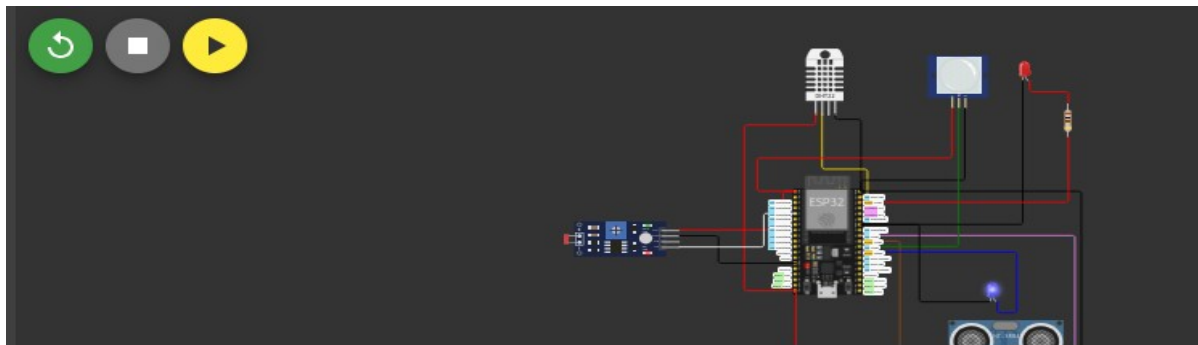


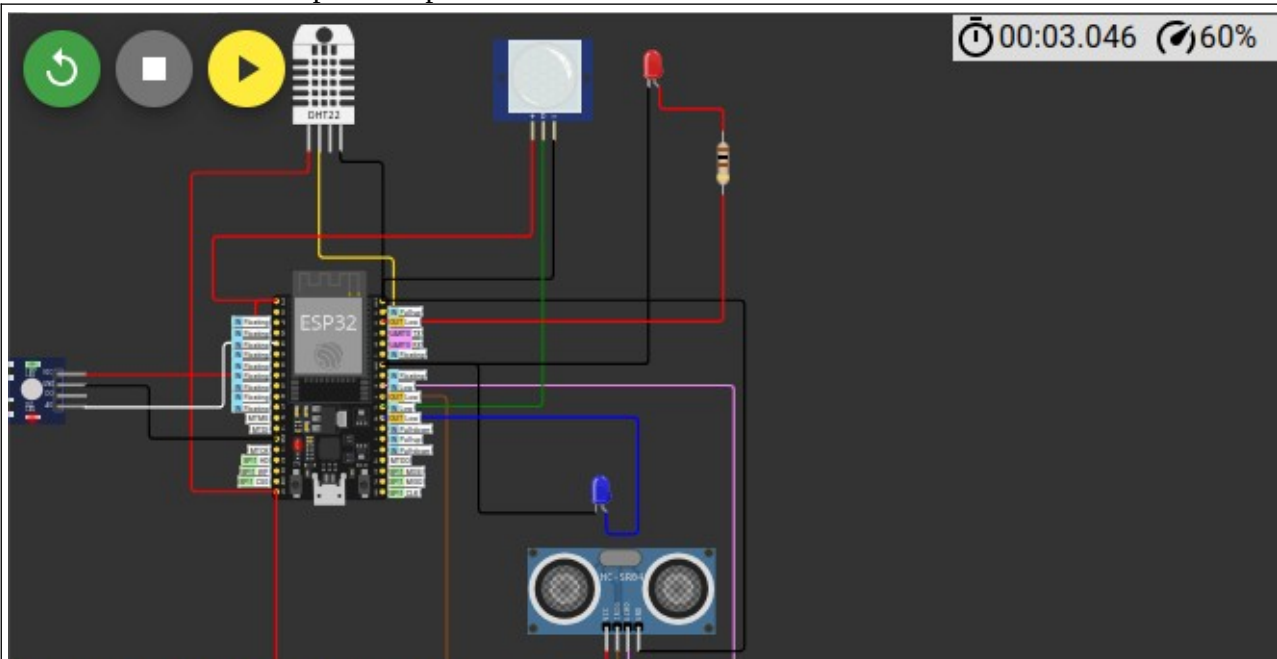
Teste 01



```
load:0x3fff0030,len:1156
load:0x40078000,len:11456
ho 0 tail 12 room 4
load:0x40080400,len:2972
entry 0x400805dc
Umidade: 40.00% Temperatura: 24.00°C
