CUSTOMER JOURNEY MAP:

PRODUCT NAME: REAL TIME COMMUNICATION SYSTEM POWERED BY AI FOR SPECIALLY ABLED

GOALS AND MOTIVATION	It aims to develop a communication between the mute people and the normal people.	It is developed to convert the sign language into a human hearing voice and viceversa.
TOUCHPOINT	We are making use of a convolution neural network to create a model that is trained on different hand gestures. It enables them to	By using AI we can do four major things such as understand or sense, use model to make decisions, learn, and interact with humans
POSITIVE	Artificial intelligence (AI)powered smart phone app for deaf and mute people,which it says offers a low cost and superior approach to translating sign language into text and speech in realtime.	AI technology solutions enable people with disabilities to gain more autonomy and be comfortable in their own.
NEGATIVE	Speech interpretation is helpful for sign language non-speakers who want the accompanying hand sign to be understood.Room conditions such as lighting can play a role in predicting the outcome of poor lighting.	The light that is either too bright or too dim will result in inaccurate hand segmentation,resulting in inaccurate gesture prediction
AREA OF OPPORTUNITY	AI-voice-assisted technologies, like Echo, Google Home, Alexa, have created new means of accessibility for disabled people. As Artificial Intelligence takes an important role in communication and interaction, the use of this technology	AI technology can empower people living with limited physical mobility. Microsoft's AI for Accessibility program uses the potential of Artificial Intelligence to develop solutions to many physical and
EXPERIENCE	By using this application there will not be any difficulties for the disabled people to convey their messages while delivering.	This project could built as a web or a mobile application for the users. In future it may be extended to work for other sign languages.