

Project Design Phase-I - Solution Fit Template

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

Team ID: PNT2022TMID29109

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) Specially abled person (i.e., Deaf and Dumb person). CS	6. CUSTOMER CONSTRAINTS The non availability of devices. CC Trust towards technology.	5. AVAILABLE SOLUTIONS Using the computer vision (i.e., to capture the hand sign language) Software for translating the sign language. AS	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS Creating a translation software that translates sign language to natural language. J&P	9. PROBLEM ROOT CAUSE No translation medium or a translator to translate sign language. RC	7. BEHAVIOUR The customer needs to perform the action in front of the camera so that the message he/she wants to convey can be translated. BE	
Focus on J&P, tap into BE, understand RC				Focus on J&P, tap into BE, understand RC
Identify strong TR & EM	3. TRIGGERS When the user sees people trying to use the translator which triggers them or when they see advertisements. TR	10. YOUR SOLUTION Making an app and introducing additional features so that it satisfies the customer needs. The app mostly focuses on the translator. SL	8. CHANNELS OF BEHAVIOR 8.1 ONLINE The customer needs to open their camera so that the software can capture the signs. 8.2 OFFLINE The customer just needs to check the converted message is what they tried to convey. CH	Identify strong TR & EM

	<div data-bbox="168 63 472 89" data-label="Section-Header"><p>4. EMOTIONS: BEFORE / AFTER</p></div> <div data-bbox="736 60 777 92" data-label="Text"><p>EM</p></div> <div data-bbox="168 97 799 146" data-label="Text"><p>They feel little doubtful before the app and once they use they will be happy</p></div>			
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