

1. **LED1**(+12V)🡪 Q1relay-In4- pin30

2. **GND**

3. **Motion\_detector\_2** (VCC) 🡪 **VCC**  (5Volt)

**Analog\_intesity\_ligh\_sensor** (VCC) 🡪 **VCC**  (5Volt)

**Motion\_detector\_1** (VCC) 🡪 **VCC**  (5Volt)

4. **Motion\_detector\_2** (OUT) 🡪 **pin 5** ( arduino )

5. **Motion\_detector\_2** (GND) 🡪 **GND**

**Motion\_detector\_1** (GND) 🡪 **GND**

**DHT11** (GND) 🡪 **GND**

**Waterproof\_soil\_temprature\_sensor** (GND) 🡪 **GND**

6. **Fan** (PWM) 🡪 **pin 3** ( arduino )

7. **Motion\_detector\_1** (OUT) 🡪 pin 4 ( arduino )

8. **GND**

9. **Step\_motor**(VCC) 🡪 **VCC**  (5Volt)

10. **DHT11** (VCC) 🡪 **VCC** (5Volt)

11. **DHT11** (DATA)🡪 **pin 2** ( arduino )

12. **Soil**  **Moisture\_detection** (+)

13. **Soil Moisture\_detection** (-)

14. **Fan** (+12V) 🡪 Q1relay-In1- pin31

15. **Waterproof\_soil\_temprature\_sensor** (DATA) 🡪 **pin 52** ( arduino )

16. **Waterproof\_soil\_temprature\_sensor** (VCC)🡪 **VCC**  (5Volt)

17. **Temprature\_sensor \_exterior** (S/DATA) 🡪 **pin 53** ( arduino )

18. **Temprature\_sensor\_module** (VCC) 🡪 **VCC**  (5Volt)

19. **Motor** (IN1) 🡪 **pin 11** ( arduino )

20. **Motor** (IN2) 🡪 **pin 10** ( arduino )

21. **Motor** (IN3) 🡪 **pin 9** ( arduino )

22. **Motor** (IN4) 🡪 **pin 8** ( arduino )

23. **Analog\_intesity\_ligh\_sensor** (DATA)🡪 **pin Α1** ( arduino )

24. **GND**

25. **LED2**(+12V)🡪 Q1relay-In3- pin32