Temperatura ideal. Mantendo irrigação estável.
Sistema de Irrigação LIGADO.
Reservatório Nível: 400.00cm Capacidade: 50.00%

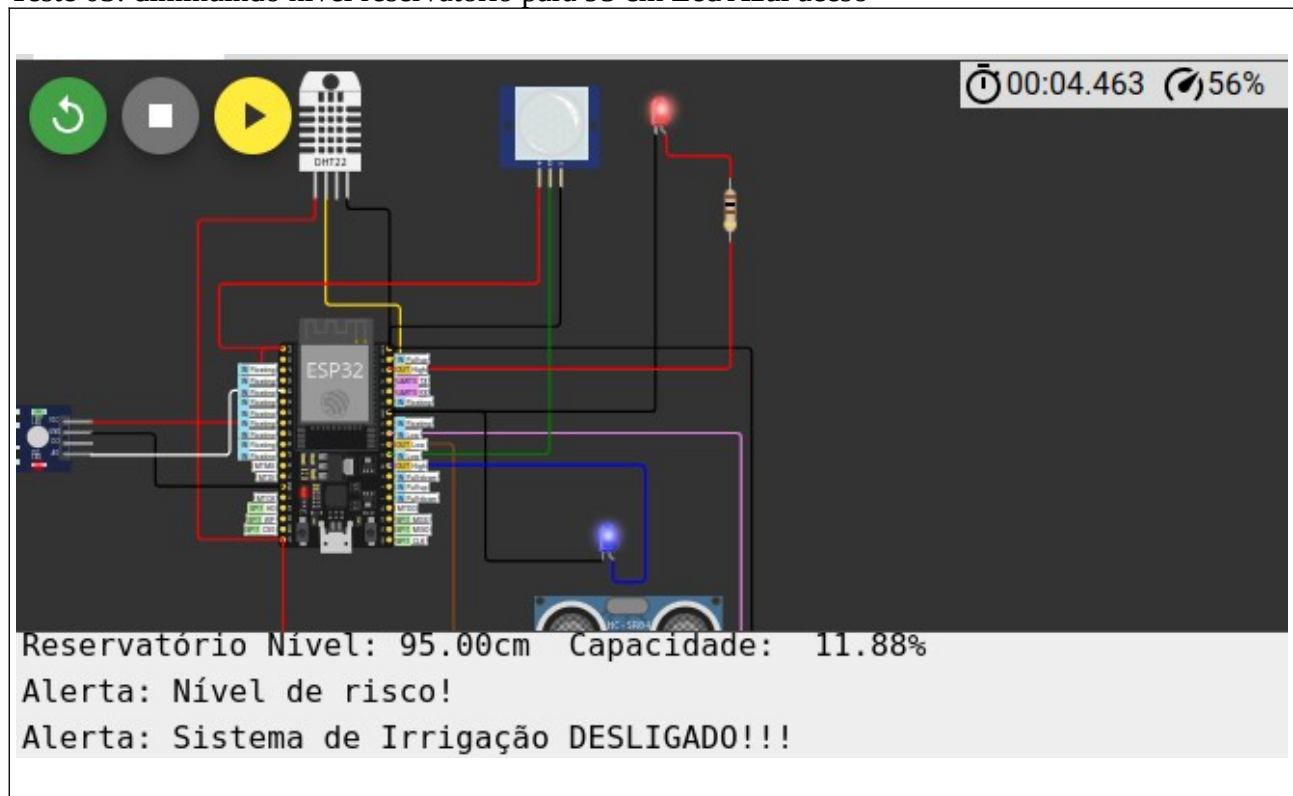
Nível de Luz: 1001
Ensolarado. Irrigação mais longa = 3s
```

