Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID42224
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.

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.
FR-4	Authentication	The data inside the device is need to be authenticated to ensure the privacy of the users.
FR-5	Legal 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.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The designed system is easy to use for speciallyabled 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.