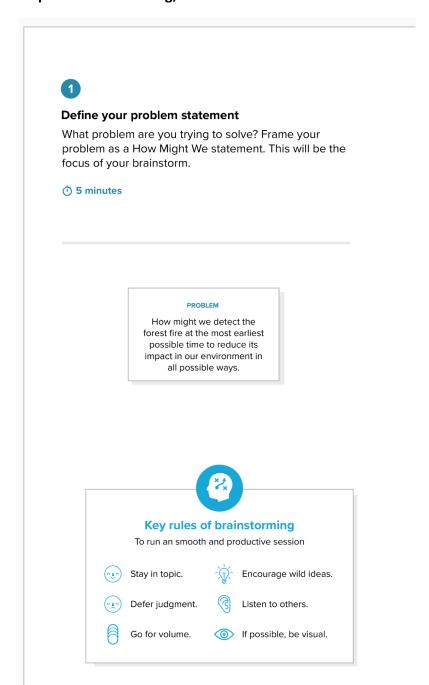
# Ideation Phase Brainstorm & Idea Prioritization Template

| Date         | 19 September 2022                              |
|--------------|--|
| Team ID      | PNT2022TMID08041                               |
| Project Name | Emerging Methods for Early Detection of Forest |
|              | Fires  |

## **Brainstorm & Idea Prioritization Design.**

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



#### Step-2: Brainstorm, Idea Listing and Grouping.



#### **Brainstorm**

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

10 minutes

## **SWATHI SHREE SHIKSHA** Making visitors entry to the forest only after thorough checking, combustible materials must not be permitted. Fire detection tools and techniques must be developed and maintained by the forest We must try to sow the fire resistant plant seeds so that this will eliminate spreading of the fire. Educating the farmers not to use slash-and-burn practices as they will result in the primary cause of fire. Frequent patrolling by the forest officials should be followed to monitor the forest surroundings. All the other fire stations which are near by the forest must also get notified in case of a forest fire. Forest officers must frequently measure the temperature of the forest surroundings by using sensors. **SHESHANK SURYA** Educating people and creating Alerting the traffic department to block the roads awareness about the forest Banning Avoiding electric cables inside the forest, that causes electric spark which leads to fire. Alerting the forest department to watch the forest carefully during Thunderstorms. Maintaining and structuring the inflammable substances such tree to avoid rubbing of branches. oils into the forest. Maintaining the record from the causes to solutions and steps taken during the forest fire for the future reference. Using satellite image processing Researching provided with the contact details of and looking into the other methods to causes of detect forest

fire.

forest fires.



## Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. 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.

#### **AWARENESS**

Making visitors entry to the forest only after thorough checking, combustible materials must not be permitted. Educating people and creating awareness about the forest fires.

#### COMMUNICATION

All the other fire stations which are near by the forest must also get notified in case of forest fire.

Tribal peoples are provided with the contact details of forest department so that they can report on time.

Alerting the affic department block the roads that connects to the forest areas.

#### **ENVIRONMENTAL EFFECTS**

We must try to sow the fire resistant plant seeds so that this will eliminate spreading of the fire. Educating the farmers not to use slash-and-burn practices as they will result in the primary cause of fire.

#### TECHONOLOGY

Fire detection tools and techniques must be developed and maintained by the forest department. Using satellite image processing methods to detect forest fire.

A large amount of CO: will be released in cas of a fire,this can be detected using sensors,satellite video: images by using optica detectors.

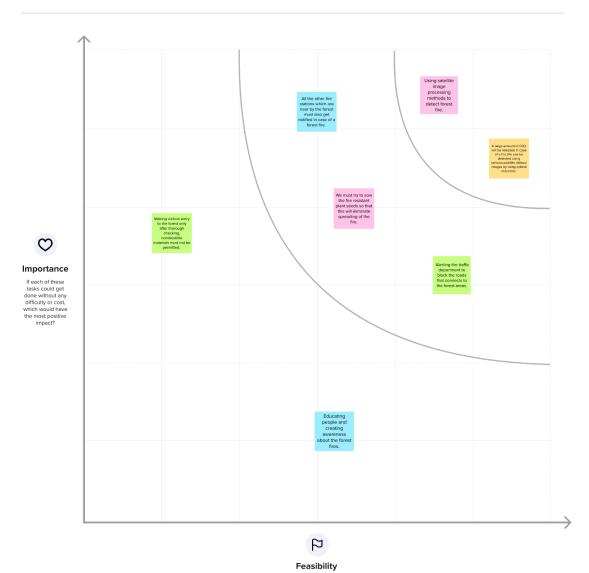
## Step-3: Idea Prioritization



## 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.

① 20 minutes



lless of their importance, which tasks are more