Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Team ID	PNT2022TMID23730
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Project Members	1.ANN THERESA TOM 2.HEMALATHA M 3.LESA S 4.LEELAVATHI V

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	To get required informations from cutomer for registration process.
FR-2	User Confirmation	Confirm the details with Email and OTP verifications.
FR-3	Permission access	Permit the required functions like GPS,Micro phone and Camera.
FR-4	Information provide priority based.	From the frequent information provide the particular information first.
FR-5	Feedback	To get feedback from customer via product or software.
FR-6	Troubleshoot	To solve problems in product with customer feedback.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Easily access sign languages during process.
NFR-2	**Security**	To ensure customer personal informations from malware and hackers.
NFR-3	**Reliability**	To perform sign language conversion without any interruptions.
NFR-4	**Performance**	Sign language conversion should not load more than one minute.
NFR-5	**Availability**	Availability describes how likely the system is accessible to a user at a given point in time.
NFR-6	**Scalability**	Handle many sign languages conversions without any product degradation.