

# AQUASENSE

EFFICIENT WATER MANAGEMENT WITH IOT INTEGRATION



Internet of things

IOT



# CONTENT

Introduction

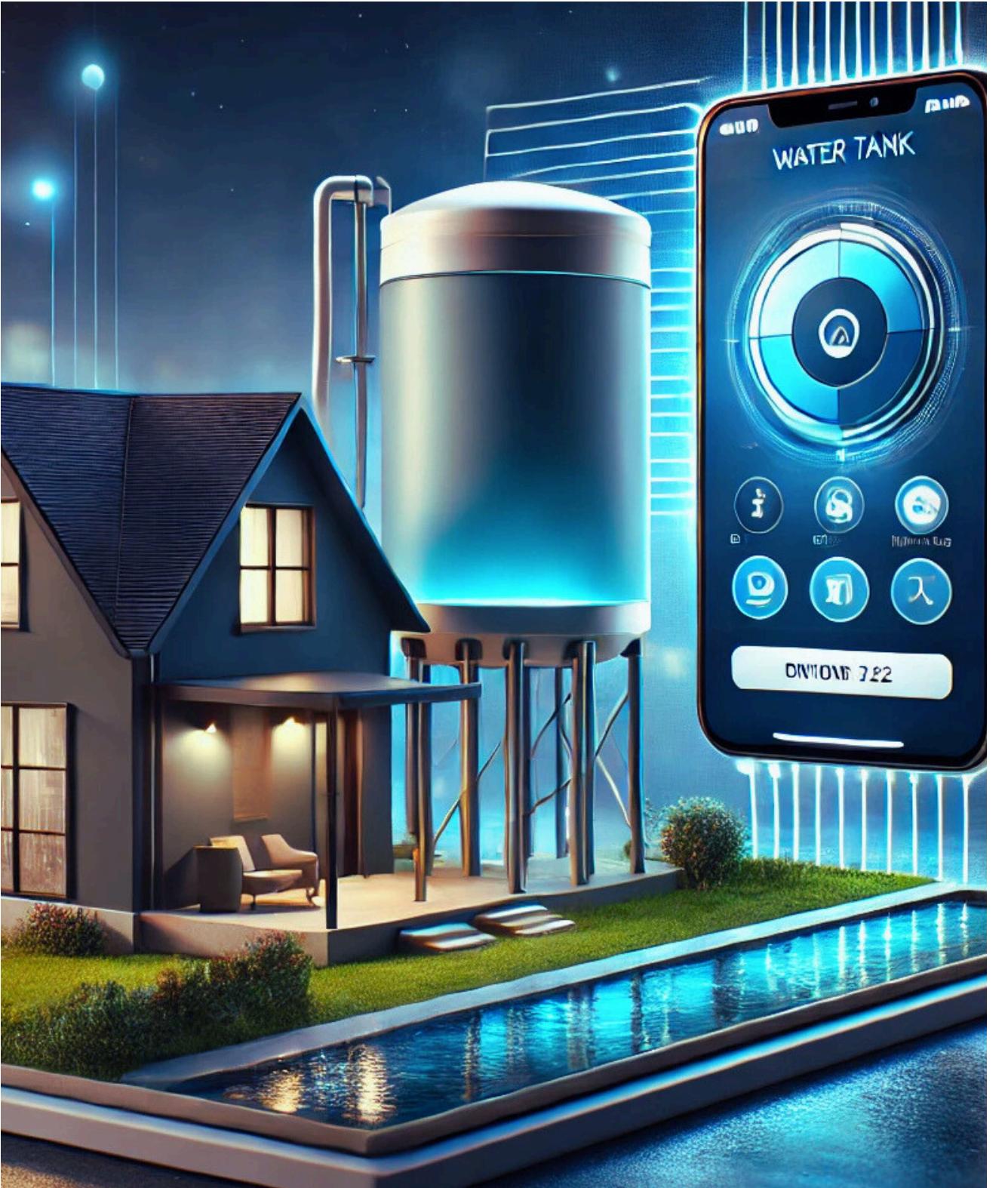
Sensors and actuators used

Arduino Program

AquaSense

Demonstration

Conclusion



# INTRODUCTION

The **Smart Water Tank System** brings efficient water management to your fingertips. With real-time water level monitoring and remote motor control via a mobile app, it prevents overflow and underfill.

Plus, a manual mode ensures uninterrupted use even without Wi-Fi. Save water, time, and effort effortlessly.

