

Project Design Phase –II

Customer Journey Map

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| Team ID | PNT2022TMID41774 |
| Project Name | Emerging Methods For Early Detection of Forest Fires |
| Maximum Marks | 4 Marks |

Customer journey:

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|---|--|---|---|---|--|
| <div>SCENARIO</div> <div>Browsing, booking, attending, and rating a local city tour</div> | <div>!</div> <div>Entice</div> <div>How does someone initially become aware of this process?</div> | <div>→</div> <div>Enter</div> <div>What do people experience as they begin the process?</div> | <div>🔄</div> <div>Engage</div> <div>In the core moments in the process, what happens?</div> | <div>📄</div> <div>Exit</div> <div>What do people typically experience as the process finishes?</div> | <div>🕒</div> <div>Extend</div> <div>What happens after the experience is over?</div> |
| <div>👤</div> <div>Steps</div> <div>What does the person (or group) typically experience?</div> | <div>Collect the Dataset for detect the fire</div> <div>Monitor climate change</div> | <div>Consumers have accepted the product in the market and customers have really started buying</div> <div>Product is Expanding</div> | <div>Reduce risk to animals</div> <div>People who lived close to the forest</div> | <div>Resulting in release heavy's pollutants inducing sea c gases such as Carbon monoxide</div> <div>Temperature reaches a peak</div> | <div>Generally the longest stage of fire case fires</div> <div>Significant of decrease in oxygen of fuel</div> |
| <div>👥</div> <div>Interactions</div> <div>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?</div> | <div>Forest authorities</div> <div>Via Camera</div> | <div>Interact with collect the data via CCTV Camera or Real time video</div> | <div>Identify the Fire</div> | <div>Detect the Fire</div> | <div>After detecting the forest fire, The forest fire is Extinguished</div> |
| <div>💡</div> <div>Goals & motivations</div> <div>At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...")</div> | <div>Fires removes Low-growing underbrush</div> | <div>Opens it up to sunlight nourishes the soil</div> | <div>Gain low towards forest</div> | <div>Reduce the build up of fuel and thus the intensity of future burns</div> | <div>Recycle nutrients bound in filter</div> |
| <div>😊</div> <div>Positive moments</div> <div>What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?</div> | <div>It improve efficiency and performance</div> | <div>Fuel loading</div> | <div>Fire intensity</div> | <div>Unless current land use</div> | <div>Detection of the fire pattern</div> <div>They clear away diseased trees</div> |
| <div>😞</div> <div>Negative moments</div> <div>What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?</div> | <div>Wildlife emit CO2 and other green house gases</div> | <div>We need to fit the camera in came out and safe location</div> | <div>We are able to pinpoint the exact location of the fire</div> | <div>We need high quality video camera to detect the forest fire</div> | <div>We use image processing method called convolutional neural network to detect the fire</div> |
| <div>💡</div> <div>Areas of opportunity</div> <div>How might we make each step better? What ideas do we have? What have others suggested?</div> | <div>Our camera is used record the Real time camera</div> | <div>Video will be converted fire frames</div> | <div>Frames will be processing via algorithm to detect the fire</div> | <div>Help full for future life</div> | <div>Video will be converted fire frames</div> |

