Project Title: Real –Time Communication System Poewred by AI for Specially Abled **Project Design Phase –I:Solution Fit** **Team ID:PNT2022TMID40618**

Define CS, fit into CC

CS

1.CUSTOMER SEGMENT(S)

Specially abled people are the customers who are not able to easily communicate with others.

CC

6. CUSTOMER CONSTRAINTS

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

AS

5. AVAILABLE SOLUTIONS

The available solutions are not so accuracy in image processing and the output was not so efficient.

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

J&P

2.JOBS-TO-BE-DONE / PROBLEMS

Only sign language known people can communicate so we introduced a new system to communicate all specially abled people.

RC

9. PROBLEM ROOT CAUSE

Due to the inability to communicate with others by the specially abled people's

BE

7. BEHAVIOUR

Finding the right signs and converting into correct communication between the people's

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

TR

3. TRIGGERS

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

EM

4. EMOTIONS: BEFORE / AFTER

specially abled people hesitate to communicate with others but know using this system they can easily communicate with others.

10. YOUR SOLUTION

Created an application using AI , that will able to convert the sign language by image processing of the specially abled people.

CH

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 we can use it with a recently updated application.

Extract online & offline CH of BE

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