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

Date	15 October 2022
Team ID	PNT2022TMID42258
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 website Registration through Email Id and mobile number Registration through installing the application
FR-2	User Confirmation	Confirmation via Email verification Confirmation via mobile OTP verification
FR-3	User Login	Login to your account by entering your Email Id or mobile number and password
FR-4	User Interface	Interaction between the application and the user is made easy
FR-5	Account management	Easy recovery process by OTP verification by Email or SMS in case the account password is lost
FR-6	Database management	Storing frequently used sign language for easy communication

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Easy to use because of the user-friendly nature of the application
NFR-2	**Security**	The account cannot be misused due to the user verification process
NFR-3	**Reliability**	Highly reliable due to high accuracy
NFR-4	**Performance**	Because of very minimal errors, the performance is very high
NFR-5	**Availability**	The application is available to all and can be accessed by every deaf-mute people
NFR-6	**Scalability**	The application can be easily modified based on the user's preferences