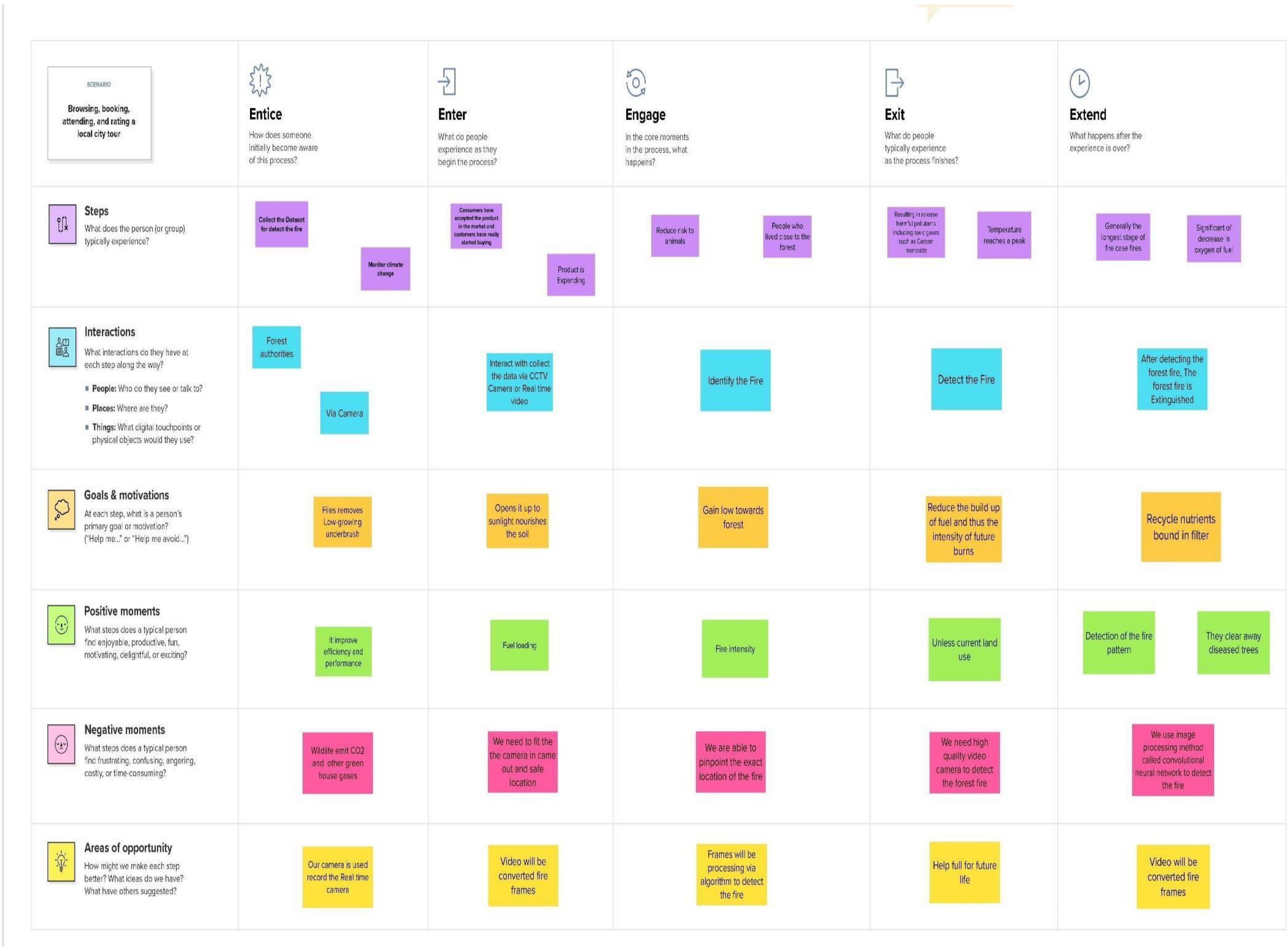
Project Design Phase –II

Customer Journey Map

Team ID	PNT2022TMID20531
Project Name	Emerging Methods For Early Detection of Forest Fires

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 Expending	Reduce risk to animals People who lived close to the forest	Resulting in release harmful pollutants including 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...")	Files 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