Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID26945
Project Name	PROJECT-Emerging Method for early forest fire detection
Maximum Marks	4 Marks

Reference: https://www.mural.co/templates/empathy-map-canvas

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

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Brainstorm

Write down any ideas that come to mind that address your problem statement.

⏱ 10 minutes

3

Group ideas

Take turns sharing your ideas and grouping the most related ideas. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

⏱ 20 minutes

Sanjay

Rule based Image processing	Optical remote sensing
Radio-Acoustic Sounding system	Satellite constellation

Mohammed Suhail

Wireless Sensor Network	Ensemble technique
Thermal day light camera	Alarm system

Dharshan

Controlled burning	spotter planes
Detection using unmanned aerial system	Education through fire watch

Naveen

Network based system	Watch towers
Neural network supervised system	Electronic Lightning detectors

Mohan raj

Optical smoke sensor	Mixed learning techniques
Solar powered Wireless dectection	Data size tecnique

CATEGORY1

Satellite constellation	optimal remote sensing
wireless sensor network	alarm system

CATEGORY2

watch towers	automatic drone routing
optical smoke sensor	thermal day light camera

CATEGORY 3

data size technique	spotter planners
detection using unmanned serial system	education through the watch

Step-3: Idea Prioritization

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

⏱ 20 minutes

Importance
based on techniques

satellite constellation because it can cover large area of the forest

watch towers because it predicts the climate changes

optimal remote sensing because it can avoid false alert

thermal day light cameras

wireless sensor network

network based system

electronic lightning detectors

alarm system

optimal smoke sensor

rule based image processing

solar powered wireless detection

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)