

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

Date	03 October 2022
Team ID	PNT2022TMID42383
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	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.	User Verification The user should receive a verification e-mail which they have to confirm to complete the registration.
FR-4	User Verification The user should receive a verification e-mail which they have to confirm to complete the registration.	User Verification The user should receive a verification e-mail which they have to confirm to complete the registration.
FR-5	Requirements Proper Medical Certificate is produced to ensure the integrity of the users.	Requirements Proper Medical Certificate is produced to ensure the integrity of the users.

**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>	The system should protect the users data in a secure manner and avoid eavesdropping and such activities by means of encryption and decryption. The users will have a password which helps in secure login.
NFR-3	<b>Reliability</b>	The system is tested with large number of data in order to maintain the reliability of the users which is needed most on now a days.
NFR-4	<b>Performance</b>	The response time should be faster that improves the performance which is essential to cope up with the challenging world.
NFR-5	<b>Availability</b>	The system is available on 24/7 to use only the internet is needed for effective communication.
NFR-6	<b>Scalability</b>	The designed system should need to increase it's performance whenever need is more and response to changes in processing demands