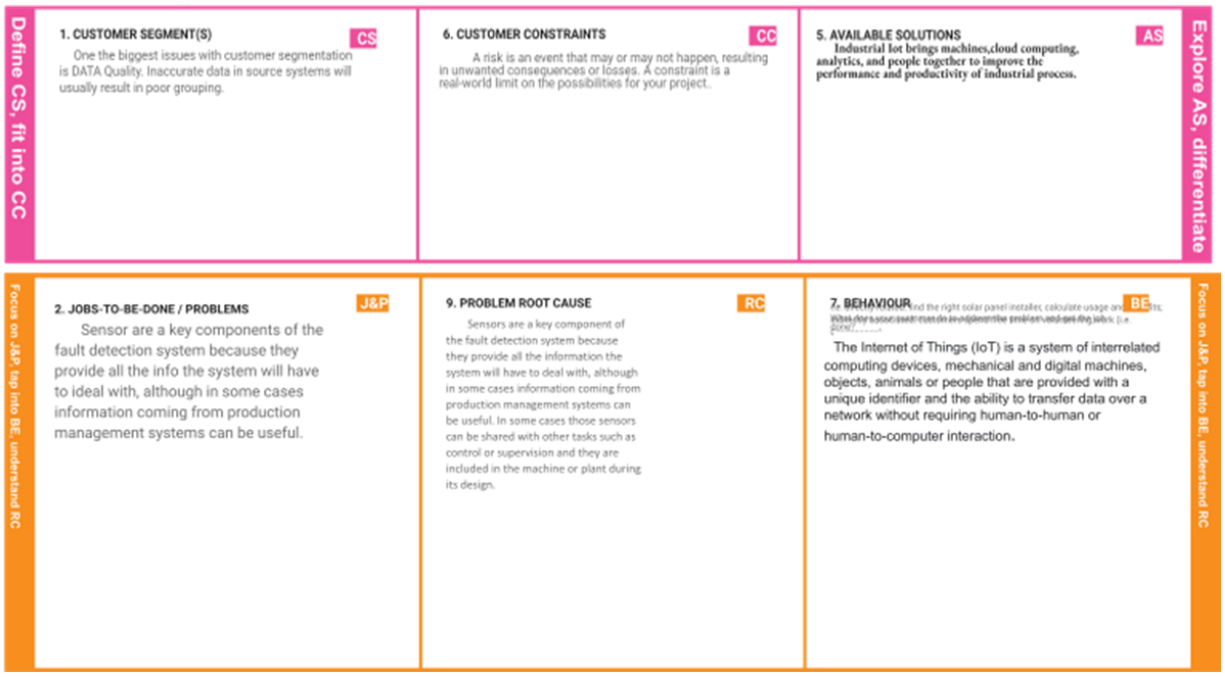
Project Design Phase-I - Solution Fit Template
Project Title: Hazardous Area Monitoring for Industrial plant power by Iot
Team ID: PNT2022TMID03488



3. TRIGGERS

TR

A trigger can be defined to automate events (notifications or actions) and can eliminate the need to manually monitor subscriptions.

10. YOUR SOLUTION

SL

Automated factories and processes are too expensive to be rebuilt for every modification and design change – so they have to be highly configurable and flexible. To successfully reconfigure an entire production line or process requires direct access to most of its control elements – switches, valves, motors and drives – down to a fine level of detail. The vision of fully automated factories has already existed for some time now: customers order online, with electronic transactions that negotiate batch size (in some cases as low as one), price, size and color; intelligent robots and sophisticated machines smoothly and rapidly fabricate a variety of customized products on demand.

8. CHANNELS of BEHAVIOUR

CH

8.1 ONLINE

Raspberry Pi 3
Temperature Sensor- DSI 8B20

8.2 OFFLINE

Arduino UNO Board,
Ultrasonic Sensor HC-SR04