

HAZARDOUS AREA MONITORING FOR INDUSTRIAL PLANT POWERED BY IOT

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

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SCENARIO

Browsing, booking, attending, and rating a local city tour

Entice

How does someone initially become aware his 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?

This project Can be done in industries	These can also used in home	We can avoid Fire accidents by This project	It helps to avoid equipment loss	Sending system that detects the temperature fluctuation
Sending alert to the Workers through their wearable device	The alert is sent through text are by call	It detects the area temperature fluctuations It May occur due to the working of equipment	Here It notifies through message It leaves a buzzer sound also	These options can create some interest in the customer or workers to install the project in the industry to safeguard the industry from fire hazard

Users or customer can learn and get used to the working principle	They can monitor them and follow the conditions in correct manner	It helps us to understand the temperature fluctuations in the work area	Those detected area can be monitored often	It sends every normal and abnormal temperature update to the
Beacon should be monitored	Beacon should be maintained and it should be in correct manner	Everyone must be aware of the working principle	It makes easy to them to monitor every single area of the industry	The customer feels safe and secure after using the project in their industry

Workers in the industry can be aware of temperature fluctuation	They will get notified by the text or by buzzer	They can avoid the equipment loss and human loss
It helps to workers to see the normal temperature and abnormal temperature in industry	This process will be help them to get used to the working procedure and get used to them	The doubts and procedure will be told by project the team member

Leave the guide & group	Prompt for review	Writing & submitting review
The guide wraps up the tour and everyone heads their separate ways	One hour after the tour finishes, an email and in-app notification prompt the tour participant for a review	The tour participant writes a review and gives the tour a star-rating out of 5.

Tour appears in the user profile	Personalized recommendations	Personalized tour offers	Personalized tour suggestions after new travel booking
The completed tour appears on the "past experiences" area of a customer's profile with a few details on where the group went	Participation in the tour informs our backend recommendation systems, which the customer may experience via better personalization	The customer receives an email 14 days after their tour with personalized recommendations for other tours	When a past tour participant books new travel with us, we show them personalized tour recommendations in their arnelcity.

Interactions

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

Places: Where are they?

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

They can reach us by our call are text to get installed by our project

The doubt can be rectified by manual are the can get information from the internet

Payment of the project is done in manual or in the online its customers choice

They can link with us through email and outlook to rectify or clear doubts

They can have direct interactions with the team member regarding the project rectifications

They can interact with any of the team member who involved in the project

They can access the project the app with the technical assistance

Users can also give review of our app and negative by posting them or by mailing to us

They will be aware of the applications and process they will be able to avoid fire hazardous

It makes them comfortable with the process and place and the feel secure and safe and it makes them aware of temperature fluctuations

Goals & motivations

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

The major goal of our project is to reduce the losses in industry that are caused by fire and fire related hazard

Our project endures the safety of workers and the industry and it prevent them from equipment loss

It prevents the industry from accidents that are caused by the fire

Here we use IOT to the project to increase the facilities of access and safety measures

it helps to detect the hazard at initial stage and it prevent from major loss can be prevents

Positive moments

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

At early stage, workers and the owners are really surprised are interested in knowing that how would the project is useful to their industry

Workers will be aware of temperature fluctuations that are occur in the industry and they will be aware of which are to be noted and which occurs normal

It prevents the industry that caused by temperature fluctuations and which cause due to over heat and which initiates a high temperature

IOT can ensure and it also standardize the project which helps to use for current technology

It helps the workers are the people who got notified by the wearable device be tempted to take can

Negative moments

What steps does a typical person find frustrating, confusing, angering, costly,

At first workers are not used to be in this process and it feels like an extra work to monitor them

According to workers they have different understanding skills hence to study the process or the working principle take time

It takes some times are either more time to understand the process by the whole team of workers

If understanding the process becomes an task anyone who masters the process will always take an initiative and help other workers

They are used to the process and aware of fire causing temperature rate in industry

Areas of opportunity

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

These can be used in other applications also like in health care areas

At IOT powered by here we use temperature sensor to detect the temperature fluctuations that occur in the industry

In temperature monitoring system,we should install temperature sensor in diffract manner to monitor in real time

An IOT powered temperature monitoring sensor that helps to give accurate data of temperature in workplace

This system allows the workers to manage the and take safety measure to temperature hazard