

PROBLEM SOLUTION FIT

Team ID : PNT2022TMID06334

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

Define CS, fit into CC	1.CUSTOMERSEGMENT(S) Who is your customer? i.e. working parents of 0-5y.o.kids The deaf and dumb, whom we collectively term as the “Specially-abled” people.	6.CUSTOMERCONSTRAINTS What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices. A cochlear implant is an implanted electronic medical device that can produce useful hearing sensation by electrically stimulating nerves inside the inner ear	5.AVAILABLESOLUTIONS Which solution is available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking Deaf and dumb tend to write or text in order to communicate which is found unviable in absence of necessary materials. They also make use of lipreading, gestures and pointers to communicate.	Explore AS, differentiate
	2.JOBS-TO-BE-DONE/PROBLEMS Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore Any denial of opportunity is not simply a result of bodily limitations. It is also down to the attitudinal, social, and environmental barriers facing disabled people.	9.PROBLEMROOTCAUSE What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations. Normal people don't take any effort to learn sign language which makes the communication with the specially-abled difficult.	7.BEHAVIOUR What does your customer do to address the problem and get the job done? i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace) Directly related : D-Talk, sign language, message conversion, hand gesture, mental damage, difficulty to communicate. Indirectly associated : Empowered technology, completely paralyzed, noble cause, using sensors in day to day life, environmental threats affect their life difficulty in society.	
Focus on J&P, map into BE, understand RC	3.TRIGGERS What triggers customers to act? i.e. seeing their neighbor installing solar panels, reading about a more efficient solution in the news. The ease of communication by normal people	10.YOURSOLUTION If you are working on an existing business, write down your current solution first, fill in the canvas and check how much it fits in reality. If you are working on a new business proposition then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations solves a problem and matches customer behaviour. To develop a web based application to facilitate the communication between the normal and he specially-abled people using advanced deep learning algorithm	8.CHANNELSofBEHAVIOUR 8.1 ONLINE What kind of actions do customers take online? Extract online channels from #7 Applications like twitter, WhatsApp, instagram etc... 8.2 OFFLINE What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development. Local community camps conducted by NGOs, advertorial posters and interpreters.	Extract online & offline CH or BE
Identify strong TR & EM	4.EMOTIONS:BEFORE/AFTER How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control-use it in your communication strategy & design. They lose their confidence and they feel unlike whose have the inferiority complex to own			