**Project Design Phase-II**

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

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID42383 |
| 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 LinkedIN |
| 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. | User Verification The user should receive a verification e-mail which they have to confirm to complete the registration. |
| FR-4 | User Verification The user should receive a verification e-mail which they have to confirm to complete the registration. | User Verification The user should receive a verification e-mail which they have to confirm to complete the registration. |
| FR-5 | Requirements Proper Medical Certificate is produced to ensure the integrity of the users. | Requirements Proper Medical Certificate is produced to ensure the integrity of the users. |

**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** | The system should protect the users data in a secure manner and avoid eavesdropping and such activities by means of encryption and decryption. The users will have a password which helps in secure login. |
| NFR-3 | **Reliability** | The system is tested with large number of data in order to maintain the reliability of the users which is needed most on now a days. |
| NFR-4 | **Performance** | The response time should be faster that improves the performance which is essential to cope up with the challenging world. |
| NFR-5 | **Availability** | The system is available on 24/7 to use only the internet is needed for effective communication. |
| NFR-6 | **Scalability** | The designed system should need to increase it’s performance whenever need is more and response to changes in processing demands |