SCENARIO

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



How does someone initially become aware of this process?



Enter

What do people experience as they begin the process?

Interact with video

frame Camera for

collecting Images



Engage

happens?

In the core moments

in the process, what

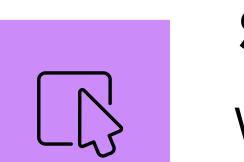
Exit

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?

A source of ignition is anything that has the potential to start a fires

Forest Officer

Keep tracking of climate changes

Web Camera

Consumers have accepted the product in the market and customers are beginnir to truly buy in

Market for the product is expanding and competition being

To avoid risk for animals

Detecting fire and identify where it

Fire has spread over much if not all the available fuel. Temperature reach their peak

Resulting in heat damage Oxygen is consumed rapidly

Usually the longest stage of a fire. Putting an end to the fire.

It plays a role in

recycling nutrients

from the group - layer

vegetation and litter to

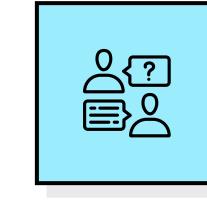
the over story trees

The characterized a significant decrease in oxygen or Fuel

Thereby counter acting

the infertile subtracts

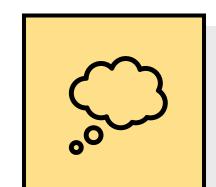
and arrested decay



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...")

Fire removes low underbrush cleans the forest floor or

More precise.

It control spark timing.

It improve engine

efficiency.

improve efficiency and

performance.

Forest Area

Opens it up to sunlight Nourishes the soil

> The major factor that influence the fire growth are fuel arrangement colling height, length/width ratio, room installation size and location of opening, heating ventilation conditioning

Identify the Fire

Gain Love towards nature

patten

Detection of fire

They kill harmful insects. They clear away diseased trees.

They Make way for new trees. The ashes add nutrients to the soil.

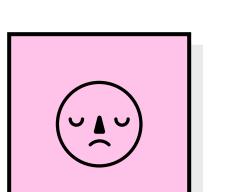
If this extends much of green plants are grown and the lost wildlife due to fire are received again

After detect forest

fire, Forest fires

will be

extinguished



Negative moments

Positive moments

What steps does a typical person

motivating, delightful, or exciting?

find enjoyable, productive, fun,

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

No matter the cause wildfires still require three components to ignite and eventually spread fuel, heat, and oxygen. These components referred to as the fire triangle

wildfire emit Co2 and other Green house gases

operation

wildfires can disrupt transportation, communications, power and gas services, and water supply.

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Human carelessness is he biggest factor contributing to wildfires

Detect Forest Fire

Fire frequencies

determine the over

story of coniferous

composition besides

developing space

among the stands

Fire detection systems has many limitations, such as the limited amount of energy, the energy required for data processing.

The short of communication and limited computations, the complexity of ML algorithms when executing on sensor nodes



Areas of opportunity

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

High-resolution

static Cameras

fixed on the

ground

Unmanned **Aerial Vehicles** (UAVs)

People and the government can get assurance about the prevention and early detection

They raise queries about the model and the awareness is been given

To engage forest team to be active in monitoring the forest, and to avoid procrastination

To appoint more employees and open possible branches to cover the major fire prone

Successful detection and active measurement will be trustworthy

Reliability, Assurance

Helpful for Future