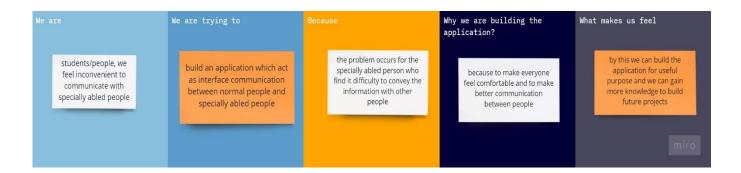
Ideation Phase Define the Problem Statements

| Date | 19 October 2022 | |
|---------------|--|--|
| Team ID | PNT2022TMID36394 | |
| Project Name | Real-Time Communication System Powered by AI for Specially Abled | |
| Maximum Marks | 2 Marks | |

PROBLEM STATEMENT:

To develop an automatic sign language recognition system with the help of image processing and computer vision techniques. To use natural image sequences, without the signer having to wear data gloves or colored gloves, and to be able to recognize hundreds of signs. The motivation for this work is to provide a real time interface so that signers can easily and quickly communicate with non-signers. To efficiently and accurately recognize signed words, using a minimal number of training examples.



| Problem Statement (PS) | We are | We are trying to | Because | Why we are building the application? | Which makes us feel |
|------------------------------|---|--|--|--|---|
| PS-1 | students/people, we feel inconvenient to communicate with specially abled people | build an application which act as interface communication between normal people and specially abled people | the problem occurs for the specially abled person who find it difficulty to convey the information with other people | because to make everyone feel comfortable and to make better communication between people | by this we can build the application for useful purpose and we can gain more knowledge to build future projects |