**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 16.10.2022 |
| Team ID | PNT2022TMID44952 |
| Project Name | Real-Time Communication System Powered by AI for Specially Abled |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through Linked IN |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | User Verification | The user should receive a verification e-mail which they have to confirm to complete the registration. |
| FR-4 | Compliance to rules or laws | Terms and conditions, Privacy policy, End user licensing agreement. |
| FR-5 | Authorization levels | There are two levels of authorization namely standard access level and advanced access level. |
| FR-6 | Legal Requirements | Medical Certificate is produced |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | The designed system is easy to use for specially abled persons as it is portable and platform independent. |
| NFR-2 | **Security** | Converted information using signs into speech is accessed only by the user. |
| NFR-3 | **Reliability** | System is tested with large number of data and Provides insight into issues. |
| NFR-4 | **Performance** | Quick Launch time of application and faster in converting signs into speech |
| NFR-5 | **Availability** | Provides automatic recovery and User access. |
| NFR-6 | **Scalability** | Standard network condition the device should convert information within second. |