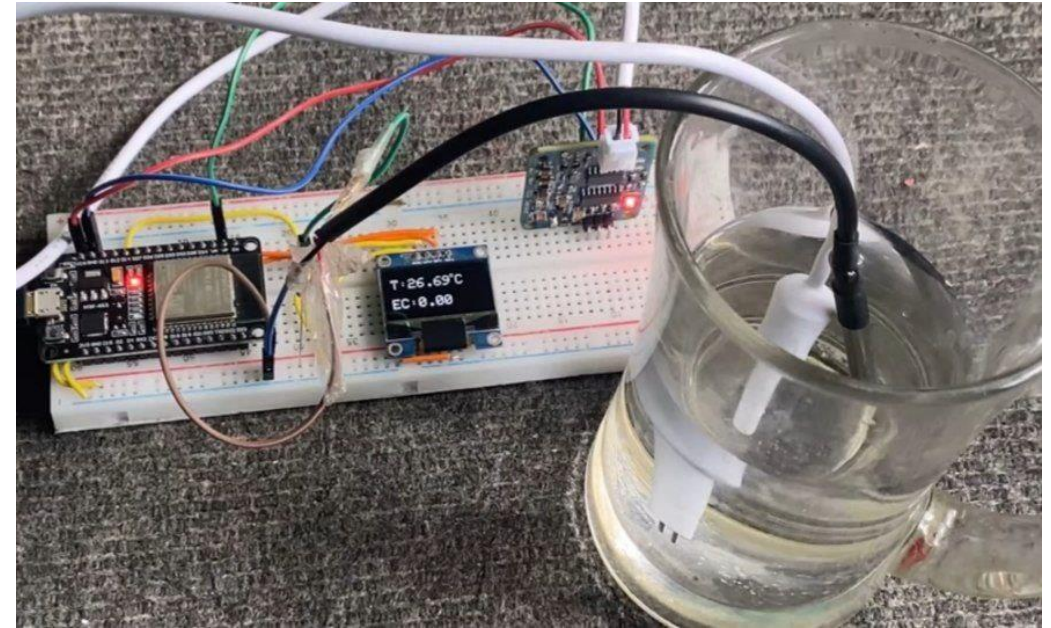


INTRODUCTION

Drinking Water Quality Monitoring System



Galgotias University
Btech CSE 1st year

Team Members :-

- | | | |
|----|----------------|---------------|
| 1. | Yash Faujdar | 23SCSE1011264 |
| 2. | Aditya Bansal | 23SCSE1010264 |
| 3. | Sahil | 23SCSE1011256 |
| 4. | Aman Yadav | 23SCSE1011985 |
| 5. | Aditya Solanki | 23SCSE1012096 |

Is Your Water
Safe?



whole new mom

Drinking Water Quality Monitoring System

❖ IMPORTANCE

Access to clean and safe drinking water is a fundamental human right.

Drinking Water Quality Monitoring System

❖ IMPORTANCE

Access to clean and safe drinking water is a fundamental human right.

❖ PURPOSE

Today, we'll explore the challenges, technology, and impact of water quality monitoring.



