IDEATION PHASE

Brainstorm & Idea Prioritization

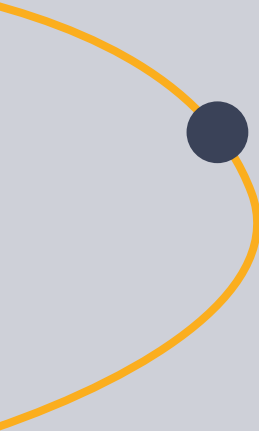|	
Date	18 October 2022
Team ID	PNT2022TMID27699
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	4 Marks

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Problem Statements

Here we will discuss what kind of problems disabled people face

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Team 's Ideas

Here we listen to each of our teammates ideas

Organizing Ideas

This section will be about organizing the ideas as Similar/Unique

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Ranking Ideas

Here we will rank the ideas and see which one to prioritize

Problem Statement

First we analysis what kind of problem the disabled person is facing, after analysing it we can proceed to the other step.

01

Problem Overview

Problem 1

I am	I'm trying to	But	Because	Which makes me feel
Disabled person	Communicate online, and use applications without any struggles	I can't send any mails or make phone calls	Of my disability	Annoyed

Team's Idea

After reviewing the problems, we as a team will come up with individual ideas which will help the disabled person to overcome their problem without any struggle.
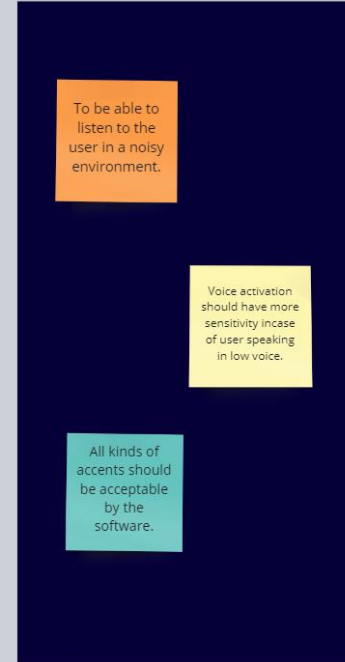
02

Our Ideas

Team Leader – Suraj K

Launch the app using voice and signs commands

Should contain multiple datasets for different muscle structure

Easier HUD to operate the app

Overlay option on other applications should be enabled

Should contain multiple datasets for different languages

Surya Moorthy K

Including speech to text in the software for easy communication with other end users

Accessing any application using speech with the help of our software

Zaffer Ahmed H M

Usage of text to speech for visually challenged individuals

Software to understand the exact words the user is saying

Shadrach Gideon S P

To be able to listen to the user in a noisy environment.

Voice activation should have more sensitivity incase of user speaking in low voice.

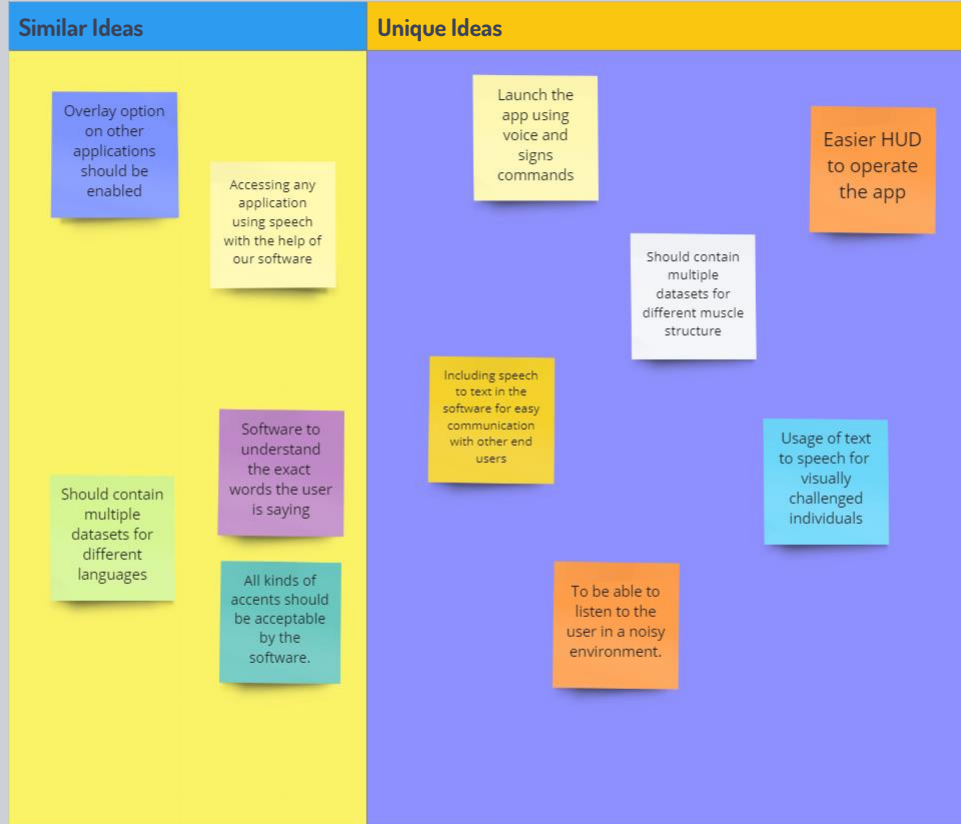All kinds of accents should be acceptable by the software.

