

## PROJECT DEVELOPMENT PHASE

### SPRINT 2

Team ID	PNT2022TMID51070
Project Name	Industry-Specific Intelligent Fire Management System

The screenshot shows the Arduino IDE interface. The top bar includes the 'WOKWI' logo, a 'SAVE' button, a 'SHARE' button, and a 'Sprint - 2' indicator. Below the top bar, there are tabs for 'esp32-dht22.ino', 'diagram.json', 'libraries.txt', and 'Library Manager'. The main editor area displays the code for 'esp32-dht22.ino', which includes headers for time, WiFi, and PubSubClient, and defines constants for ORG, DEVICE\_TYPE, DEVICE\_ID, and TOKEN. The code sets up a WiFi client and a PubSubClient, and defines variables for temperature, gas, and flame status. The simulation window on the right shows a 3D model of an ESP32 module with the text 'ESP32' on it. Below the model, the simulation output shows the following text: 'Connecting to Wifi.WiFi connected, IP address: 10.10.10.10', 'Reconnecting MQTT client to wt19pm.messaging.internetofthings.ibmcloud.com', and a series of 'Publish OK' messages.