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

Date	10 October 2022
Team ID	PNT2022TMID22166
Project Name	Project - 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	Authorization levels	There are two levels of authorization namely standard access level and advanced access level.
FR-4	External interface	Ethernet, FireWire, USB.
FR-5	Reporting	Any problems with the application will automatically be reported to the developer.
FR-6	Compliance to rules or laws	Terms and conditions, Privacy policy, End user licensing agreement.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	People with disabilities must be able to use the product
NFR-2	**Security**	Only the user has access to information that has been translated from signs into voice.
NFR-3	**Reliability**	Provides insight into potential problems with desktop applications on controlled devices.
NFR-4	**Performance**	App's launch time is quicker when converting signs into speech
NFR-5	**Availability**	Provides automatic recovery as much as possible.
NFR-6	**Scalability**	The app's response time is quick enough to support 20,000 users at a time.