Requirements:

Software

* Serial Communication (in/out)
  + Output:
    - Light On/Off
    - Current Temp
    - Desired Temp
    - Pump On/Off
    - Current Humidity
    - Desired Humidity
    - Tank Fluid Level
    - Overflow water sensor
  + Input
    - Mist on/off
    - Light on/off
    - Hardware
    - Light Relay
    - Pump Relay
    - Water Overflow Sensor
    - Humidity Sensor
    - Temp Sensor
    - Water Level Sensor