

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

Date	16.10.2022
Team ID	PNT2022TMID05718
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 Verification	The user should receive a verification e-mail which they have to confirm to complete the registration.
FR-4	Compliance to rules or laws	Terms and conditions, Privacy policy, End user licensing agreement.
FR-5	Authorization levels	There are two levels of authorization namely standard access level and advanced access level.
FR-6	Legal Requirements	Medical Certificate is produced

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The designed system is easy to use for specially abled persons as it is portable and platform independent.
NFR-2	<b>Security</b>	Converted information using signs into speech is accessed only by the user.
NFR-3	<b>Reliability</b>	System is tested with large number of data and Provides insight into issues.
NFR-4	<b>Performance</b>	Quick Launch time of application and faster in converting signs into speech
NFR-5	<b>Availability</b>	Provides automatic recovery and User access.
NFR-6	<b>Scalability</b>	Standard network condition the device should convert information within second.