

PANIMALAR INSTITUTE OF TECHNOLOGY - 600123

Project Design phase – I Problem Solution fit

Project name: Real-Time Communication System Powered by AI for Specially Abled

Team Id : PNT2022TMID25963

1.Customer segments :-

The customers who are going to adapt this project contains of

- Physically challenged peoples (like deaf & blind)
- Aged people those need physical help

6.Customer constrains:-

The customer wants a device which could solve the problems in communication. When they need a help or they are in the absence of humans and that device should fulfill all the following constrains

- Cost efficient.
- Frequent & fast communication

5.Available solutions :-

The real – communication System Powered by AI for Specially Abled could be the best solution for this problem statement that has been provided by the special abled and also its specifically satisfies the customers constrains also.

2.Jobs to be done :-

The customer wants the immediate help from the communication system and get solution for their physical problems.

9.Problem route cause:-

The problem has its route stabled at the rate of the fastmoving world since people move most of times and since they have their work to be stagnated similarly.

7.Behavior:-

The customer needs frequent communication at the emergency situations though the real time communication system powered by AI for Specially Abled.

3.Triggers :-

Some of the triggers are advertisements in the television and information from the experts.

10.Solution:-

Our solution of this project is to monitor the activities of specially abled and take immediate actions when they need any physical help.

8.Channels of behavior:-

- The channels of behavior recombines the ration of the following

4.Emotions:-

With the modern world at emergency situations results unwanted loses but this device overcomes that defect.

- Online
- Offline