Teste 02 aumentado temperatura para 35° C

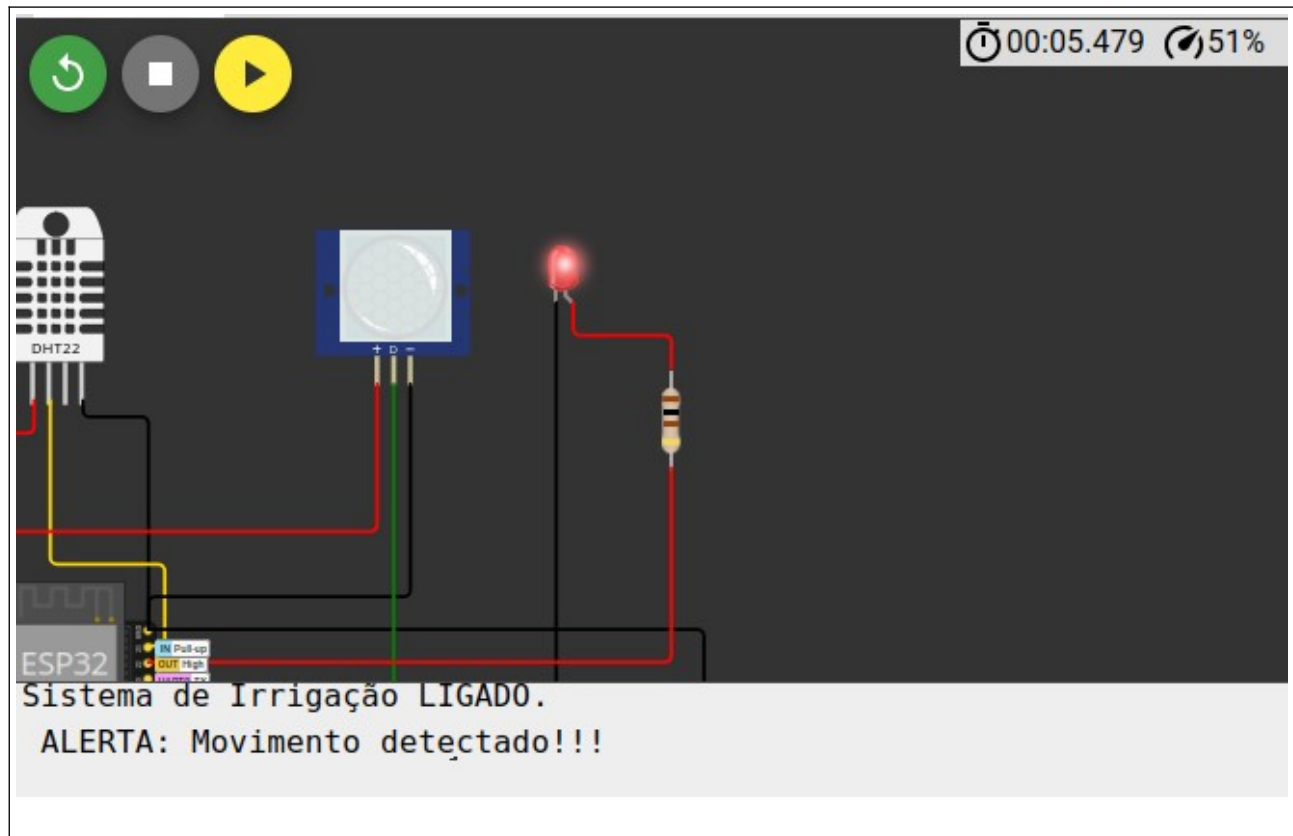


```
load:0x40080400,len:2972
entry 0x400805dc
Umidade: 40.00% Temperatura: 35.00°C
Temperatura acima do ideal.
Tempo de irrigação mais longo 3s
```

