Solution fit

1. CUSTOMER SEGMENT(S) `CS`

Specially abled people are the customers who are not able to easily communicate with normal people and vice versa .

6. CUSTOMER CONSTRAINTS `CC`

While communicating, they can only able to communicate with the people those who know sign language .

5. AVAILABLE SOLUTIONS `AS`

The available solutions are not so accuracy in image processing and the output was not so efficient and it takes time to learn for normal people .

2. JOBS-TO-BE-DONE / PROBLEMS `J&P`

Only sign language known people can communicate to specially abled people. Normal people cannot understand sign language .

9. PROBLEM ROOT CAUSE `RC`

Due to the inability to communicate with others , the specially abled people can't able to tell to normal people what they need and what they want.

7. BEHAVIOUR `BE`

Specially abled People usually get the help of the translators for them to communicate with normal people .

By using this application , the Specially abled People can communicate with normal people by capturing their hand gesture and classified them by the algorithm through the application and by converting them into audio or text the normal people can understand what the other person saying.

3. TRIGGERS

Some of the triggers are introducing in all hospitals, medical trusts and also in advertisements.

4. EMOTIONS: BEFORE / AFTER `EM`

Specially abled people usually hesitate to communicate with others but after using this system they can easily communicate with normal people and vice versa .

10. YOUR SOLUTION

Created an application using AI and ML , that will able to convert the sign language by image processing of the specially abled people which can be understood by normal people .

8. CHANNELS of BEHAVIOUR

8.1 ONLINE
We can update our application and use it in a very efficient way.

8.2 OFFLINE
In offline mode we use it but not so efficient as we need cannot scan new hand gesture to recognize .