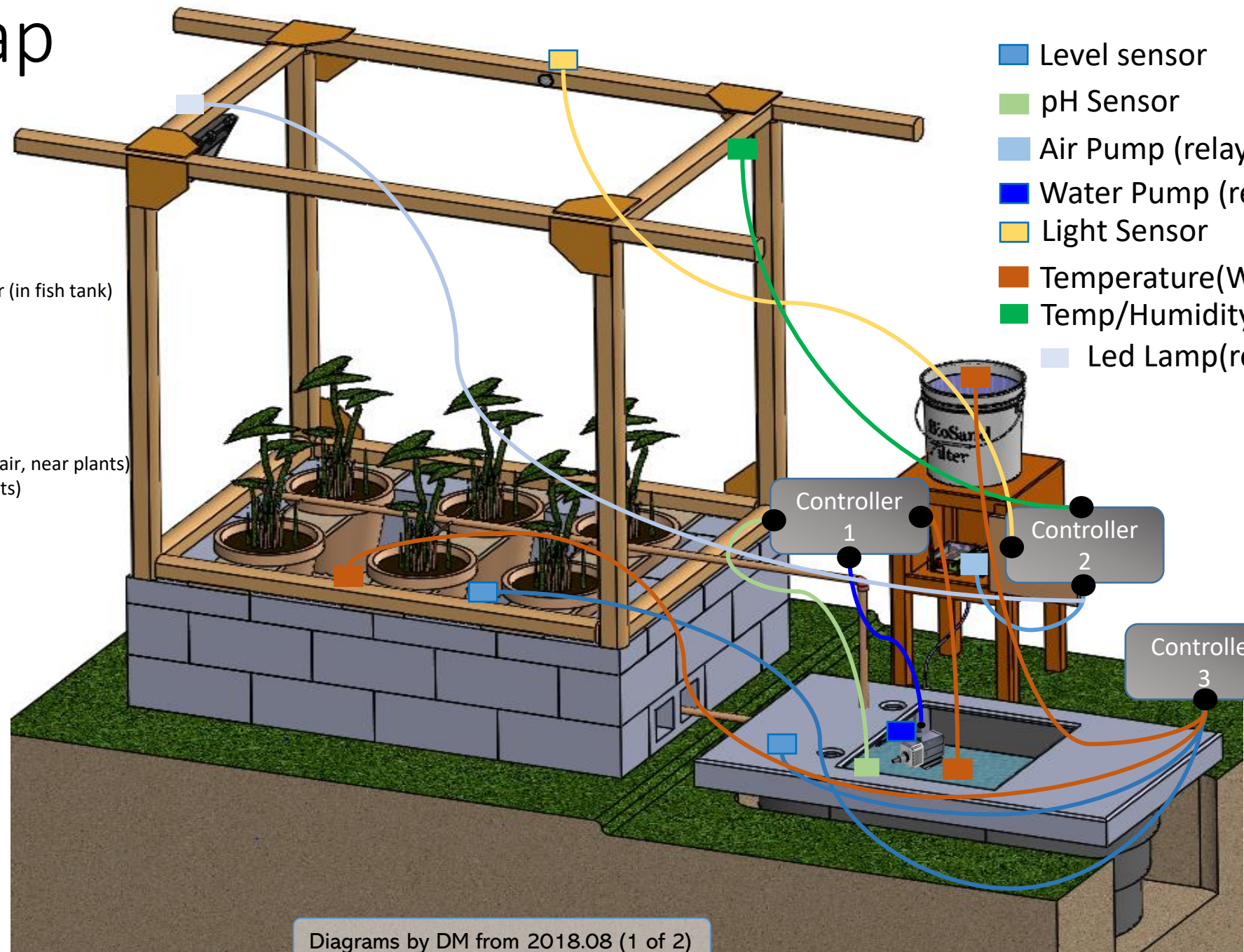
- Relay 1: AC air pump control
- Relay 2: Led Lamp

Controller 3:

Inputs:

- 120V input
- Level Sensor(in fish tank)
- Level Sensor(in grow bed)
- Light sensor (swirl filter)
- Temperature(grow bed)

- Level sensor
- pH Sensor
- Air Pump (relay)
- Water Pump (relay)
- Light Sensor
- Temperature(Waterproof)
- Temp/Humidity
- Led Lamp(relay)



System Wiring Map

