

PROJECT DESIGN PHASE 1
PROBLEM SOLUTION FIT DOCUMENT

Date	05 October 2022
Team ID	PNT2022TMID29406
Project Name	Project - Real Time Communication System Powered by AI For Specially Abled

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS Differently abled person who can't able to convey their message to others uses this application	6. CUSTOMER CONSTRAINTS CC Network connection is not stable at every place	5. AVAILABLE SOLUTIONS AS online site to convert the differently abled person's sign language into human voice but the voice is provided only in english which is not convenient for everyone	Explore AS, differentiate					
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS J&P Existing application the language that converts to human voice is only in english that is not convenient to everyone	9. PROBLEM ROOT CAUSE RC Existing solution will not provide them correct sign language and also the language cannot be changed as per their wish in which they are convenient	7. BEHAVIOUR BE When users cannot able to find appropriate sign language they get unhappy When sign language is not found accordingly, their message is not conveyed effectively	Focus on J&P, tap into BE, understand RC					
Identify strong TR & EM	3. TRIGGERS TR More opportunities to get connected to everyone 4. EMOTIONS: BEFORE / AFTER EM <table> <tr> <td>BEFORE</td> <td>AFTER</td> </tr> <tr> <td>Stressed Unsatisfied</td> <td>Connected to everyone and feeling happy</td> </tr> </table>	BEFORE	AFTER	Stressed Unsatisfied	Connected to everyone and feeling happy	10. YOUR SOLUTION SL The system converts the sign language into human voice in which it converts only in english which is not convenient for everyone so here i'm using google translator and changing the language as per the user wish		8. CHANNELS of BEHAVIOUR CH ONLINE Input the sign languages which is to be converted to human voice OFFLINE Final conversion of human voice Conversion of human voice to sign language	Identify strong TR & EM
BEFORE	AFTER								
Stressed Unsatisfied	Connected to everyone and feeling happy								