

## Project Design Phase-I

### Problem solution fit

Date	19 September 2022
Team ID	PNT2022TMID38698
Project Name	REAL-TIME COMMUNICATION SYSTEM POWERED BY AI FOR SPECIALLY ABLED
Maximum Marks	2 Marks

#### 1. CUSTOMER SEGMENT(S)

Deaf-mute and a Normal person  
(All types of age groups)

CS

#### 6. CUSTOMER CONSTRAINTS

Network connection, low cost internet and Data safety.

CC

#### 5. AVAILABLE SOLUTION

In this application offers the accuracy for all to learn sign language and thereby reach out to the deaf-mute more easily.

AS

#### 2. JOBS-TO-BE-DONE / PROBLEMS

There converts the sign language into a human hearing voice in the desired language to convey a message to normal people, as well as convert speech into understandable sign language for the deaf and dumb.

#### 9. PROBLEM ROOT CAUSE

Communication between deaf-mute and a normal person has always been a very difficult and challenging task.

RC

#### 7.BEHAVIOUR

Find the right way to learn the sign language easy , understand ,phrases and illustration.

BE

Focus on I&D, tap into DE

on J&P, tap into BE.

**3. TRIGGERS**

Normal people are not trained on hand sign language in emergency times conveying their message is very difficult to deaf-mute people. So, there are installing app for learning of sign language easily.

TR

**4. EMOTIONS: BEFORE / AFTER**

Communication between deaf-mute and a normal person has always been a very difficult and challenging task./After user can enables Deaf and Dumb people to convey their information using signs to understand easily.

EM

**10. YOUR SOLUTION**

We makes learning of sign language easy to understand.

So,we can improve accuracy for all sign language and thereby reach out to the deaf more easily.they aim to make a lasting impact on the future of deaf or hard of hearing peoples by providing them access to early identification.

SL

**8. CHANNELS of BEHAVIOUR****8.1.ONLINE**

Customized mobile app is available in online.

**8.2.OFFLINE**

Customer can downloads the videos on online that watch in offline.

CH



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