

Problem-Solution Fit canvas

Purpose / Vision

Version:

Define CS, fit into CL	1. CUSTOMER SEGMENT(S) CS <p>People who lost their speech or hearing ability by birth or due to some other factors.</p>	6. CUSTOMER LIMITATIONS CL <small>EG. BUDGET, DEVICES</small> <p>Difficult accessibility, not user friendly, need more technical knowledge to handle, cost, etc. There are so many choices of solutions available but due to these some constraints, choices of solutions were limited.</p>	5. AVAILABLE SOLUTIONS AS <small>PLUSES & MINUSES</small> <p>The first ever approach to sign language it has only 6 sign gestures detection. Using coloured hands for hand position recognition. But our model is trained to detect different sign languages without any colour gloves, using bare hands only.</p>	Explore AS, differentiate
	Focus on PR, tap into BE, understand RC	2. PROBLEMS / PAINS PR <small>+ ITS FREQUENCY</small> <p>Deaf and dumb people couldn't able to convey their messages to the normal people easily. Deaf people cannot hear the words as others speaks and dumb people cannot express their feelings by words.</p>	9. PROBLEM ROOT / CAUSE RC <p>In Previously developed solution, they have to use coloured hand gloves for hand position recognition. Also, the old method uses traditional translators which take too much of time to process.</p>	
Identify strong TR & EM		3. TRIGGERS TO ACT TR <p>By comparing normal people, Specially-Abled people should depend on others and want to live their life independently like other people</p> <hr/> 4. EMOTIONS EM <small>BEFORE / AFTER</small> <p>BEFORE: It is very difficult to convey the message to normal people</p> <p>AFTER: They overcome their reluctance to have communication with normal people.</p>	10. YOUR SOLUTION SL <p>Using SSD ML algorithm recognizing the signs as words instead of old traditional translators, that are very slow and take too much since every alphabet as to be recognized to form the whole statement in old methods.</p>	8. CHANNELS of BEHAVIOR CH <p>ONLINE</p> <p>Advertise on online with influencers to test the product and promote it also on blog channels</p> <hr/> <p>OFFLINE</p> <p>On offline, we have our product experience stores where our customer can experience the product in real</p>



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