Ideation Phase
Brainstorm & Idea Prioritization Template

Date	21 November 2023
Team ID	Team-592184
Project Name	ASL-Alphabet Image Recognition
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

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

⏱ 10 minutes

Sunith Kumar

Create chatbots that understand and respond in ASL, offering a communication platform for deaf individuals .

Awareness campaigns to educate the general public about the importance of ASL.

Wearable smart devices with embedded sensors and AI that can detect and translate ASL signs in real time.

Integrate ASL recognition into gaming experiences, enabling players to use sign language for in-game commands and communication.

Vanshika

Develop interactive storytelling apps for children that use ASL recognition to translate written stories into sign language.

Create interactive online platforms that use ASL recognition for teaching sign language, offering learning experiences.

Implement ASL recognition in smart home devices, allowing users to control lights, appliances, and other devices using sign language.

Incorporate ASL recognition into social media platforms, allowing users to share videos in sign language.

Basera

Implement ASL recognition technology in educational settings to provide real-time transcription of spoken content for deaf or hard-of-hearing students.

Create a mobile app that allows users to translate spoken or written language into ASL gestures and vice versa

Develop a crowd-sourced ASL dictionary app where users can contribute and share video clips of ASL signs.

Develop video conferencing platforms with ASL recognition features, making virtual meetings more inclusive for deaf professionals.

3

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 sticky notes , try and see if you can break it up into sub groups .

⏱ 15 minutes

TIP
You can use the **Voting session** tool above to focus on the strongest ideas.

Create chatbots that understand and respond in ASL, offering a communication platform for deaf individuals .

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Create a mobile app that allows users to translate spoken or written language into ASL gestures and vice versa

Incorporate ASL recognition into social media platforms, allowing users to share videos in sign language.

Awareness campaigns to educate the general public about the importance of ASL.

Implement ASL recognition technology in educational settings to provide real-time transcription of spoken content for deaf or hard-of-hearing students.
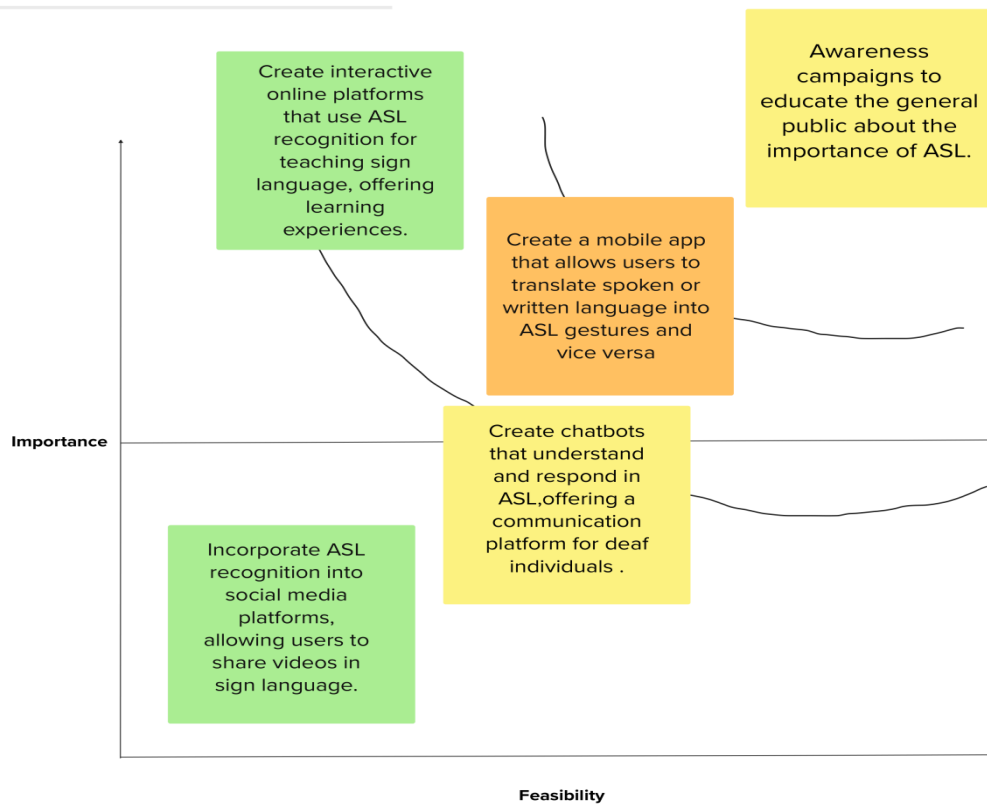
Step-3: Idea Prioritization

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.

⏱ **15 minutes**

Create interactive online platforms that use ASL recognition for teaching sign language, offering learning experiences.

Awareness campaigns to educate the general public about the importance of ASL.

Create a mobile app that allows users to translate spoken or written language into ASL gestures and vice versa

Importance

Create chatbots that understand and respond in ASL,offering a communication platform for deaf individuals .

Incorporate ASL recognition into social media platforms, allowing users to share videos in sign language.

Feasibility

Reference: