Project Design Phase-I Proposed Solution Template

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| **Date** | 19 October 2022 |
| **Team ID** | PNT2022TMID23730 |
| **Project Name** | Real-Time Communication System Powered by AI for Specially-Abled |
| **Maximum Marks** | 2 Marks |

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) | * The main objective is to build a communication system which enables communication between   a speech-hearing impaired and a normal person. |
| 2. | Idea / Solution description | * Converting sign language into voice and text in the desired language (two-way communication) using Convolutional Neural Network   technology. |
| 3. | Novelty / Uniqueness | * Deploying and improving our solution to provide faster response in Desired language. |
| 4. | Social Impact / Customer Satisfaction | * Improves the Communication between Normal People and Deaf-Dumb. * It increases the scope for career development. * It will shatter all the barriers and will help to enhance their skills in a positive manner |
| 5. | Business Model (Revenue Model) | * 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 the Solution | * The user will find it very simple to use and update. * Encoding the errors and decoding with better accuracy. |