Project Title: Real-Time Communication System Powered by AI for Specially Abled Project Design Phase-I - Problem Solution Fit **Team ID: PNT2022TMID04485** 6. CUSTOMER CC 5. AVAILABLE SOLUTIONS 1. CUSTOMER SEGMENT(S) CS Who is your customer? CONSTRAINTS Deaf and mute kids find it difficult to start learning sign language. Deaf and mute kids who are finding We are aiming to specialize in a particular it difficult to communicate with normal people using sign language. field that focusses on deaf and mute kids who are just learning sign language and allowing them to recognize the English Alphabets. J&P RC 2. JOBS-TO-BE-DONE / 9. PROBLEM ROOT CAUSE 7. BEHAVIOUR **PROBLEMS** Hearing disabilities and talking problems are becoming There are many applications that has the ability to convert sign language to text or speech using artificial common among kids. Solving the problem of recognizing inteligence. alphabet sign language. 3. TRIGGERS 10. YOUR SOLUTION **8.CHANNELS of BEHAVIOR** SL CH TR Our solution is to specialize in a Tough to communicate with other kids of particular field that focuses on their age Difficulty in communicating with deaf and mute kids who are just normal people. Being left out from social activities learning sign language and Not being understood. allowing them to recognize the Being left out from important English alphabet easily. discussions 4. EMOTIONS: BEFORE / **AFTER**

Define CS, fit into CC

Frustrated
Overwhelmed
Lonely
Unwanted
Angry
Left out
Neglected
Fear