

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

Date	20 October 2022
Team ID	PNT2022TMID40777
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 Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via 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.
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