Title:Gas leakage monitoring and alerting system

Phases

Entice
How does someone initially become aware of this process?

Enter
What do people experience as they begin the process?

Engage
In the core moments in the process, what happens?

Exit
What do people typically experience as the process finishes?

Extend
What happens after the experience is over?

Steps
What does the person (or group) typically experience?

Entice:
- The system can be implemented in industries
- We can avoid accidents due to gas leakage
- Sending text messages to concerned authority
- A monitoring system that detects the gas composition and pollution

Enter:
- Customer will learn the application and how to use them
- It is helpful to understand the availability of gas leakage
- Determine the solution with fullfilled need
- The customer should get the clear idea to solve their problems

Engage:
- People in industry can be aware of gas leakage by the SMS
- Gas detectors measure or monitor that depletion of combustible gases.
- These detectors sound an and

Exit:
- It is used to save the lives of people and avoid using flammable materials
- Costly equipments can be saved
- Financial loss will be less. .

Extend:
- This current application can be modified to large industrial purpose
- It is used to avoid accidents in industry.
- Industry will be aware of using flammable materials and take safety measures to prevent industry

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?

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

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

Engage: Further they learn to practice with application and get more ideas

Exit: They will be able to use the app with technical assistance

Extend: Finally they feel better with the application and be aware of gas leakage

Goals & motivations
At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...")

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

Enter: Ensuring employees life safety and security to prevent from accidents

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

Exit: IOT technology for enhancing the existing safety standard

Extend: They can be seen as better practices of detection and alerting to prevent from toxious gases

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

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

Enter: They will be aware of hazardous gases,toxic gases and other flammable materials

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

Exit: They get satisfied about this application are used in large industries

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

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

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

Enter: The learning process is not easy for everyone.The understanding and capacity differs from workers.

Engage: It takes some time to learn the whole process and functions.

Exit: If learning become a challenging task,one cannot handle the process all alone and should have a people assisting them always
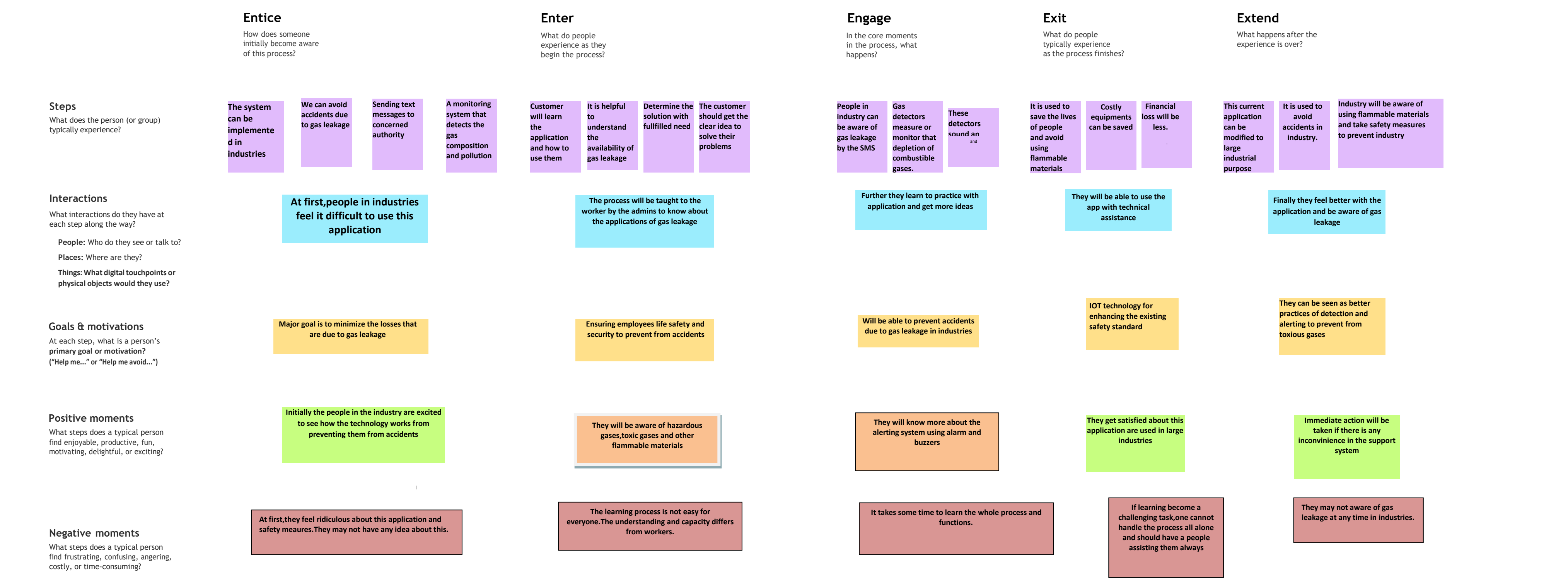
Extend: They may not aware of gas leakage at any time in industries.

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

An IOT powered gas detection solution uses the gas sensor to identify the toxic gases such as CO_2,CO in industries.

In gas monitoring system,the gas detection sensor are installed strategically on different location for real time 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.