

PROJECT DESIGN PHASE II

SOLUTION REQUIREMENTS (FUNCTIONAL AND NON FUNCTIONAL)

DATE	15 OCTOBER 2022
TEAM ID	PNT2022TMID33883
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 solutions:

FR NO.	FUNCTIONAL REQUIREMENTS (EPIC)	SUB REQUIREMENT(story/sub task)
FR-1	User registration	Registration can be done via Gmail.
FR-2	User verification	When the user is registered for the first time verification mail is sent.
FR-3	User confirmation	Email confirmation or OTP confirmation .
FR-4	Authentication	Device shutdown in case of cyber attack .
FR-5	Legal requirements	Medical certificate indicating the disability.

NON FUNCTIONAL REQUIREMENTS:

Following are the non functional requirements of the proposed solutions:

FR NO.	NON FUNCTIONAL REQUIREMENT	DESCRIPTION
NFR-1	Portability	It is a pocket translator so it can be carried to any place.
NFR-2	Security	Password based authentication
NFR-3	Reliability	Protects sensitive information so it is reliable.

NFR-4	Performance	Immediate response to gestures.
NFR-5	Availability	There is no time boundary, it is available 24/7.
NFR-6	Scalability	High performance is paramount to supporting many users.