

Project Design Phase-II

Solution Requirements (Functional & Non-Functional)

Date	03 rd OCTOBER 2022
Team ID	PNT2022TMID22136
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-Test)
FR-1	User Registration	To get required information from customer for registration process
FR-2	User Confirmation	Confirm the details with Email and OTP verification
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 information 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.