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

Date	20 October 2022
Team ID	PNT2022TMID44336
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.
FR-6	Reporting	There is a growing feeling that we need to do more, to help make the lives of people with disabilities easier
FR-7	Transaction Processing	More application can use to translate the sign language like D talk in the system
FR-8	Business rules	Human augmentation and Practical accuracy are responsible for AI business rules

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**	Quick response, Various languages must be included

| NFR-5 | **Availability** | Advertisement Free, Must be available in all kind of App Stores |
| NFR-6 | **Scalability** | Storage Capacity of Application must be low, Network consumption should be low. |