

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID49634
Project Name	Project – Real Time communication powered by AI for specially abled people
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
FR-2	User confirmation	Confirmation via Email Confirmation via OTP
FR-3	Chat box	Available for 24*7 can able to report the problem directly
FR-4	Image Analysing	Image analysing through otsu algorithm
FR-5	Inbuild libraries	Teaching about sign language.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Creating an online platform that acts as source for both the normal user and disabled people.
NFR-2	Security	The admin will handle the information given by the user and only authenticated user can able to change the data.
NFR-3	Reliability	An intimation given to the user if the wrong data was provided by the user.
NFR-4	Performance	This application will help the user in a better and lastest manner.
NFR-5	Availability	User wants to communicate an information to the person to whom they want to communicate
NFR-6	Scalability	More number of users will use the application at the same time.

