

PROJECT DESIGN PHASE 1

PROBLEM SOLUTION FIT DOCUMENT

Team ID	PNT2022TMID44336
Project Name	Project - Real Time Communication System Powered by AI For Specially Abled

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS	Differntly 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
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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
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Identify strong TR & EM

3. TRIGGERS TR	More opportunities to get connected to everyone	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				
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				
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Identify strong TR & EM