






Customer Journey

Team ID	PNT2022TMID52343
Project Name	Project -Emerging method for early detection of forest fire

SCENARIO Browsing, booking, attending, and rating a local city tour	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?	Prevent the forest fire by early detection	No need of manual monitoring	To preserve natural resources and protect human safety and properties		
Interactions What interactions do they have at each step along the way? <ul style="list-style-type: none"> People: Who do they see or talk to? Places: Where are they? Things: What digital touchpoints or physical objects would they use? 	Forests are the protectors of earth's ecological balance.	many technologies by different agencies and industries to monitor and detect wildfire events	The firefighters can practice responding in emerging situations, and learn from real time action and response using heuristic touch even digital rooms.	The fight against fire can mitigated the damages but the numbers which represent the burnt area and the human lifes or still huge	
Goals & motivations At each step, what is a person's primary goal or motivation? ("Help me..." or "help me avoid...")	early detection consists of several interrelated namely observation subsystem, interrelated subsystem and communication subsystem	a novel forest fire risk prediction algorithm based on support vector machines is presented	The most important factor in the fight is forest fire includes the earliest possible detection of the fire event		An early detection of fire can significantly shorten the reaction time and also reduce the potential damage as well as the cost of firefighting.
Positive moments What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?	Forest fire heats the soil, cracking seed coats and triggering germination	By using this, forest fire create positive feedback a future fire susceptibility, fuel loading and fire intensity	Reduces the air pollution and land pollution No loss of life and resource Its advantages of both brightness and motion features of fire to improve the accuracy and reliability of forest fire detection	encourages new growth that provides food for many animals	It creates hollows in logs and trees that can be used by animals for nesting and shelter.
Negative moments What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?	The destroying homes,wildlife habitat and timber and polluting the air with emissions harmful to human health	kill or injure individual plants or animals	Forest fire causes erosion and subsequent sedimentation of creeks and wetlands Fire open up areas to the impacts of weed and feral animal invasion as well as human access and vandalism. The forest fire is usually observed when it has already spread over a large area of forest, making fire control and stoppage is very difficult and impossible	Its burn and damage vegetation communities, such as rainforest that take hundreds of years to recover	Forest fire can disrupt transportation, communications ,power and gas service and water supply
Areas of opportunity How might we make each step better? What ideas do we have? What have others suggested?	we hope such improvement could significantly damage cost the untimely or late fire detection	By using this method for a early warning system is required so that an immediate response to an incident can be made effective	As the part of early warning system, forest fire detection has a critical role in detecting fire in a forest area to prevent damage to forest ecosystem		This method constantly develop, implement and upgrade the solution system for fire detection