

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	26 September 2022
Team ID	PNT2022TMID15283
Project Name	Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning
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




Brainstorm & Idea Prioritization

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.

⌚ 10 minutes to prepare
👥 1 hour to collaborate
👤 2-8 people recommended

[Share template feedback](#)



Virtual Eye – Life Guard For Swimming Pools For Active Drowning

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.

⌚ 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 alerts and info to the rescue team?

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

2 Brainstorm solo

Have each participant begin in the "solo brainstorm" space by clearly brainstorming ideas and placing them into the template. The "solo brainstorming" avoids group think and creates an inclusion environment for ideas and solutions alike. Set a time limit. Encourage people to go for quantity.

⌚ 10 minutes

KUMUD

How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning

MANUTEJA

How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning

MUKESH

How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning

KOUSHIK

How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning
How to detect drowning	How to detect drowning	How to detect drowning

Team:-
 🧑‍💻Manchinella Kumud Bandhav
 🧑‍💻Medarametia Manuteja
 🧑‍💻Padireti Mukesh
 🧑‍💻Koushik A



Step-2: Brainstorm, Idea Listing and Grouping

3 Brainstorm solo

Have each participant begin in the "solo brainstorm space" by identifying brainstorming ideas and placing them into the template. This "solo brainstorm" mode gives each participant an individual environment for brainstorming and ideation. Set a time limit. Encourage people to go for quantity.

10 minutes

4 Brainstorm as a group

Have everyone move their ideas into the "group sharing space" within the template and have the team identify and 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

Step-3: Idea Prioritization:

5 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

6 Decide your focus

Give each person two icons to vote which idea should your team focus on & assign the duties & responsibilities.

5 minutes

KUMUD	Mukesh
Backend and Intergration	Backend and MLA
Manuteja	Koushik
Frontend and Design	AI and Utils

Whats Next...

1. Plan and code an efficient model and train it with the correct hyperparameters to produce a probable and accurate result.
2. Enhance the system to work in a proper environment in an integrated manner to yield a cohesive solution.
3. Create a proper frontend dash to give critical information with utmost clarity and least delay.
4. Comeup with the solution that is minimal, portable less intrusive and cost effective...