Ideation Phase

Define the Problem Statements

Date	10 September 2022
Team ID	IBM-EPBL/IBM-Project-13120-1659511463
Project Name	Project - Emerging Methods for Early Detection of Forest Fires
Maximum Marks	2 Marks

1) Each statement needs a way to,

Detect the fire in the forest	To predict or detect forest fire in the greeny areas	Requires large amount of data

So, the can,

It saves for our future environment	Detection time is too fast	Permanent monitoring and data collection

2) Each statement needs a way to,

CNN model is used here

UAV data collection task in forest fire will be monitored

Satellites can be important source of data prior too

So, they can,

It saves over 9 million acres of land

In using of deep learning gives more accuracy

It saves our future environment

3) Each statement needs a way to,

IOT devices are required

Sensors are used to detect the forest fire

Mutation operator can be used

So, they can,

It saves 100,000 wildlife's	This safe guarding detection is useful for animals in forest	It saves ennumber of species in the forest

4) Each statement needs a way to,

Computer Vision is used to interrupt and understand images	It involves more algorithms and different networks	GB methods like camera, video-Based approach is used here.

So, they can,

It can be done in the low cost	Detection time is fast	Accuracy 99.9%