

Project by: Attallah, Osama Haiyl Attallah (27355) and Ojukwu, Henrydon Onyeka (28057)

# AUTOMATED IRRIGATION SYSTEM

## INTRODUCTION

## MATERIALS & METHODS

## RESULTS

## DISCUSSION

## REFERENCES

**ESP32 WROVER MODULE** :<https://forum.fritzing.org/t/esp32-devkit-c-v4-38-pin/13411/2>

### DHT11

**MODULE**:<https://arduinomodules.info/download/ky-015-temperature-humidity-sensor-module-zip-file/>

### CAPACITIVE SOIL MOISTURE

**SENSOR**:<https://github.com/OgreTransporter/fritzing-parts-extra>

**POWER SUPPLY MODULE**:<http://omnigatherum.ca/wp/?p=262>

**RELAY MODULE**:<https://forum.fritzing.org/t/kf-301-relay-request/7992/13>

### OLED SSD1306

**MODULE**:<https://github.com/brucetsao/Fritzing/blob/master/Module%20display%20OLED%20I2C%20128x64%20SSD1306.fzpz>

### SUBMERSIBLE WATER PUMP MOTOR:

<https://forum.fritzing.org/t/water-pump-motor-part-here/12667>

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Last update: **2023/01/05 14:38**

