Problem Solution

GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

CUSTOMER SEGMENT(S)

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

DEFINE CS, EXPLORE AS, FIT INTO

UNDERSTAND **-OCUS ON J&P, TAP INTO BE,**

JOBS TO BE DONE / PROBLEMS J&P

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

PROBLEM ROOT CAUSE

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

BEHAVIOUR

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.

AVAILABLE SOLUTIONS

CUSTOMER

leakage.

AS

CC

• By surfing through the internet ,looking into the books, e-books,

• Guarantee – Workers can

stay cautious as the tool

willnotify them in case of

• Safety – Workers are able

to work with peace.

• By gathering the information from the people and come to an understanding.

EM

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.

CH

ONLINE

• SMS alerts.

• in app notification.

Sounding alarm.

BEFORE

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

EMOTIONS

AFTER

Gives them courage to work without any worries.

CHANNELS OF BEHAVIOUR

OFFLINE

IDENTIFY STRONG EM, EXTRACT ONLINE AND OFFLINE CH OF BE