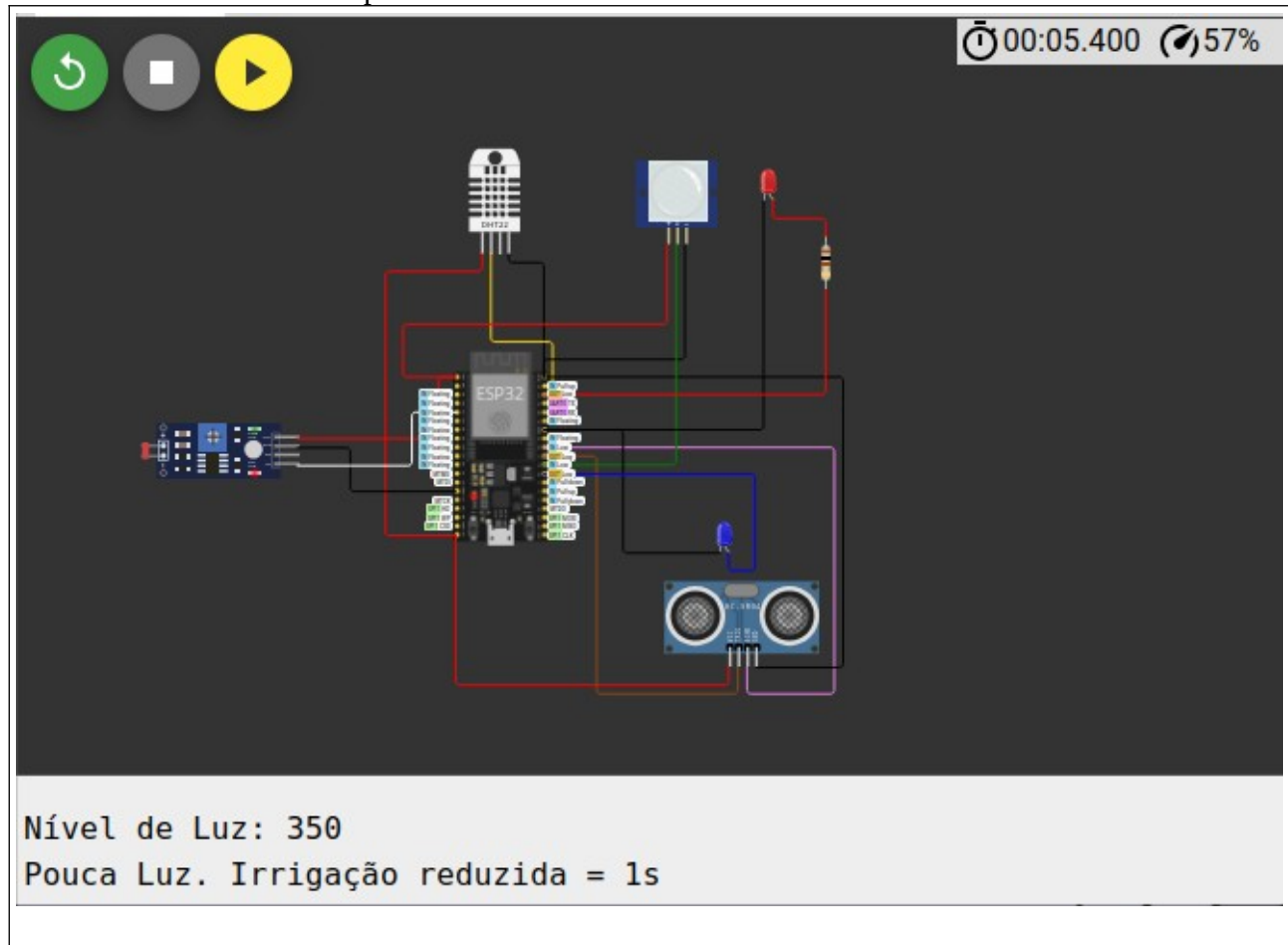
Teste 03: diminuindo nivel reservatório para 95 cm Led Azul aceso



Teste 04: sensor PIR detectando movimento acendendo LED vermelho



Teste 05: Diminuindo a luz para 350



The screenshot displays a simulation of a smart irrigation system. At the top, there are three circular control buttons: a green one with a circular arrow, a grey one with a square, and a yellow one with a play symbol. In the top right corner, a timer shows '00:05.400' and a battery icon indicates '57%' charge. The central part of the interface shows a detailed wiring diagram of an ESP32 microcontroller. It is connected to a DHT22 temperature and humidity sensor, a blue square light sensor, a red LED, and a blue dual-channel relay module. A small blue potentiometer is also connected to the ESP32. The bottom section of the interface has a light grey background and contains the following text:

Nível de Luz: 350
Pouca Luz. Irrigação reduzida = 1s