



GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

Based on ten customer interviews and observations from the Fairplane Guided City Tours team

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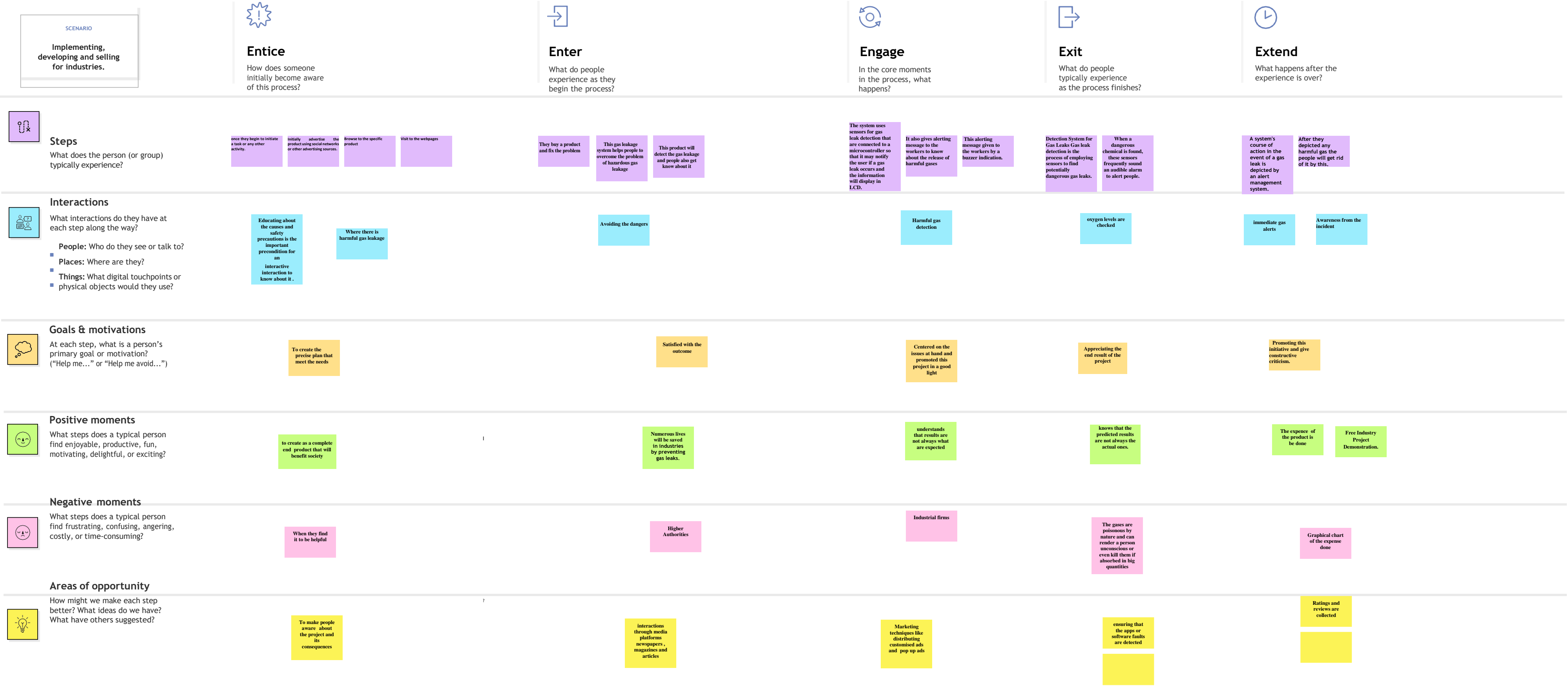
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Steps

What does the person (or group) typically experience?

once they begin to initiate a task or any other activity.

Initially advertise the product using social networks or other advertising sources.

Browse to the specific product

Visit to the webpages

They buy a product and fix the problem

This gas leakage system helps people to overcome the problem of hazardous gas leakage

This product will detect the gas leakage and people also get know about it

The system uses sensors for gas leak detection that are connected to a microcontroller so that it may notify the user if a gas leak occurs and the information will display in LCD.

It also gives alerting message to the workers to know about the release of harmful gases

This alerting message given to the workers by a buzzer indication.

Detection System for Gas Leaks Gas leak detection is the process of employing sensors to find potentially dangerous gas leaks.

When a dangerous chemical is found, these sensors frequently sound an audible alarm to alert people.

A system's course of action in the event of a gas leak is depicted by an alert management system.

After they depicted any harmful gas the people will get rid of it by this.



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?

Educating about the causes and safety precautions is the important precondition for an interactive interaction to know about it .

Where there is harmful gas leakage

Avoiding the dangers

Harmful gas detection

oxygen levels are checked

immediate gas alerts

Awareness from the incident



Goals & motivations

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

To create the precise plan that meet the needs

Satisfied with the outcome

Centered on the issues at hand and promoted this project in a good light

Appreciating the end result of the project

Promoting this initiative and give constructive criticism.



Positive moments

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

to create as a complete end product that will benefit society

Numerous lives will be saved in industries by preventing gas leaks.

understands that results are not always what are expected

knows that the predicted results are not always the actual ones.

The expence of the product is be done

Free Industry Project Demonstration.



Negative moments

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

When they find it to be helpful

Higher Authorities

Industrial firms

The gases are poisonous by nature and can render a person unconscious or even kill them if absorbed in big quantities

Graphical chart of the expence done



Areas of opportunity

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

To make people aware about the project and its consequences

interactions through media platforms newspapers , magazines and articles

Marketing techniques like distributing customised ads and pop up ads

ensuring that the apps or software faults are detected

Ratings and reviews are collected