

Ideation Phase

Define the Problem Statements

Date	10 October 2022
Team ID	PNT2022TMID14761
Project Name	Emerging methods for early detection of forest fires
Maximum Marks	2 Marks

Customer Problem Statement:

Forest Fire Prediction is a key component of forest fire control. This is a major environmental problem that creates ecological destruction in the form of a threatened landscape of natural resources that disrupts the stability of the ecosystem, increases the risk for other natural hazards, and decreases resources such as water that cause global warming and water pollution. Fire Detection is a key element for controlling such incidents. Prediction of forest fires is expected to reduce the impact of forest fires in the future. Many fire detection methods are available with different approaches to the detection of fire. In the existing work processes, the fire-affected region is predicted based on the video captured.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Forest officers	Protect the forest	This leads to forest fire	High temperature and climatic conditions.	Lose of natural resources and endanger of species.
PS-2	Tribal community	Shelter and basic needs	Forest fire	Natural conditions	Moving away from the forest