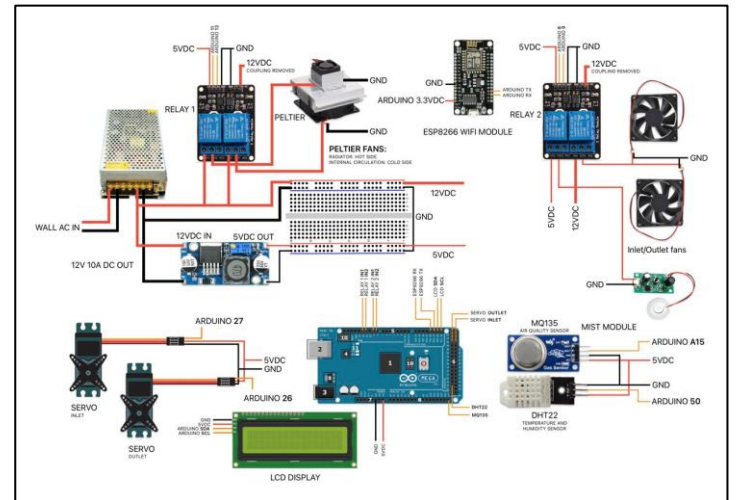# IoT-Based System for Real-Time Monitoring and Control of FRUIT Storage Conditions
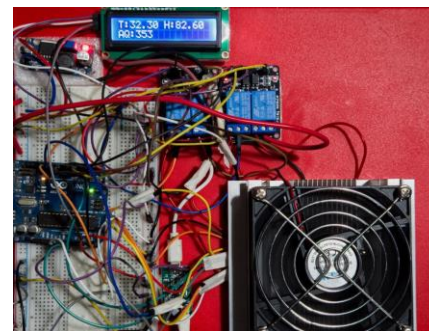
OBJECTIVES

- Reduce fruit spoilage
- Monitor storage conditions
- Automate misting & cooling
- Ensure low-cost design
- Enable remote monitoring

KEY FEATURES

- DHT22 & MQ135 sensors
- Arduino-based control
- Relay-driven mist & fan
- LCD for live display
- ESP8266 for Wi-Fi
- Compact & scalable setup

Circuit Design

Hardware Implementation

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EEE 416 – Microprocessor and Embedded Systems Laboratory
Jan 2025 Level-4 Term-I Section B1 Group 06

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