

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID08130
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-Task)
FR-1	User Registration	Registration through mobile number. Registration through google account. Registration through mail ID Registration through user name.
FR-2	User Confirmation	Confirmation through OTP. Confirmation through password.
FR-3	User login	As a user I can login to app by using user name and password. As a user I can login to app by entering mobile number and password. As a user I can login to app by mail ID.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	People with less knowledge of sign language can able to use the application.
NFR-2	Security	The users personal information will be secured and the user can only edit their profile.
NFR-3	Reliability	Encoding the error and decodes with better accurac
NFR-4	Performance	Loading time of the application will be less and server administration is user free.
NFR-5	Availability	Our system flow contains screenshots ,user can learn sign language.
NFR-6	Scalability	It has very less complexity for the user and there will be growth by using the application.