Step 1 - Download Arduino IDE and paste the source code and upload it into the Arduino.

A green and white rectangle with black text

Description automatically generated at the top left corner of the IDE. A screenshot of a computer

Description automatically generated

Will look like this after uploading

A screenshot of a computer

Description automatically generated

**Open the serial monitor and wait for the dots to go.**

A diagram of a circuit board

Description automatically generated

Step 2 - The above image shows how the circuit should be connected, as for the sensor (white globe looking thing) it takes 30 secs to warm up ( it shows on the serial monitor on the Arduino IDE)

Wires are loose and might get disconnected so a simple instruction of how to reconnect.

Step 3 - While connecting wires for sensor, red is in the middle and black goes to the negative side on breadboard and the remaining one to pin 3 on Arduino. The servo motor white wire connects to green and goes to pin 5 and servo red goes to red positive and the other to negative.

As for flashing lights, as mentioned earlier in our discussions that rotating lights wont work perfectly due to entanglement of wires, hence I have had to work around it by connecting only one led light since its a prototype (proving concept). Thus, the idea is using the taped led connect it to the fan of the motor and light will flash around (try not to tangle the wires).

Step 4 - As for buzzer, it can get very loud so for now it’s a simple not so loud buzz. Red wire of buzzer goes to 8 and black to negative.

Step 5 - Led black wire goes to negative and red to pin 2 on Arduino.

Follow the diagram above if wires come off. Don’t forget to connect the ground of Arduino to the negative on breadboard and 5v to positive.