strong

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1. CUSTOMER SEGMENT(S)



Our customers are the people who are specially abled trying to communicate with the normal people

6. CUSTOMER CONSTRAINTS

The basic constraints that are required is a smart

phone having the application that can convert the

sign language into the human language



5. AVAILABLE SOLUTIONS



Explore AS, differentiate

Focus on J&P, tap into BE,

The available solutions were there are separate application for the sign language and human language. There are many institutions to learn the sign language.

2. JOBS-TO-BE-DONE / PROBLEMS



The main objective is to convert the sign language into human understandable language which helps the specially abled people to communicate without any hesitation and problems

9. PROBLEM ROOT CAUSE

to communicate.



There are many people even born deaf who cannot understand the sign language. So it is difficult to communicate with the normal people. so we built an application that helps the specially abled people

7. BEHAVIOUR



This application coverts the sign language into human understandable language and vice-versa when the user gives the sign language as an input or the human language

3. TRIGGERS



The deaf people only communicate through the sign language with everyone but others cannot understand the sign language. It triggers the deaf people to use this application for having a better communication with other.

4. EMOTIONS: BEFORE / AFTER



Before: Uncomfortable to communicate with the normal people as they don't understand the sign language.

After: A satisfaction of communicating without any hesitation with everyone.

10. YOUR SOLUTION



To develop an application that is used to convert the sign language into human understandable language. The gesture is compared by the Convolution Neural Network(CNN) and the output is converted into text format and voice note. To build an application we use a framework called Flask and the module is incorporated to develop a full fledged application for the end user.

8. CHANNELS of BEHAVIOUR



Online:

By advertising in the social medias that enhance the need of the application for the specially abled people who struggle to communicate and providing a secure platform.

Offline:

By conducting many seminars and awareness program about the need of the application.