Problem-Solution fit canvas 2.0

1. CUSTOMER SEGMENT(S) `CS`

'things' that allows physical items to communicate data by using sensors, electronics, software, and networking . At the same time, informative messages would be displayed on the LCD for manual control

6. CUSTOMER CONSTRAINTS `CC`

Innovative ideas ,informative messages,versatile,design implementation, Required components and services.

5. AVAILABLE SOLUTION `AS`

Smoke and gas sensors can also be connected to
Data can be used to minimise industrial dangers in high-profile.

2. JOBS-TO-BE-DONE / PROBLEMS `J&P`

■ Wired process control networks with safety and energy management systems
■Industrial wireless network supporting the mobile worker , wireless instrumentation

9. PROBLEM ROOT CAUSE `RC`

 For reliable damage and fault detection, real-time monitoring systems based on physical models are required.

7. BEHAVIOUR `BE`

Arduino Mega, WIFI Module (ESP8266), Smoke sensor(MQ-2),

3. TRIGGERS `TR`

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1.there are three gauges for gas, humidity, and temperature
2.control the working of the LED device and the gauge will show the status of the sensors

10. YOUR SOLUTION `SL`

Industrial IoT strategy should include machine learning and big data technology in addition to data from devices and sensors, harnessing the combination of existing sensor data, machine to machine (M2M) connectivity, and automation technologies to deliver greater insight back to the business.

8. CHANNELS of BEHAVIOUR `CH`

Internet Of Things,
Modernization,
Automation,
Manufacturing

4. EMOTIONS: BEFORE / AFTER `EM`

Before: The temperature and humidity values are also displayed on the Blynk app, thanks to Arduino and the internet

After: At the same time, informative messages would be displayed on the LCD for manual control