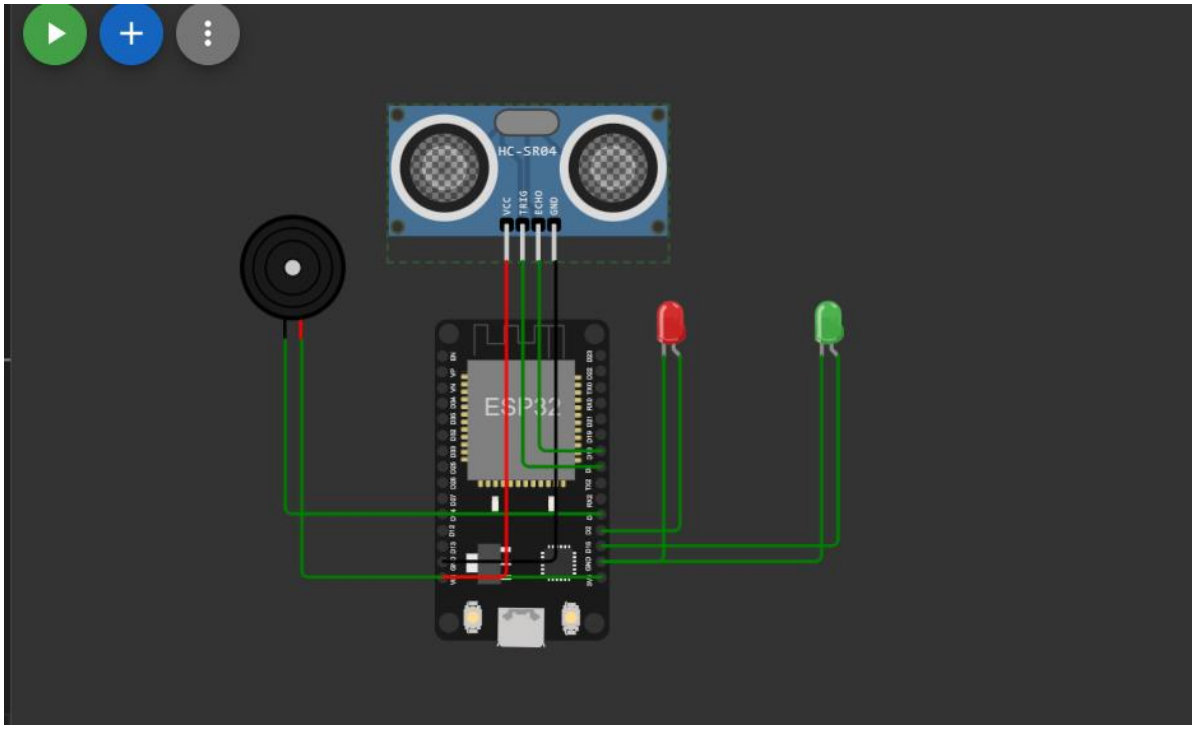
SMART WATER MANAGEMENT

Date	**21-10-2023**
Team ID	**666**
Project Name	**SMART WATER MANAGEMENT**
Team Name	**Proj_223434_Team_2**

SOURCE CODE:

```
void setup() {
  pinMode(15, OUTPUT);
  pinMode(2, OUTPUT);
  pinMode(4, OUTPUT);
  pinMode(5, INPUT);
  Serial.begin(9600);
}
void loop() {
int a;
 a=digitalRead(5);
Serial.println("a value:");
Serial.println(a);
delay(1000);
if (a==1){
  digitalWrite(15,HIGH);
    digitalWrite(2, LOW);
    digitalWrite(4, HIGH);
  }
else{
  digitalWrite(15, LOW);
  digitalWrite(2, HIGH);
}
}
```



CONCLUSION:

Overall, a smart water management project using IoT technology is a powerful tool for addressing water scarcity, quality control, and sustainable resource management, benefiting both communities and the environment.

Thus, we have completed our project up to now we placed ultrasonic sensor which sense the water level in the tank. If the water level is higher than the range, red LED act as an indicator which glows and buzzer gives the beep sound. Whereas green LED glow if water level is lesser than the given range. By expanding its capabilities, it can significantly contribute to data-driven decision-making and real-time water management system.