

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 BE, understand RC	1. CUSTOMER SEGMENT(S) CS <ul style="list-style-type: none"> Deaf and Dumb Peoples, Specially Abled Persons, Normal People who wants to communicate with the Deaf and Dumb people 	6. CUSTOMER CONSTRAINTS CC <ul style="list-style-type: none"> They can only communicate with the people who knows sign language 	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 RC	2. JOBS-TO-BE-DONE / PROBLEMS J&P <p>Unable to communicate/ express their thoughts and feelings to other peoples.</p>	9. PROBLEM ROOT CAUSE RC <p>Normal people unable to understand what the specially abled person tried to convey through sign language</p>	7. BEHAVIOUR BE <p>Recognition of Sign Language and accurate conversion in real- time for hassle free communication</p>	Focus on J&P, tap into BE, understand RC
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 4. EMOTIONS: BEFORE / AFTER EM <p>Before using the application, they worried about communicating with others because the other person don't understand the sign language</p> <p>After using the application they can use sign Language for communication which is then converted to Human Understandable</p>	10. YOUR SOLUTION SL <p>Creating an application for specially abled person which converts Sign Language to Speech and Vice versa, which helps the person to express their thoughts and feelings to others.</p>	8.CHANNELS of BEHAVIOUR CH <p>8.1 ONLINE The Specially abled person can use text to speech 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

