<p style="text-align:center">**Project Design Phase-II**
Solution Requirements (Functional & Non-functional)</p>

Date	09 November 2022
Team ID	PNT2022TMID27708
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
FR-2	User Confirmation	Email Confirmation
FR-3	System requirements	System hardware and softwares
FR-4	Authorization	The levels of authorization are standard access and the advanced access level
FR-5	External interface	Mic, web cam, speaker, ethernet
FR-6	Reporting	Issues automatically gets notified to the developer which is found in the application

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	To convey a message to normal people, then it translates the speech into sign language so that the deaf and dumb can understand
NFR-2	**Security**	Only users have the accessibility to the message, that has been translated from signs into voice
NFR-3	**Reliability**	Provides the data about viable problems with the desktop apps on controlled devices
NFR-4	**Performance**	For real-time communication, the process of translating signals into voice must take place rapidly
NFR-5	**Availability**	Provides practical sudden recovery

NFR-6	**Scalability**	Through AI technology, disabled people can easily open up for more opportunities which makes their life independent in society and they lead to a happy life