

PROJECT DESIGN PHASE-I - SOLUTION FIT TEMPLATE

Project Title: Real-Time Communication System Powered by AI for Specially Abled

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Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS Specially abled people.	6. CUSTOMER CONSTRAINTS CC Specially abled person can only communicate with other specially abled other in sign. So they feel difficult to communicate with normal people.	5. AVAILABLE SOLUTIONS AS There are many solution for this problem. But available applications image processing is not so efficient.	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS J&P Solving the problem by recognizing/understanding sign language.	9. PROBLEM ROOT CAUSE RC Less Human interaction between specially abled people and normal people. Feels difficulty communicating in necessary situation.	7. BEHAVIOUR BE Recognizing the correct sign language and converting into better communication.	
Focus on J&P, tap into BE, understand RC				Focus on J&P, tap into BE, understand RC

Identify strong TR & EM	3. TRIGGERS TR Specially abled people wants to interact with everyone.	10. YOUR SOLUTION SL Created an application using AI. This application converts the sign language into text or voice.	8.CHANNELS of BEHAVIOUR CH 8.1 ONLINE In online mode customer can get updates if any extra features added for better performance. 8.2 OFFLINE The customer can use this application in offline mode. The sign language will be recognized in offline mode.	Identify strong TR & EM
	4. EMOTIONS: BEFORE / AFTER EM Feels lonely and loss their happiness but by using using this application they can easily communicate with everyone.			