Organizing Ideas

We here will organize our ideas, see what ideas are similar and unique. This way, it will be much easier to understand which ideas to prioritize.
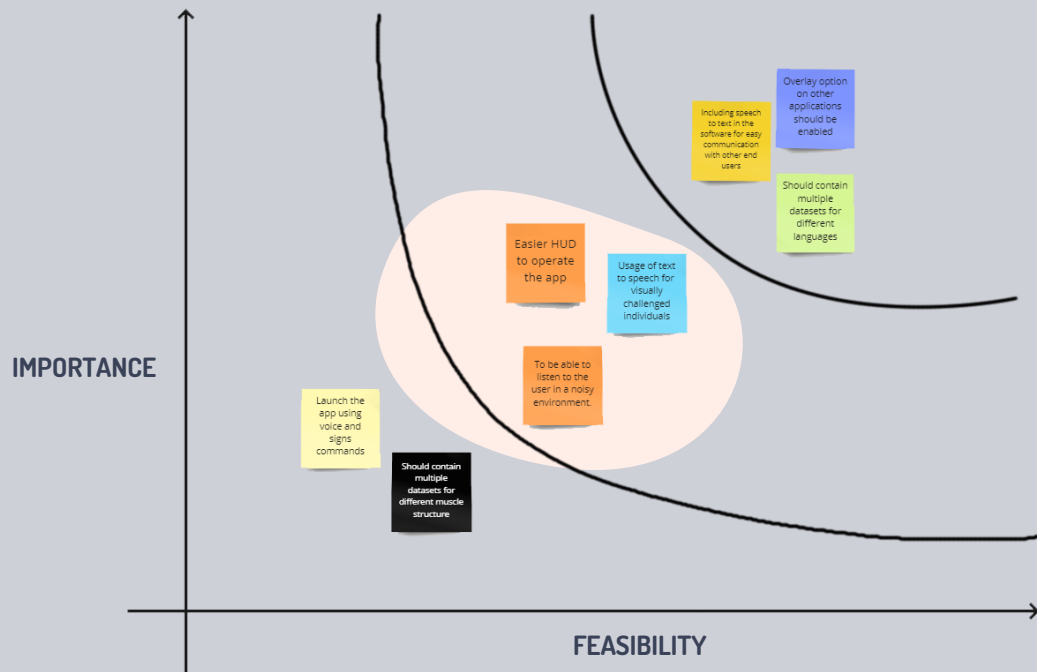
03

Organizing Our Ideas

Similar Ideas	Unique Ideas

Similar Ideas:

- Overlay option on other applications should be enabled
- Accessing any application using speech with the help of our software
- Software to understand the exact words the user is saying
- Should contain multiple datasets for different languages
- All kinds of accents should be acceptable by the software.

Unique Ideas:

- Launch the app using voice and signs commands
- Easier HUD to operate the app
- Should contain multiple datasets for different muscle structure
- Including speech to text in the software for easy communication with other end users
- Usage of text to speech for visually challenged individuals
- To be able to listen to the user in a noisy environment.

04

Ranking Ideas

After organizing the ideas, we can proceed to the step where we declare which ideas we should mainly focus on.

THANK YOU