

REAL-TIME COMMUNICATION SYSTEM POWERED BY AI FOR SPECIALLY ABLED

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As you add steps to the experience, move each thes "Five Es" the left or right depending on the scenario you are documenting.

SCENARIO Browsing, Recognizing and Translating to a communicate with people	Entice How does someone initially become aware of this process?	Enter What do people experience as they begin the process?	Engage In the core moments in the process, what happens?	Exit What do people typically experience as the process finishes?	Extend What happens after the experience is over?
Steps What does the person (or group) typically experience?	Communication with Normal people Communications between deaf-mute and a normal person has always been a challenging task Communication with Deaf people Voice Conversion System will be useful to have a proper conversation Visit Apps With Dumb people It is difficult mute people to convey their message to normal people to convey their information using signs	Open the Application App enables deaf and dumb people to convey their information easily and efficiently Allow Camera Sign language Record the Sign language Hand Gesture Recognition and translation will be done Hand Gestures are used as sign language Converted the sign language into human hearing voice in the desired language	Application An Application enables to convey their information easily and efficiently Recognition of Sign language and Voice communication Voice Conversion System with Hand Gesture Recognition and translation is used for proper conversation A proper conversation between a normal person and specially abled person in any language	People to convey their information using signs which get converted to human-understandable language Report The customer writes review on the application to update or for bug issue	Eazy and Efficient Communication is done Through an application, it is very easy and efficiently for usage Learned about Hand gestures and Signs Normal people are trained on hand sign language and aware on it
Interactions What interactions do they have at each step along the way? People: Who do they see or talk to? Places: Where are they? Things: What digital touchpoints or physical objects would they use?	of browser	See different version of application Will be very usefu to have a proper conversation Hand gestures are used for communication text Text to speech and speech to text	Interaction with people about real-look into the application and communication Now, people can look into the application and understand it	Reviews are writter in the profile of the application on sign language	Recommend other users to interact with the people Recommend to use the application to access the information of sign languages
Goals & motivations At each step, what is a person's primary goal or motivation? ("Help me" or "Help me avoid")	To decrease the effect of loneliness To get the effective communication in an application languages To be aware of hand signs and languages	Firstly, we have enter into the application To recognise and translate the sign language in the application Signs, which get converted to human-understandable language and speech	To have accurate constraint on communication and translate voice and hand gestures	Leave with satisfaction after existing the application	Application can be shared with others to be aware about sign language Feedback review can be able to do updates in the application
Positive moments What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?	Get the easy and effective communication of people of deaf/ dumb for various purposes	Doing the experiment to get the effective communication We know the people condition and aware of signs	Real-time communication between the people and specially abled	Information about sign language helps people to communicate	Friendly user application easy to use and understand Solves the people's problems immediately
Negative moments What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?	No significant developments are undertaken for the betterment of deaf/ dumb No significant developments are undertaken for the betterment of deaf/ dumb Communication between deaf & dumb and a normal person has always been a challenging task It is difficult for dumb people to convey their message to normal people	Normal people are not trained on hand sign language	In emergency times conveying message is very difficult Conveying information in situations where other forms like speech cannot be used	Processing may be delayed	Operation and maintenance of the application by specially abled might be difficult
Areas of opportunity How might we make each step better? What ideas do we have? What have others suggested?	The processing and updating speed is increased economically	Get the speech or text in time with the application	To recognise and translate the hand gestures accurately	An application is built which uses this model	From these normal people are aware and trained on hand sign language