

Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID33994
Project Name	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	Browser	Navigating the local host
FR-2	User Registration	Registration through Gmail
FR-3	User Confirmation	Confirmation via Email
FR-4	Camera	Detects the sign language

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The degree to which a project satisfies the user requirements. By using our project customers can figure out that their requirements are satisfied.
NFR-2	Security	The degree to which a project is secure. Our project can be functional against attacks.
NFR-3	Reliability	The degree to which a project provides failure-free operation. Our project works without failures.
NFR-4	Performance	The degree to which a project is faster and stable. Our project's processing speed is higher.

NFR-5	Availability	The degree to which a project is available whenever a user wants to access. Our project provides better availability when needed.
NFR-6	Scalability	The degree to which a project adapts to increased workloads. Our project can be moved from smaller to larger operating system and can be upgraded.