



REAL-TIME COMMUNICATION SYSTEM POWERED BY AI FOR SPECIALLY ABLED

TIP

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

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