

Ideation Phase








Brainstorm & Idea Prioritization Template

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID25656 |
| Project Name | Emerging methods for early detection of forest fire |
| Maximum Marks | 4 Marks |

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Step-1: Team Gathering, Collaboration and Select the Problem Statement& Step-2: Brainstorm, Idea Listing and Grouping

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| <div><div>1</div><div>Define your problem statement<p>What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.</p><p>🕒 5 minutes</p></div><div><div>When fire forest detect the fire and smoke level?</div></div><div><div>Key rules of brainstorming<p>To run an smooth and productive session</p><div><div> Stay in topic.</div><div> Encourage wild ideas.</div></div><div><div> Defer judgment.</div><div> Listen to others.</div></div><div><div> Go for volume.</div><div> If possible, be visual.</div></div></div></div></div> <td><div><div>2</div><div>Brainstorm<p>Write down any ideas that come to mind that address your problem statement.</p><p>🕒 10 minutes</p></div><div><div>Prithviraj pm<div><div>Detect by smoke</div><div>Detects by climate changes</div></div><div>sivakumar m<div><div>Detects flame</div><div>Detects any Electrical shortage that can cause fire</div></div></div></div><div><div>sachingowtham m<div><div>Detects by spark</div><div>Detects spark due to lightning</div></div><div>sanjay&sarathkumar<div><div>Detects by temperature regulary</div><div>Monitors 24/7</div></div></div></div></div></div></div></td> | <div><div>2</div><div>Brainstorm<p>Write down any ideas that come to mind that address your problem statement.</p><p>🕒 10 minutes</p></div><div><div>Prithviraj pm<div><div>Detect by smoke</div><div>Detects by climate changes</div></div><div>sivakumar m<div><div>Detects flame</div><div>Detects any Electrical shortage that can cause fire</div></div></div></div><div><div>sachingowtham m<div><div>Detects by spark</div><div>Detects spark due to lightning</div></div><div>sanjay&sarathkumar<div><div>Detects by temperature regulary</div><div>Monitors 24/7</div></div></div></div></div></div></div> |
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3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

By detect the
forest fire

Reduces the air
pollution

Reduces the
landslides, soil
erosion by protecting
strong rootect tree

Reduce co2

No loss of life
and resources

No need of
manual
monitoring

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

