Start a Job

Asynchronous Relay Daemon

Response (JSON)
- Gas Sensor Data
- Job Timing Data

GET /live-data
(every 1 secs)

POST /update
- Update Job #
- Update Equipment #

RPi

UART

USB-B

Arduino Uno

LCD Shield

Live Data

Web Application

Server Daemon

CSV Files

Gas Sensors

Time, Start/Stop Job, SOS, Gas Levels

System Architecture - SafeSpace