


# Ideation Phase

Date	17 October 2022
Team ID	PNT2022TMID18864
Project Name	VirtualEye – 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. A.K.A. friendly banterful
- 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 area you are trying to impact.

10 minutes

QUESTION 1: How might we detect and differentiate active swimming pool in real possible error rate?

QUESTION 2: How might we accurately monitor water levels in swimming pools to detect leaks to the rescue?

QUESTION 3: How might we optimize the detection accuracy to give results in the least time?

QUESTION 4: How might we bring more precise results to the detection?

QUESTION 5: How might we optimally use external devices to get the most accurate information in an area of the environment?

**2 Brainstorm solo**

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

10 minutes

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