Drinking Water Quality Monitoring System

❖ CHALLENGES

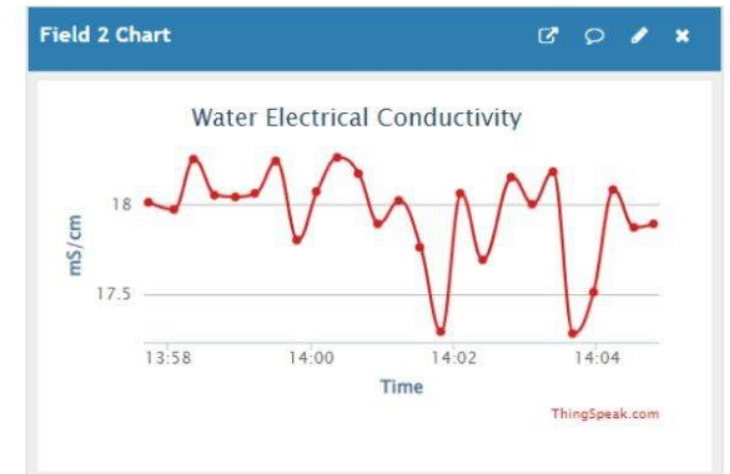
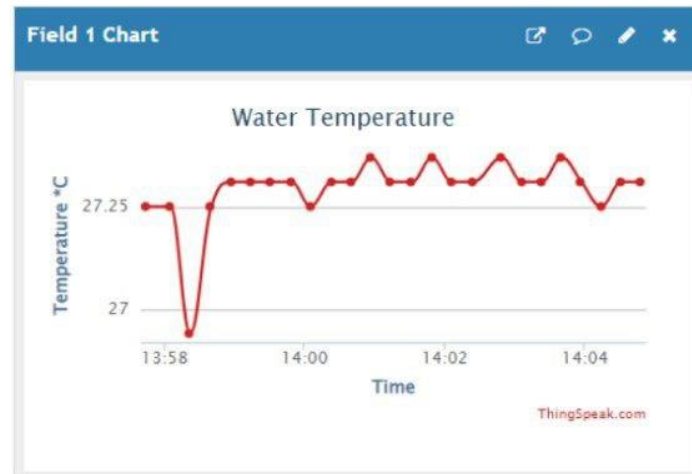
- Contaminated water can lead to severe health risks and diseases
- Water can be contaminated with bacteria, heavy metals, chemicals, and more
- Consuming unsafe water can result in illnesses, such as cholera and lead poisoning.



