# Title:Gas leakage monitoring and alerting system

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# Entice

How does someone initially become aware of this process?

### Steps

What does the person (or group) typically The system experience?

can be implemente in industries We can avoid accidents due to gas leakage messages to concerned authority

A monitoring system that detects the gas composition and

#### Interactions

What interactions do they have at each step along the way?

People: Who do they see or talk to?

Places: Where are they?

Things: What digital touchpoints or physical objects would they use?

# Goals & motivations

At each step, what is a person's **primary goal or motivation?** 

("Help me..." or "Help me avoid...")

At first,people in industries feel it difficult to use this application

Major goal is to minimize the losses that are due to gas leakage

#### Positive moments

What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?

# **Negative moments**

What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?

The custome

should get the

clear idea to

solve their

The process will be taught to the worker by the admins to know about the applications of gas leakage

Ensuring employees life safety and security to prevent from

They will be aware of hazardous gases, toxic

gases and other flammable materials

The learning process is not easy for everyone. The

understanding and capacity differs from workers.

# Enter

What do people experience as they begin the process?

accidents

Initially the people in the industry are excited to see how the technology works from preventing them from accidents

Engage
In the core

moments in the process, what happens?

At first,they feel ridiculous about this application and safety meaures. They may not have any idea about this.

People These
industry detectors
can sound an
aware alarm in<sup>and</sup>
gas leak: danger
by the SI

Further they learn to practice with application and get more ideas

Will be able to prevent accidents due to gas leakage in industries

They will know more about the alerting system using alarm and buzzers

# Exit

What do people typically experience as the process finishes?

It takes some time to learn the whole process and

avoid materials They will be able to use the app with technical assistance IOT technology for enhancing the existing safety standard They get satisfied about this application are used in large industries If learning become a challenging task, one cannot handle the process all alone and should have a people assisting them always Finally they feel better with the application and be aware of gas leakage They can be seen as better Extend practices of detection and alerting to prevent from toxious gases It is used to Industry will be aware of This current using flammable materials application and take safety measures can be to prevent industry modified to They may not aware of gas leakage at any time in industries.

loss will be

Immediate action will be taken if there is any inconvinience in the support system

# Areas of opportunity

How might we make each step better? What ideas do we have?

What have others suggested?

This application can be used in other fields like health care to ensure the patient's temperature,blood pressure and heart beat rate In gas monitoring system, the gas deter installed strategically on different locati monitoring.

An IOT powered gas monitoring system work through sensor that provide accurate data regarding presence of toxic gases in atmosphere

This system allows the management to take immediate action to curb harmful fire explosion.