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

Date	15 October 2022
Team ID	PNT2022TMID02070
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 Authentication	Confirmation via mail. Confirmation via OTP. Confirmation via voice recognition for visually impaired.
FR-3	Reporting	Any problems faced by customer should be reported automatically.
FR-4	Audit tracking	Streamline their audit processes and comply with regulations or internal policies.
FR-5	Historical data	Collected data about past events must be used to improve the further translations.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The User Interface should be contrast enough for the partially blind people and also should be colorblind friendly UI.
NFR-2	**Security**	Should be resistive to cyberattacks as the information shared is very confidential.

NFR-3	**Reliability**	Support should be provided for in-house or remote accessibility for external resources if required.
NFR-4	**Performance**	The site should load in 5 seconds when the number of simultaneous users are greater than 50000.
NFR-5	**Availability**	Continuous availability of our service must be provided all the time.
NFR-6	**Scalability**	The application should run seamlessly with more than 50000 users at the same time.