

Ideation Phase Ideation

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| Date | 9 October 2022 |
| Team ID | PNT2022TMID51072 |
| Project Name | Virtual Eye - Life Guard For Swimming Pools To Detect Active Drowning |
| Maximum Marks | 2 Marks |

VIRTUAL EYE

Brainstorm & idea prioritization

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 improvements
- Make your points clear and purposeful
- Don't hesitate. (Every point is noteworthy)
- Arguments are good ALA it lands beneficial
- Have various perspectives towards the problem

1

Choose your best "How Might We" Questions

Share 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 active drowning with the least possible error rate?

QUESTION 2
How might we automate the alert systems so as to provide crucial stats and info to the rescue team ?

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

QUESTION 4
How might we bring more privacy, yet use camera for detection?

QUESTION 5
How might we optimally use minimal hardware to get the most accurate information in an around 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 group-think and creates an inclusive environment for introverts and extroverts alike. Set a time limit. Encourage people to go for quantity.

10 minutes



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 thematic topics or similarities. Discuss and answer any questions that arise. Encourage "Yes, and..." and build on the ideas of other people along the way.

15 minutes



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

