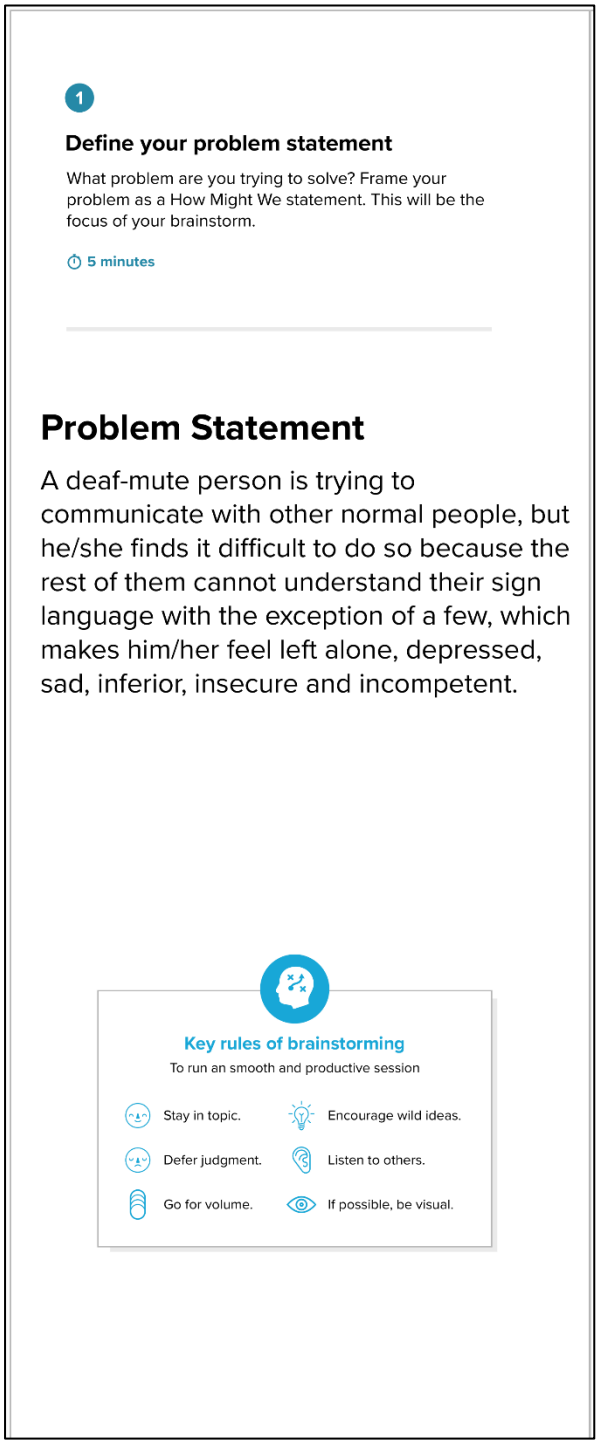
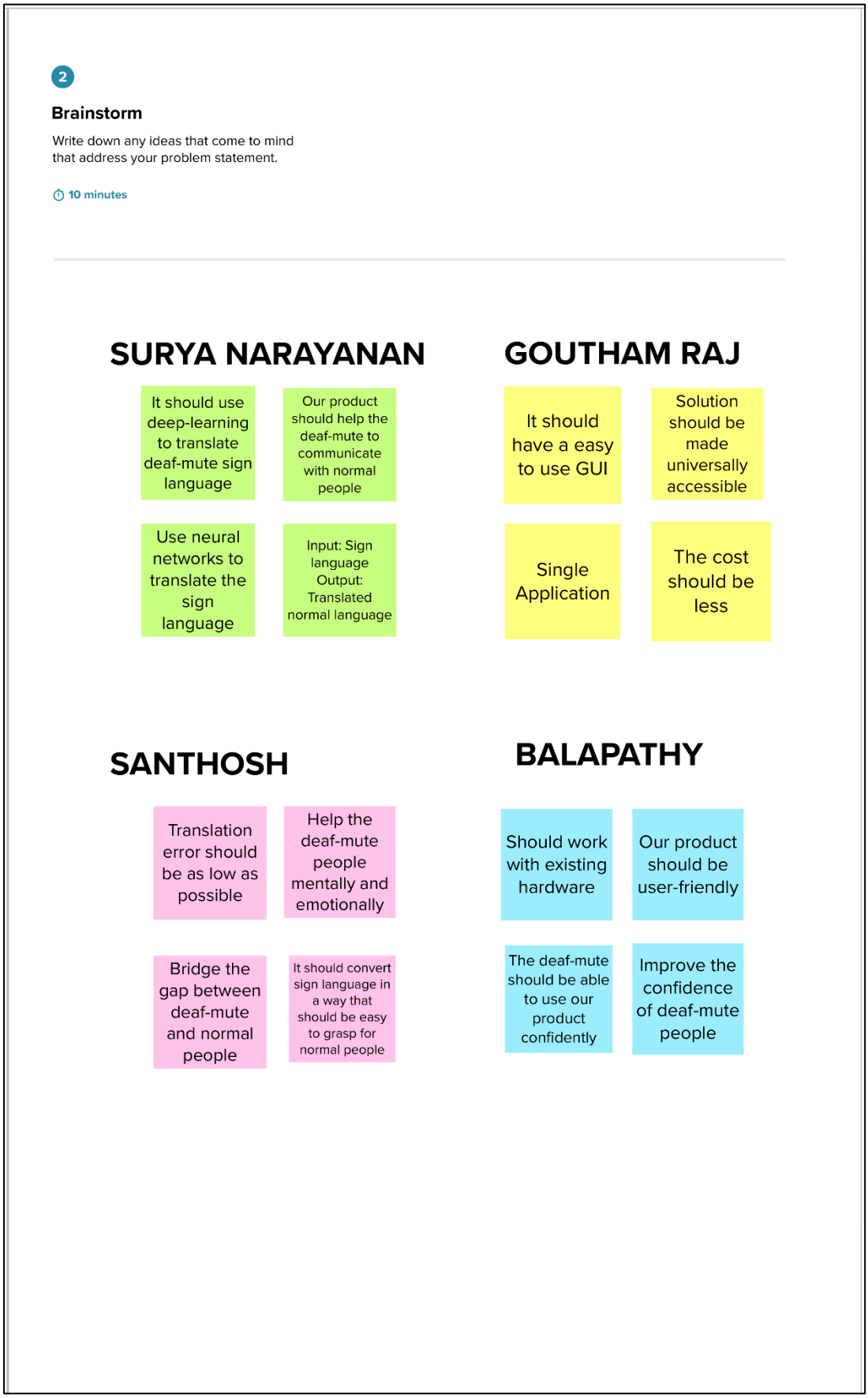
Ideation Phase
Brainstorm & Idea Prioritization

Date	19 September 2022
Team ID	PNT2022TMID06610
Project Name	Project – Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	4 Marks

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



Step-2: Brainstorm, Idea Listing and Grouping:



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 six sticky notes, try and see if you and break it up into smaller sub-groups.

20 minutes

SOLUTION SPECIFIC

- It should use deep-learning to translate deaf-mute sign language
- Single Application
- Translation error should be as low as possible
- Use neural networks to translate the sign language
- Input: Sign language Output: Translated normal language
- It should have a easy to use GUI

USABILITY

- Our product should be user-friendly
- The deaf-mute should be able to use our product confidently
- It should convert sign language in a way that should be easy to grasp for normal people

IT SHOULD SOLVE

- Help the deaf-mute people mentally and emotionally
- Bridge the gap between deaf-mute and normal people
- Our product should help the deaf-mute to communicate with normal people
- Improve the confidence of deaf-mute people

CONSIDERATIONS

- Should work with existing hardware
- The cost should be less
- Solution should be made universally accessible

Step-3: Idea Prioritization: