Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID38698
Project Name	REAL- TIME COMMUNICATION SYSTEM POWERED BY AI FOR SPECIALLY ABLED
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.

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.

Reference: https://app.mural.co/t/skilljobrecommender6080/m/skilljobrecommender6080/1664443525852/1393822d7e2f4192fe8163a8ca91ededf24a2f1f?sender=u3b630fdc7a39485182dc1739

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

Indira

Two way communications for deef and dumbs

sign recognization

Image preprocessing and segmentation

Skin color detection

Manjamatha.

we can use both machine learning and deeplearning

Blob detection

template matching

people can use gloves to perform sign language and it will be converted into speech

Vijayalakshmi

we can create sign languages in videos are transfer into audios

Enables communication between deef and dumb person,s

Image Segementation

Associative degree language can be used

Subasri.

user will do different hand gesures in front of camera

accuracy depends on camera and object

Real time hand tracking and training gesture using pscudo two dimension hidden markov

used in kalman filter and hand blods analysis for hand tracking

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

Indira

Two communications for deef aand dumb

Manja matha

We can use both machine and deep learning

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Vijayalakshmi

We can create sign languages in videos are transfer into audios

Subasri

Accuracy depends on camera and object

Step-3: Idea Prioritization

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

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we can use both deep and machine learning]

Two communications for deef and dumb

we can create sign languages in videos are transfer into audios

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Importance

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

accuracy depends on camera and object

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.)