


Ideation Phase



Brainstorm & Idea prioritisation

In this session we aim to achieve a good base for beginning our project. With clear understanding of the task in hand, the next step would be to collectively put in our thoughts/ imagination and end with a proper feasibility study.

Ground Rules

- Be Creative
- Rule out every possible ideas and implementations
- Make your points clear and purposeful
- Don't hesitate. (Every point is noteworthy)
- Arguments are good. R.A. is lands beneficial
- Have various perspectives towards the problem

1 Choose your best "How Might We" Questions

Show the top 5 brainstorm questions that you created, and let the group determine where to begin by selecting one question to move forward with based on what seems to be the most promising for idea generation in the areas you are trying to impact.

10 minutes

QUESTION 1
How might we detect and differentiate wildlife breaching with the least possible error rate?

QUESTION 2
How might we accurately detect systems as to provide real-time data and info to the rescue?

QUESTION 3
How might we optimize the detection algorithms to yield results in the least time?

QUESTION 4
How might we bring more privacy and less system for detection?

QUESTION 5
How might we optimally use external features to get the most accurate information to an extend the environment?

2 Brainstorm solo

Have each participant begin in the "solo brainstorm space" by silently brainstorming ideas and placing them into the template. This "silent-storming" avoids groupthink and creates an inclusive environment for shy and extroverted alike. Set a time limit. Encourage people to go for quantity.

10 minutes

Attack It
How might we detect and differentiate wildlife breaching with the least possible error rate?
How might we accurately detect systems as to provide real-time data and info to the rescue?
How might we optimize the detection algorithms to yield results in the least time?
How might we bring more privacy and less system for detection?
How might we optimally use external features to get the most accurate information to an extend the environment?

Defence It
How might we detect and differentiate wildlife breaching with the least possible error rate?
How might we accurately detect systems as to provide real-time data and info to the rescue?
How might we optimize the detection algorithms to yield results in the least time?
How might we bring more privacy and less system for detection?
How might we optimally use external features to get the most accurate information to an extend the environment?

Subvert It
How might we detect and differentiate wildlife breaching with the least possible error rate?
How might we accurately detect systems as to provide real-time data and info to the rescue?
How might we optimize the detection algorithms to yield results in the least time?
How might we bring more privacy and less system for detection?
How might we optimally use external features to get the most accurate information to an extend the environment?

Helpful
How might we detect and differentiate wildlife breaching with the least possible error rate?
How might we accurately detect systems as to provide real-time data and info to the rescue?
How might we optimize the detection algorithms to yield results in the least time?
How might we bring more privacy and less system for detection?
How might we optimally use external features to get the most accurate information to an extend the environment?

Power Unavailable
How might we detect and differentiate wildlife breaching with the least possible error rate?
How might we accurately detect systems as to provide real-time data and info to the rescue?
How might we optimize the detection algorithms to yield results in the least time?
How might we bring more privacy and less system for detection?
How might we optimally use external features to get the most accurate information to an extend the environment?

3 Brainstorm as a group

Have everyone move their ideas into the "group sharing space" within the template and have the team silently read through them. As a team, sort and group them by themes, topics or similarities. Discuss and answer any questions that arise. Encourage "yes, and..." and build on the ideas of other people along the way.

10 minutes

Privacy
The system should not annoy the swimmers.
The system should be maintained properly for good results.
The system should be maintained properly for good results.

User Perspective
The system should not annoy the swimmers.
The system should be maintained properly for good results.
The system should be maintained properly for good results.

Power
The system should not annoy the swimmers.
The system should be maintained properly for good results.
The system should be maintained properly for good results.

Cameras & Hardware
The system should not annoy the swimmers.
The system should be maintained properly for good results.
The system should be maintained properly for good results.

AI and ML
The system should not annoy the swimmers.
The system should be maintained properly for good results.
The system should be maintained properly for good results.

Network and Connectivity
The system should not annoy the swimmers.
The system should be maintained properly for good results.
The system should be maintained properly for good results.

4 Decide your focus

Give each person two cards to vote which idea should your team focus on.

5 minutes

IDEA 1
How might we detect and differentiate wildlife breaching with the least possible error rate?

IDEA 2
How might we accurately detect systems as to provide real-time data and info to the rescue?

IDEA 3
How might we optimize the detection algorithms to yield results in the least time?

IDEA 4
How might we bring more privacy and less system for detection?

IDEA 5
How might we optimally use external features to get the most accurate information to an extend the environment?

Whats Next...

What are the next steps in your project? What are the next steps in your project? What are the next steps in your project?

Need some inspiration?

Open Inspiration

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