Ideation Phase Brainstorm&Idea Prioritization Template

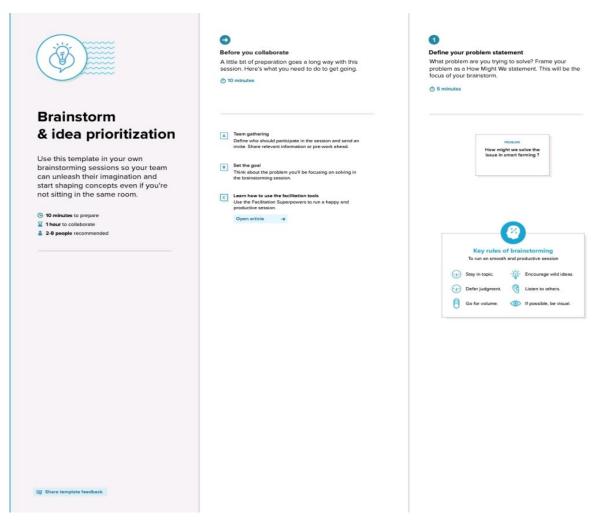
Date	19 September 2022
Team ID	PNT2022TMID33042
Project Name	IOT-Smart farmer
Maximum Marks	4 Marks

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.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

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



sketch] icon to start drawing!

Person 1 Person 2 Person 3 Person 4 use of iot sensors enables them, to get accurate real time information such as lighting They usually include a number of installed on the premises as well as a powerful dashboard with analytical capabilities light sensor :it is extremely sensitive in visible light devices and Person 8 Person 5 Person 6 Person 7 farmer may need to appl pesticides Web service for online traps to repor weather data collection :



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.

20 minutes

soil moisture sensor

Soil moisture sensor:
they are immersed to
specimen soil whose
moisture content under
test conductivity of soil
depend on upon
amount of moisture
present it

Humidity sensor

humidity sensor:
humidity sensor is used
for sensing the vapour
in the air the change in
RH(relative humidity)of
the surrounding would
result in display of
values

Pest monitoring

Pest monitoring:
Remotely monitor
for specific pests
to understand
their activity,
location and
patterns.

Crop health monitoring

Crop health monitoring:
Compare actual crop
growth to projections,
taking into
consideration weather
and other factors to
help identify when you
may have pests and
catch them early.

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.

(20 minutes



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