

Project Design Phase-I Proposed Solution Fit

Date	29.09.2022
Team ID	PNT2022TMID50654
Project Name	Real time communication powered by AI for Specially abled
Maximum Marks	2 Marks

Proposed Solution Fit:

1.CUSTOMER SEGMENT (CS)	6.CUSTOMER CONSTRAINTS (CC)	5.AVAILABLE SOLUTIONS (AS)
Specially abled persons such as deaf and dumb people. The normal people who are trying to communicate with them are the customers	The sign language is not understandable to all. The difficulty in understanding the sign language by normal people	Using text type writers and AI Based devices i.e. voice recognition.
2.JOB TO-BE-DONE/ PROBLEMS (J&P)	9.PROBLEM ROOT CAUSE (RC)	7.BEHAVIOUR (BE)
Create a communication link between deaf and dumb and normal people Understanding inputs from the user may take a lot of efforts.	The communication barrier is the root cause. During emergency the specially abled people cannot contact or express their feelings to others (normal people). The feeling cannot be shared with others they feel stressed.	Customers try to find a device that helps in emergency situation.
3.TRIGGERS (TM)	10.YOUR SOLUTION (SL)	8.CHANNELS of BEHAVIOUR (CH)
Ability of the customers to communicate efficiently at serious and necessary situations.	This device helps in emergency situations to contact. The customer can share their feelings and also helps in expressing emotions and their motives.	ONLINE Using online translation OFFLINE They buy devices that help in translating sign language to text and vice versa.
4.EMOTIONS BEFORE(AFTER) (EM)		
After: Customer gain a better understanding of the needs of specially abled. They feel secured and it brings confidence in them. Before: Lacking of self-confidence. Feeling anxious of interacting with people.		