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

Date	03 October 2022
Team ID	PNT2022TMID01158
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	User login	Logging in via their respective username and password
FR-4	Instructions and demo video	Helps the users to know the functionality and usage of the software
FR-5	Capture image and record audio	Allowing camera and microphone access
FR-6	Implementation of application	Accessing the database Conversion of sign language to normal language and vice-versa

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The app is effective and easy for the users to learn and use the application.
NFR-2	**Security**	All data inside the system or its part is protected against malware attacks or unauthorized access
NFR-3	**Reliability**	The application performs without any failure and does not produce any glitch.
NFR-4	**Performance**	The system's response time under different load conditions is good.
NFR-5	**Availability**	The system is accessible for a user at any given point of time.
NFR-6	**Scalability**	It assesses the highest workloads under which the system will still meet the performance requirements.