**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 04:11:2022 |
| Team ID | PNT2022TMID51692 |
| Project Name | Real Time Communication System Powered by AI for Specially Abled People |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | To build a Real Time Communication System Powered by AI for Specially Abled People |
| 2. | Idea / Solution description | The project aims to develop an APP based system that converts the sign language into a human hearing voice in the desired language to convey a message to normal people, as well as convert speech into understandable sign language for the deaf and dumb. |
| 3. | Novelty / Uniqueness | In emergency times conveying their message is very difficult. The human hand has remained a popular choice to convey information in situations where other forms like speech cannot be used. 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. |
| 4. | Social Impact / Customer Satisfaction | “This product is much more practical and their life will be much easier for them and they can walk on the street with less concern”. |
| 5. | Business Model (Revenue Model) | In order to achieve significant financial benefits from their machines , companies will have to look beyond automation and focus instead on learning and organizational transformation. |
| 6. | Scalability of the Solution | WE are putting forward this proposal to provide global care for disabled and senior citizen. The tools envisaged here are applicable to support a wide range of disability levels and needs .and can be used by wide range of peoples. |