## 1. CUSTOMER SEGMENT(S)

The levels of gases are detected, can help to prevent an explosion or can help to prevent worker injury or

# 6. . CUSTOMER LIMITATIONS EG. BUDGET,

- Poor stability
- greater environmental impact

#### 5. AVAILABLE SOLUTIONS PLUSES &

M IN USES

- Test Benches
- Leak Tester
- **Quick Connectors**

#### 2. PROBLEMS / PAINS + ITS FREQUENCY

Leakage of gaseous product from a pipeline or other containment into any area where the gas should not be present. Gas leaks can be hazardous to health as well as the environment

#### 9. PROBLEM ROOT / CAUSE

The root cause / problem for the gas leakage is due to atomic reactions between gas molecules, material quality and etc.,

#### 7. BE HAVIOR + ITS INTENSITY

It senses the harmful gases,

- H<sub>2</sub>S
- Methane

It will check temperature sensor,

- Detect the concentration of gases
- Avoids hazardous consequences like fire breakouts

#### 3. TRIGGERS TO ACT

Gas leakage system acts as a mandatory precaution in every aspects for example, Fire extinguishers in factories, industries

### 4. EMOTIONS BEFORE / AFTER

Gas leakage is hazardous to people and its hard for them to lead a normal life. Symptoms are fatigue, dizziness, loss of consiousness and concentration.

#### 10. YOUR SOLUTION

- We can fix sensor near gas plants
- It detects and alerts the leakage of gas
- It sends a message to admin

Alarm alerts the workers around

#### 8. CHANNELS of BEHAVIOR

ONLINE

SL

Through online the industry can be continuously moniters the gas leakage

OFFLINE

In offline mode the alerting system.