

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

Date	14 October 2022
Team ID	PNT2022TMID16681
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	Authorization levels	There are two levels of authorization namely standard access level and advanced access level.
FR-4	External interface	Ethernet, Firewire, USB.
FR-5	Reporting	If any issues found in the application, automatically it will be notified to the developer.
FR-6	Compliance to rules or laws	Terms and conditions, Privacy policy, End user licensing agreement.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	People with disabilities must be able to use the product
NFR-2	Security	Converted information using signs into speech is accessed only by the user
NFR-3	Reliability	Provides insight into potential issues for desktop applications on managed devices.
NFR-4	Performance	Launch time of an app is faster when converting signs into speech
NFR-5	Availability	Provides automatic recovery as much as possible.
NFR-6	Scalability	The app response time is faster enough to support 20,000 users at a time.