**Project Design Phase-I**

**Proposed Solution Template**

|  |  |
| --- | --- |
| Date | 24 September 2022 |
| Team ID | PNT2022TMID33016 |
| Project Name | Project – Real time communication powered by AI for specially abled |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

|  |  |  |
| --- | --- | --- |
| **S.No** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Existence of complications in understanding inputs from user. |
|  | Idea / Solution description | Real-time captioning or translations for people with a hearing impairment or even people who don’t speak the language. |
|  | Novelty / Uniqueness | We are making use of a convolution neural network to create a model that is trained on different hand gestures. |
|  | Social Impact / Customer Satisfaction | Voice Conversion System with Hand Gesture Recognition and translation will be very useful to have a proper conversation between a normal person and an impaired person in any language. |
|  | Business Model (Revenue Model) | This business model truly revolutionizes accessibility and people with disabilities can drastically improve their everyday lives.  The person who is incapable of speaking can easily chat with normal people and the people with hearing impairments can also understand the speech of normal person using this device. |
|  | Scalability of the Solution | Accessibility for people with disabilities is high and hearing impaired users can use text descriptions.  Device is portable and power consumption is low .Battery can be charged and reused again.  It is user friendly . Hence scalability is high. |