THE SOLUTION

The Drinking Water Quality Monitoring System IS THE SOLUTION TO THESE CHALLENGES

It continuously assesses
Water Quality to ensure
it meets safety standards



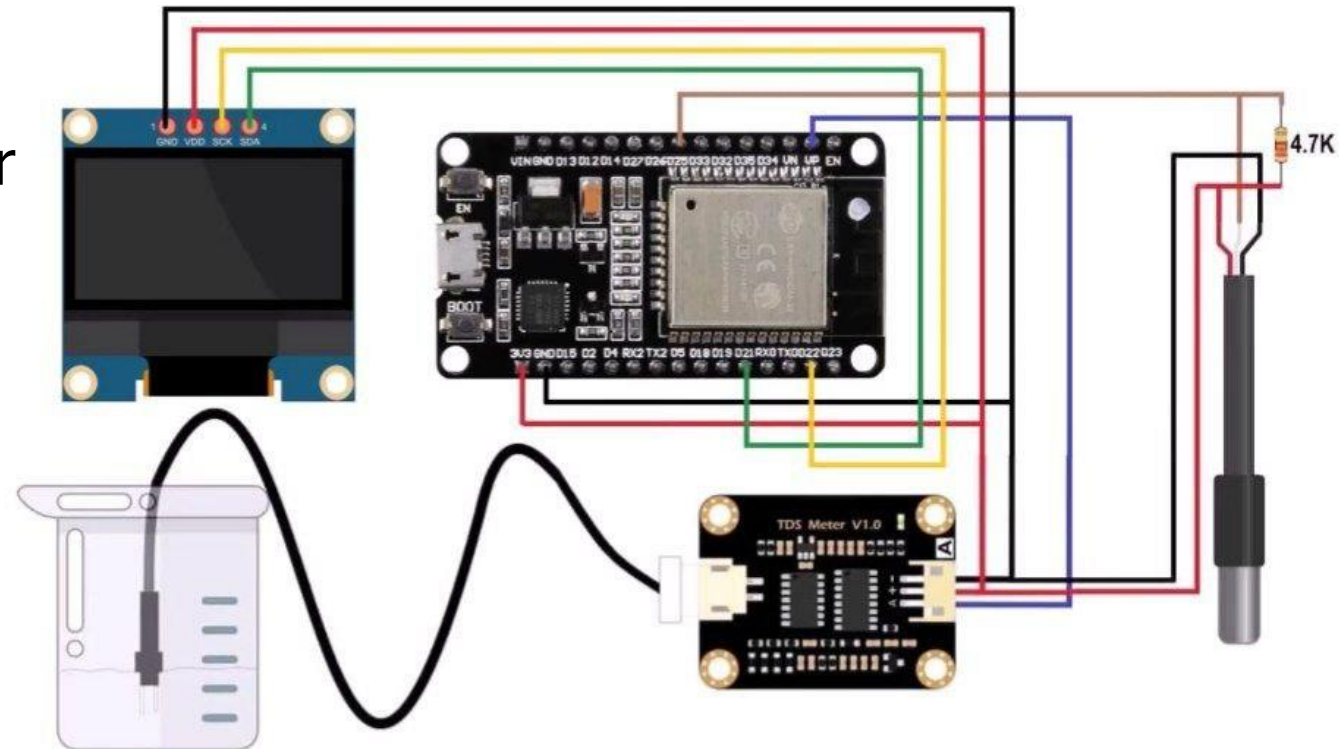
THE TECHNOLOGY

❖ HARDWARE

- Analog TDS Sensor
- DS18B20 Temperature Sensor
- OLED Screen
- Breadboard
- Resistor

❖ SOFTWARE

- ESP32
- Thingspeak Server



THE CONCLUSION

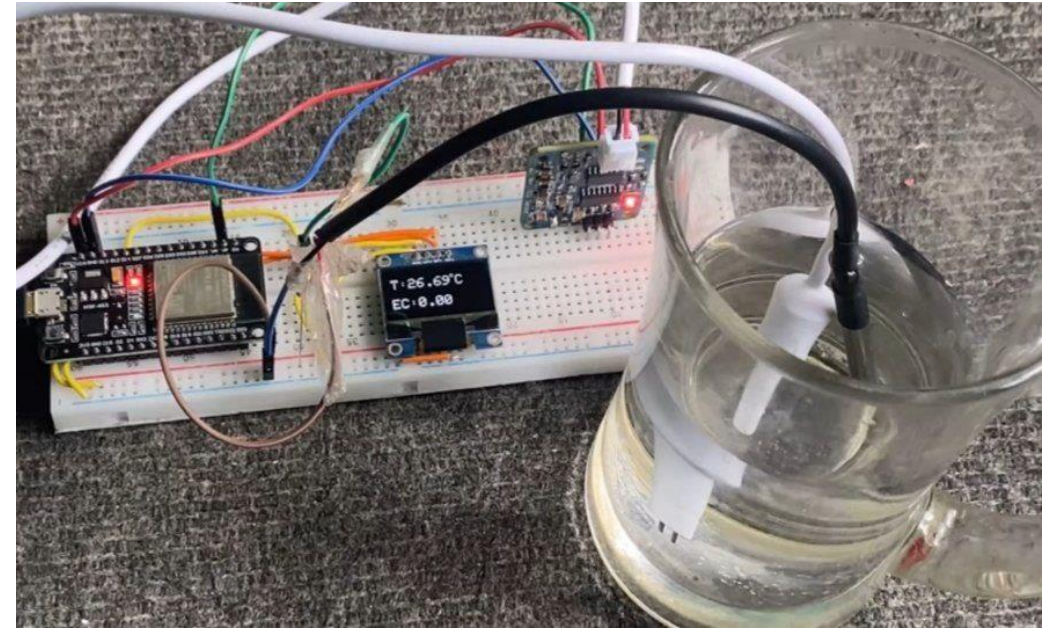
“Drinking **Water Quality
Monitoring Systems**

play a vital role in ensuring **safe and **clean**
drinking **water** for all”**

Drinking Water Quality Monitoring System

**Thank You
For Your Attention**

Now, we're open to any questions you may have.



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