EMERGING METHODS FOR EARLY DETECTION OF FOREST FIRES
Project Design Phase-II
TEAM ID : PNT20222TMID39552

SCENARIO

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

	Entice	Enter	Engage	Exit	Extend
	How does someone initially become aware of this process?	What do people experience as they begin the process?	In the core moments in the process, what happens?	What do people typically experience as the process finishes?	What happens after the experience is over?

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

Entice	Enter	Engage	Exit	Extend	
A source of ignition is anything that has the potential to start a fire	Customers have accepted the product and beginning to truly buy in	Detecting fire and identify where it started	Temperatures reach their peak	**Usually the longest stage of a fire and putting an end to fire**	There is a significant decrease in oxygen or fuel

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			Enter	Engage	Exit	Extend
Forest Officer	Forest area	Web camera	Interact with video frame camera for collecting images	Identify the fire	Detect forest fire	After detect forestfire, forest fire will be extinguished

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

Entice	Enter	Engage	Exit	Extend	
Fire removes low growing underbrush cleans the forest floor of debris	Opens it up to sunlight and nourishes the soil		Fire frequencies determine over story of coniferous composition	It plays a role in recycling nutrients from ground layer vegetation	Counteracting the infertile substrates

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

Entice	Enter	Engage	Exit	Extend
More precise It control spark timing	Major factor that influence fire growth are fuel	Factors are ceiling height, length, size and location of openings	They kill harmful insects They clear away diseased trees	People and animals will be secured

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

Entice	Enter	Engage	Exit
No matter the cause, wildfires still require three key components to ignite and spread	Fuel, heat and oxygen eventually spread the fire naturally	Requires a huge amount of money for larger forest areas	Human carelessness is the biggest factor contributing to wildfires

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

Entice	Engage
High-resolution static cameras fixed on the ground	If enough funds are available drones can be used