**Water Sensor Wiring:**

* Water Sensor Signal to Arduino A0
* Water Sensor +5V to Breadboard +5V
* Water Sensor GND to Arduino GND

**The LCD Wiring:**

* LCD PIN 1 to Breadboard GND
* LCD PIN 2 to Breadboard +5V
* LCD PIN 3 to Potentiometer VOUT
* LCD PIN 4 to Arduino PIN 12
* LCD PIN 5 to Breadboard GND
* LCD PIN 6 to Arduino PIN 11
* LCD PIN 7-10 no connection
* LCD PIN 11 to Arduino PIN 5
* LCD PIN 12 to Arduino PIN 4
* LCD PIN 13 to Arduino PIN 3
* LCD PIN 14 to Arduino PIN 2
* LCD PIN 15 to Breadboard +5V
* LCD PIN 16 to Breadboard GND

**Potentiometer Wiring:**

* Potentiometer PIN VOUT to LCD PIN 3
* Potentiometer +5V to Breadboard +5V
* Potentiometer GND to Breadboard GND

**DHT11 Wiring:**

* DHT11 VCC to Breadboard +5V
* DHT11 Out to Arduino PIN 8
* DHT11 GND to Breadboard GND
* Resistor bridging DHT11 VCC with DHT11 OUT

**The Motor and Fan:**

* Motor Power

**Other Wiring:**

* Arduino GND to Breadboard GND
* Arduino +5V to Breadboard +5V