Ideation Phase
Brainstorm & Idea Prioritization
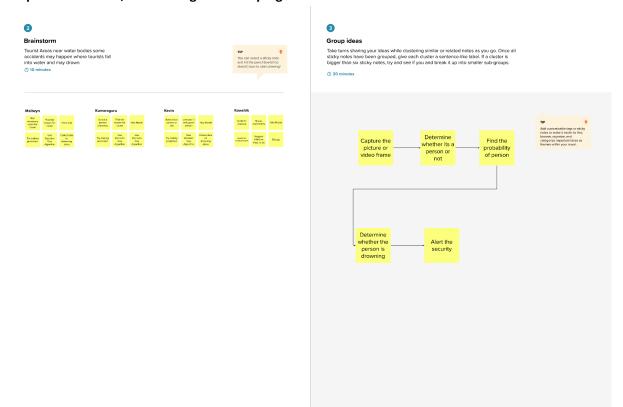
Date	19 September 2022
Team ID	PNT2022TMID02730
Project Name	VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization :

1

Define your problem statement

To detect a person who can be drowning in water bodies and alert the security

⏱ **5 minutes**

PROBLEM

How might we detect a drowning people in any water bodies?

Key rules of brainstorming

To run an smooth and productive session

Stay in topic.   Encourage wild ideas.

Defer judgment.   Listen to others.

Go for volume.   If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

Brainstorm

Tourist Areas near water bodies some accidents may happen where tourists fall into water and may drown

🕐 10 minutes

TIP
You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!

Mellwyn

find necessary score for model	Find the reason for model	Front-end
Try making prediction	Use Decision Tree Algorithm	Collect data on drowning place

Kumaraguru

Detect a person drowning	Find the reason for model	Yolo Model
Try making prediction	Use Decision tree Algorithm	Use Decision tree Algorithm

Kevin

detect is a person or not	compare it with given person	Yolo Model
Try making prediction	Use Decision tree Algorithm	Collect data on drowning place

Kowshik

Guide to improve	Share repository	Yolo Model
Guide to maintenance	Suggest effective ways to do	Debug

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕐 20 minutes

TIP
Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.
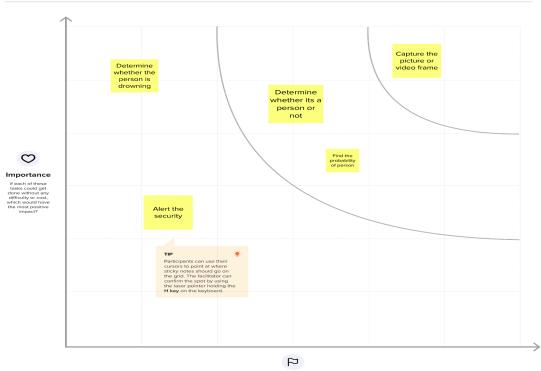
Step-3: Idea Prioritization

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**

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Determine whether the person is drowning

Determine whether its a person or not

Capture the picture or video frame

Find the probability of person

Alert the security

TIP
Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H key** on the keyboard.

Feasibility

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