

## Project Design Phase-II

### Customer journey map

Team ID	PNT2022TMID33568
Project Name	Emerging Methods for Early Detection of Forest Fires.
Maximum Marks	4 Marks
Domain	Artificial Intelligence
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## User journey

This is a title...

1 Phases	Ignition	Growth	Fully developed	Decay
Data collection and preprocessing				
2 Steps	<div>Potential to start a fire</div> <div>Eg:A naked flame</div> <div>Eg:Faulty electrical appliance</div>	<div>Customers accepted the product in market</div> <div>Competition begins developing</div>	<div>Temperatures reaches their peak</div> <div>Resulting in heat damage</div> <div>Oxygen is consumed rapidly</div>	<div>Characterized a significant decrease in oxygen or fuel</div> <div>Putting an end to fire</div>
3 Feelings	<div>Control spark timig</div> <div>Improve engine efficiency</div> <div>Improve efficiency and performance</div>	<div>Factor that influence fire growth are fuel arrangement</div> <div>Ceiling height, length/width ratio,size etc..</div>	<div>Cleans the forest fire debris</div> <div>Fire removes low-growing underbrush</div> <div>Opens it upto sunlight and nourishes soil</div>	<div>Kill harmful insects and clean diseased trees</div> <div>Make way for new trees and add nutrients to soil</div>
4 Pain points	<div>Three key components for wildfires are fuel,heat and oxygen</div> <div>These components are referred as fire triangle</div> <div>Require key components to ignite</div>	<div>Wildfires can disrupt transportation communication, power and gas services</div> <div>Leads to deterioration of air quality,crops resources, animals and people</div>	<div>Human carelessness is biggest factor</div> <div>Humans are responsible for wildfires</div>	<div>Limitations are data processing , short range of communication,etc..</div> <div>Complexity of MI algorithms when executing on sensor nodes</div>
5 Opportunities	<div>Fire are controlled in low manner</div> <div>Growing underbrush</div> <div>Cleans the forest floor of debris</div>	<div>Opens it up to sunlight</div> <div>Nourishes the soil</div>	<div>Frequencies determine over storey of coniferous composition</div> <div>Besides developing a natural space among the stands</div>	<div>Plays a role in recycling nutrients from the ground</div> <div>Counteracting the infertile substrates and arrested decay</div>