

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

Date	15 October 2022
Team ID	PNT2022TMID02287
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 Registration through Phone Number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login through email id Login through mobile number and One Time Password (OTP)

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Users can easily navigate to the streaming service which will be made available at home screen
NFR-2	Security	AES Encryption method is opted for secured video streaming. Viewer cannot access the content without proper authorization.
NFR-3	Reliability	The system's accuracy and the error tolerance will increase gradually after every use.
NFR-4	Performance	The website processes every request in less than few seconds and cost of managing the account is user independent.
NFR-5	Availability	The Video streaming is made available in anytime and anywhere with a bandwidth of at least 0.5Mbps
NFR-6	Scalability	The system is scalable enough to accommodate more than 10000 users as the processing is done in cloud.