**manual for setting up the environment**

**1. Install Software which are required(Arduino IDE, Tensor flow)**

1.1 Install Arduino IDE

1.2 Add ESP32 Board

1.3 Installing Libraries(LittleFS)

1.4Setting Up LittleFS for ESP32

**2. Hardware Setup**

2.1 Components needed

2.2 Connect Hardware to require components

**3. Code Setup**

3.1 Implementing Sensor Simulation

3.2 Setting Up Wake-up Mechanism

3.3 Time Management

**4. Testing**

**5. Debug the whole setup**