# Ideation Phase Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	
Project Name	
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

#### **PROBLEM**

How can we create a foolproof system to detect active drowning victims in public swimming pools?

Step-2: Brainstorm, Idea Listing and Grouping

### **Shashank Panda**

The app can be added to mobile phones to alert owners

can also detect active drowning in pets like dogs, cats

can have a mechanism to throw safety floatation devices towards victim

cameras on swimmers bodies instead of poolside

# Aditya Pahadsingh

mandate contrasting color scheme so that detection is easier

inside pool to detect underwater drowning

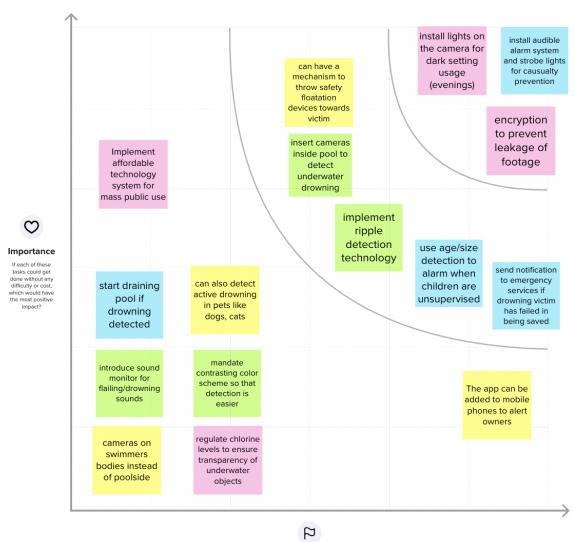
insert cameras

implement ripple detection technology

introduce sound monitor for flailing/drowning sounds

#### **Tushar Nair** Sai Shridhar use age/size Implement regulate chlorine install audible affordable detection to levels to ensure alarm system technology transparency of alarm when and strobe lights system for underwater for causualty children are objects prevention mass public use unsupervised send notification install lights on encryption start draining to emergency the camera for to prevent pool if services if dark setting drowning victim drowning leakage of usage has failed in detected footage (evenings) being saved

# **Step-3: Idea Prioritization**



Feasibility

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