Project Design Phase –II

Customer Journey Map

Date	22 October 2022
Team ID	PNT2022TMID52514
Project Name	Emerging Methods For Early Detection of Forest Fires
Maximum Marks	4 Marks

Customer journey:

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?

- Collect the Dataset for detect the fire
- Monitor climate change
- Consumers have accepted the product in the market and customers have really started buying
- Product is Expanding
- Reduce risk to animals
- People who lived close to the forest
- Resulting in release harmful pollutants inducing toxic gases such as Carbon monoxide
- Temperature reaches a peak
- Generally the longest stage of fire case fires
- Significant of decrease in oxygen of 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?

- Forest authorities
- Via Camera
- Interact with collect the data via CCTV Camera or Real time video
- Identify the Fire
- Detect the Fire
- After detecting the forest fire, The forest fire is Extinguished

Goals & motivations

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

- Flies removes Low-growing underbrush
- Opens it up to sunlight nourishes the soil
- Gain low towards forest
- Reduce the build up of fuel and thus the intensity of future burns
- Recycle nutrients bound in filter

Positive moments

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

- It improve efficiency and performance
- Fuel loading
- Fire intensity
- Unless current land use
- Detection of the fire pattern
- They clear away diseased trees

Negative moments

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

- Wildlife emit CO2 and other green house gases
- We need to fit the the camera in came out and safe location
- We are able to pinpoint the exact location of the fire
- We need high quality video camera to detect the forest fire
- We use image processing method called convolutional neural network to detect the fire

Areas of opportunity

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

- Our camera is used record the Real time camera
- Video will be converted fire frames
- Frames will be processing via algorithm to detect the fire
- Help full for future life
- Video will be converted fire frames