

Project Design Phase-I - Solution Fit

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

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Define CS, fit into	1. CUSTOMER SEGMENT(S) CS <ul style="list-style-type: none"> Deaf and Mute Peoples, Normal People, 	6. CUSTOMER CONSTRAINTS CC <ul style="list-style-type: none"> Real time use application may fail in some areas like background disturbance etc. 	5. AVAILABLE SOLUTIONS AS <ul style="list-style-type: none"> Text to Speech Service Online Assistants such as Google assistants, Siri etc. 	Explore AS, differentiate
Focus on J&P, tap into BE, understand	2. JOBS-TO-BE-DONE / PROBLEMS J&P <p>Have a communication between normal person and specially abled person</p>	9. PROBLEM ROOT CAUSE RC <p>Communication for specially abled people was hard with normal people as everyone does now know sign language</p>	7. BEHAVIOUR BE <p>Recognition of Sign Language and accurate conversion in real- time for communication</p>	Focus on J&P, tap into BE, understand
Identify strong TR & EM	3. TRIGGERS TR <ul style="list-style-type: none"> Advertising and creating awareness through Social Media, Television etc. Lack of communication with other people will break their moral strength 	10. YOUR SOLUTION SL <p>Creating a app so that it translates audio to sign and vice versa in real time so the communication bridge is build</p>	8. CHANNELS of BEHAVIOUR CH <p>8.1 ONLINE The specially abled person can use Audio to Sign translation or vice - versa.</p> <p>8.2 OFFLINE People can apply for Sign language course to communicate to the specially Disabled People.</p>	Identify strong TR & EM
	4. EMOTIONS: BEFORE / AFTER EM <p>Before communication was not proper/possible between these two people</p> <p>After using this application communication between these two people has brought a proper communication between them</p>			