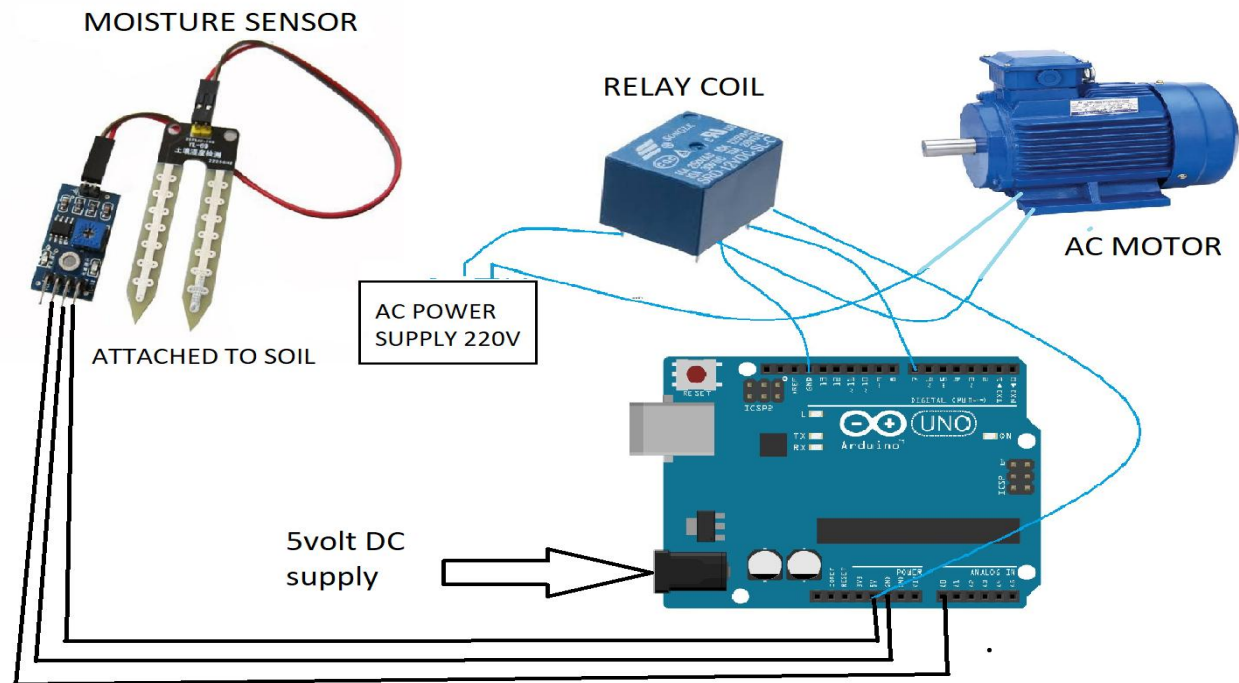


ARDUINO CONNECTIONS



This is the proposed circuit which we will be using in our project with little bit more up gradation. Here, in this diagram we can see there is a moisture sensor which is attached to the soil and will send the analog signal to the (Ao) pin of the arduino with other two pins Vcc=5V & GND pin. And there is a relay coil which is connected to the arduino and 220V AC supply, and after getting the signal from arduino relay coil will start the AC motor. Relay coil is attached to the digital pin no 7 and GND of arduino and another one is connected to the 220V power supply.

IN FUTURE WE ARE PLANNING TO ADD GSM MANUAL CONTROL FOR THE FARMER'S CONVENIENCE, SO THAT THE SYSTEM CAN BE OPERATED VIA SMS