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

Date	27October 2022
Team ID	PNT2022TMID23730
Project Name	Real-Time Communication System Powered by AI for Specially Abled

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 Registrationthrough Gmail
FR-2	User Confirmation	Confirmation via Email Confirmationvia OTP.
FR-3	Create connection	Create a connection between users
FR-4	Access the input	Get the user input through webcam/camera/voice
FR-5	Conversion	Convert the input to voice and voice to sign language

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Making a UI user-friendly creates an easy approach to comprehend it.
NFR-2	**Security**	Making the connection between the users without any interference from the external user.
NFR-3	**Reliability**	The application must run smoothly and without errors.

NFR-4	**Performance**	The speed at which a website's pages load and appear in a web browser is referred to as website performance.
NFR-5	**Availability**	The ability of users to access and use a website or web service is referred to as website availability (also known as website uptime). Usually, a website's availability is expressed as a percentage for a specific period of time.
NFR-6	**Scalability**	The ability of users to access and use a website or web service is referred to as website availability (also known as website uptime). Usually, a website's availability is expressed as a percentage for a specific period of time.