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

Date	03 October 2022
Team ID	PNT2022TMID07674
Project Name	Project - Real time communication 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	systen	Desktop with high resolution camera
FR-4	External interface	Ethernet, Wi-Fi, USB to provide internet facility to access the resources with real time communication.
FR-5	Authorization Levels	There are two levels of authorization namely standard access level and advanced access level.
FR-6	Reporting	If any issues found in the application, automatically it will be notified to the developer.

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, as well as convert speech into understandable sign language for the deaf and dumb people.
NFR-2	**Security**	To convey a message to normal people, as well as convert speech into understandable sign language for the deaf and dumb people.
NFR-3	**Reliability**	Provides insight into potential issues for desktop applications on managed devices.
NFR-4	**Performance**	The time for converting signs into speech should be faster for the real time communication.
NFR-5	**Availability**	The time for converting signs into speech should be faster for the real time communication.
NFR-6	**Scalability**	This app enables deaf and dumb people to convey their information using signs which get converted to human-understandable language and speech is given as output.