**Text/Email Alerts via Cellular Modem**

**ESP32**

**Temp Sensor**

**Notification**

**LEDs**

**Firmware**

**User**

**Bluetooth Device Setup**

Onsite personnel receive text/email alerts upon activation of LEDs

Based on temp sensor readings, if temp is fluctuating out of range, an LED will turn on to alert personnel

Firmware sends instructions to ESP32 to properly process data

ESP32 controls temp sensor activity and readings and processes obtained data

User utilizes Bluetooth to set up initial configuration of device

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User responds to text/email alerts and eventually reconfigures device setup

ESP32 processes instructions by firmware

Firmware allows for Bluetooth configuration and connection

Temp sensor sends temp reading to ESP32 to be processed