Problem Solution

GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

CUSTOMER SEGMENT(S) CS

- Commercial Sector
- Transportation Sector
- Electric Power Sector
- Industrial Sector
- Common Household

CUSTOMER CC

- *Assurance -* Customer can stay at ease as the tool will notify them in case of leakage.
- *Monitoring -* Customer is able to monitor the gas.

AVAILABLE SOLUTIONS AS

- By searching in books, e-books, online websites etc....
- By gathering the information from the people and come to an understanding.

DEFINE CS, EXPLORE AS, FIT INTO

FOCUS ON J&P, TAP INTO BE, UNDERSTAND

JOBS TO BE DONE / PROBLEMS J&P

- Alerting the customer when a gas leakage occurs.
- Giving necessary information to the customer.

PROBLEM ROOT CAUSE RC

- Improper installation of the device.
- Lack of proper device maintenance.

BEHAVIOUR BE

When the vendor does not install the device properly or the management does not maintain the device properly it may lead to improper function of the device.

EMOTIONS EM

BEFORE

Uneasiness in employees and owner, as there is no telling where and when gas can leak.

AFTER

Gives them courage to work without any worries.

SOLUTION SL

This device is built using different sensors and Arduino board. By using this device we can be able to detect the leakage of gas and alert the user so that they can take action at the earliest.

CHANNELS OF BEHAVIOUR CH

ONLINE

- SMS alerts.
- in app notification.

OFFLINE

- Sounding alarm.

IDENTIFY STRONG EM , EXTRACT ONLINE AND OFFLINE CH OF BE