

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

Date	13 October 2022
Team ID	PNT2022TMID18723
Project Name	Real Time Communication Systems 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	Enrollment through Structure Enrollment through Gmail
FR-2	User Confirmation	Affirmation through Email Affirmation through OTP
FR-3	Uploading image	Transfer picture through camera Transfer picture through exhibition
FR-4	Text to speech	Select discourse symbol to change over the individual text for communication through signing
FR-5	Whiteboard	Use whiteboard to share the message by drawing
FR-6	Emergency templates	Select crisis layouts symbol to pass the message rapidly

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	give customized growth opportunities custom-made to particular requirements of understudies with incapacities in human beings.
NFR-2	Security	Client ought to sign in into an application really at that time continue for further interaction. So unauthorized access will be stayed away from at max.
NFR-3	Reliability	It establishing the rhythm representing things to come and aiding individuals out of luck.
NFR-4	Performance	empowers individuals with incapacities to step into a world where their troubles are perceived and taken into actions an make them happy.
NFR-5	Availability	The predefined formats will be accessible to all clients and furthermore have whiteboard choice. This application is planned such that it is straightforward and accessible to all.
NFR-6	Scalability	The improvement in the uniquely abled people communication with the conditions.