Template

VirtualEye

The individual virtual eye is **a computer model of a human eye that accounts for its optical properties**, and which is designed to contribute to all fields of research where ray tracing has been used so far

10 minutes to prepare
1 hour to collaborate
2-5 people recommended

++++++s
hare template feedback

Beforeyoucollaborate

Give and receive feedback from peers or other team members in order to perform the task , share credit for good ideas with others.

10 minutes

Team gathering
Coming together is a beginning. Keeping together is progress. Working together is success.

Set the goal
Before anything else, preparation is the key to success.

Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happy and productive session.

Open article

1 *HowMightWe*

What's the best outcome you can think of for this project? What's the worst outcome you can think of for this project?

5 minutes

PROBLEM

There are some specially abled people who are mute and dumb could not able to communicate with other people and find it difficult. To help them communicate an application is built using AI

Key rules of Brainstorming

To run an smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

2 *Brainstorm*

To try to solve a problem or come up with new ideas by having a discussion that includes all members of a group.

10 minutes

TIP
Give Your Brain a Refresh.

Balaji

- High level testing must be carried out before real world deployment.
- Proper hyperparameters must be found for the model
- Requires HD cameras for good quality frames to be processed
- Make sure the stakeholders know, how the system works.

Karthick

- optimised feed transfer to achieve live replay will be BIW to get the classifiable video underwater
- able to process absolute drowning and also alerting the rescue team of passive possibilities as a probable instance
- ensuring the video feed is not being recorded or saved instead being used only for detection which is later discarded
- using alternative source of energy such as solar to make a green system but making sure to always have backup supply

JuliusCeaser

- The AI should be trained with more samples for better results
- There should be manual alert system in case of detection failure
- More cameras should be used to improve accuracy
- How will be the accuracy level in the system?

Dineshkumar

- system should detect multiple drowning and should report the same
- For privacy purpose the video stream should not be stored.
- cameras can be mounted on the bottom of foating boards for large swimming pools.
- The system shouldnt annoy others

Sathish

- What happens if animals were encountered in the pool?
- Use powerful algorithm to get trained from various datasets.
- AI should be trained in such a way that it should detect multiple drowning
- The network connectivity should be good for faster alert trasmission.

2 *Brainstorm*

Participants with different backgrounds, posing a clear problem, question or topic to the group,asking the group to generate solution or ideas with no criticism or attempts to limit the type and number of idea and discussing

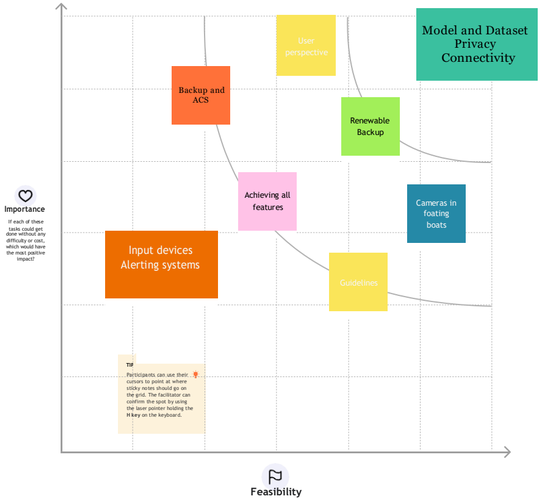
10 minutes

TIP
Surround yourself with creative people just start somewhere...

4 *Prioritize*

To put tasks, problem, etc.in order of importance, so that you can deal with the most important first.

20 minutes



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 M key on the keyboard.

After you collaborate

Project collaboration takes place when a group of people with varying skills and experience come together to tackle a single project

what next...

1. Plan and code an effecient 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 critial information with atmost clarity and least delay.
4. Comeup with the solution that is minimal, portable less intrusive and cost effective