Project Design Phase-I Proposed Solution System

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| **Date** | 16 october 2022 |
| **Team ID** | PNT2022TMID30648 |
| **Project Name** | Real-Time Communication System Powered by AI for Specially Abled |
| **Maximum Marks** | 2 points |

Proposed solution:

The Aim of our solution is to establish communication between the deaf-dumb and normal people to bring betterment for the society.

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| **S.No** | **Parameter** | **Description** |
| 1 | Problem statement (problem to be solved) | To address the challenges faced by deaf-mute persons in their daily life so they can interact with society and feel hopeful. |
| 2 | Idea / Solution description | Converting Sign language into human hearing speech, and vice versa using Convolution Neural Network in desired language(Two way Communication Method). |
| 3 | Novelty / Uniqueness | Deploying and improving our solution to provide Faster response in Desired language. |
| 4 | Social Impact / Customer Satisfaction | * The Application provides good Interfacing. * Improves the Communication between Normal People and Deaf-Dumb. * It leads to the development of technologically advanced society. * It will shatter all the barriers and will help to enhance their skills in a positive manner. |
| 5 | Business Model (financial Benefit) | * We will provide campaign awareness about the need of our application. * The application will be made available to more recipients, which will accelerate growth. |
| 6 | Scalability of Solution | * The user will find it very simple to use and update. * Encoding the errors and decoding with better accuracy. |