- 1. Shriya R (Team Leader)
- 2. Swathy Santhosh
- 3. Lavanyadevi K
- 4. Akila G

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# 1. CUSTOMER SEGMENT(S)



The primary concern for business owners is worker

Finding the source of the leak might be challenging at

The prevention of fatalities is achieved by leak

## 6. CUSTOMER CONSTRAINTS



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In order to prevent customers from reacting to a gas leakage issue, proper maintenance should be performed at least once every month.

# 5. AVAILABLE SOLUTIONS



Explore

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differentiate

on J&P, tap into BE,

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sensors used to detect gas leaks.

the leak is indicated with a buzzer.

Our ability to receive notifications of gas leaks is made possible by the GSM module.

# 2. JOBS-TO-BE-DONE / PROBLEMS

The device's resistance to hostile environments is

A network issue prevented data from always being



9. PROBLEM ROOT CAUSE

The main issue can occasionally be brought on by a sensor that isn't functioning properly.

The root cause of the network issue is the location of the device installation and the network plan used by the user.

# 7. BEHAVIOUR



Due to the majority of industries being situated in rural areas, network issues are fairly common. Here, get in touch with both the programmers and the service suppliers.

They will discover the leak and pinpoint the alert in order to ascertain the gas's properties and find a solution.

# 3. TRIGGERS

fatalities, and injury.

in doubt.

uploaded to the cloud.



An inexpensive IOT-based device that is simple for individuals to use and repair.

The device needs to improve network strength.

10. YOUR SOLUTION

Depending on the surroundings, a device can be produced to various standards.

# 8. CHANNELS of BEHAVIOUR



## 8.1 **ONLINE**

Observe the condition of the sensors. Notification in the event of any gas leaks.

## 8.2 **OFFLINE**

Protect the sensor from harm.

Supply the sensors with a suitable network and power ource.

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Safeguards are taken to ensure that employees can work without worry.

Gas leak-related accidents result in property loss,

Letters of grievance.

4. EMOTIONS: BEFORE / AFTER
The user feels duped and tricked before performing the activity.
Once the issue has been fixed, the user can understand that the developer is being sincere.