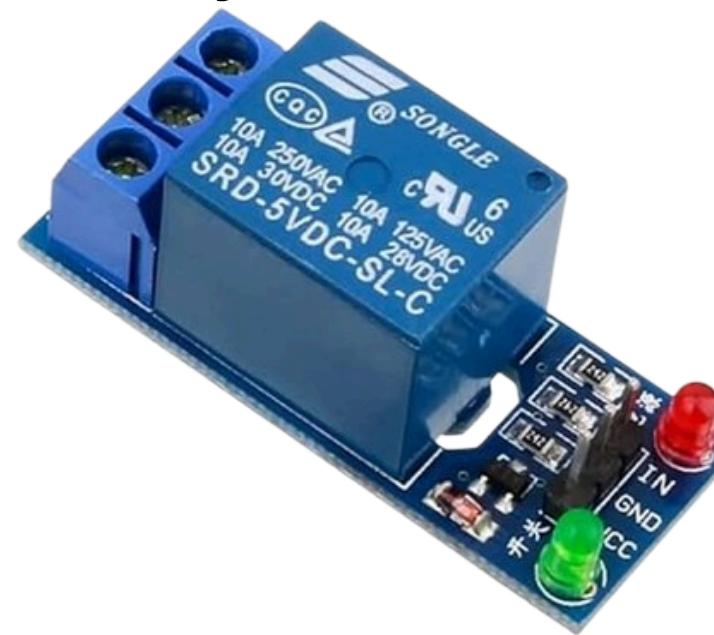
# SENSORS AND ACTUATORS USED



Two Nodemcu  
Boards(ESP8266)



Two Micro USB Cables



Relay Module



Ultrasonic sensor



Power adapter

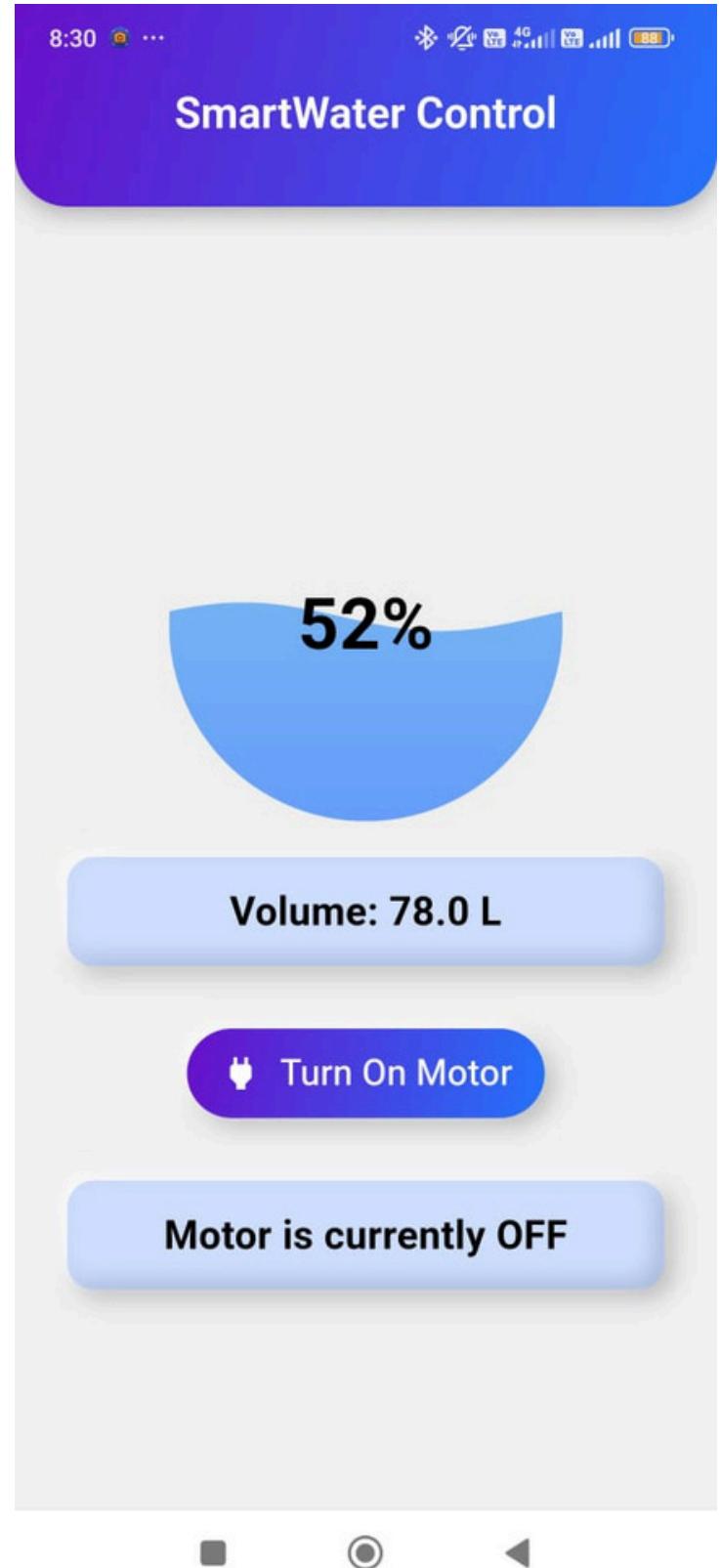


2 Way switch



# ARDUINO PROGRAM

# AQUASENSE



# DEMONSTRATION



# CONCLUSION

In conclusion, the Smart Water Tank System represents a significant advancement in efficient water management through the innovative integration of IoT technology. By enabling real-time monitoring and automated control, our system effectively minimizes water wastage and enhances resource utilization.

# THANK YOU

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HNDSE241P-004

