












Project Design Phase –2

Customer Journey Map

Team ID	PNT2022TMID25867
Project Name	Emerging Methods For Early Detection of Forest Fires
Maximum Marks	4 Marks

Customer journey:

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