

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

Date	20 October 2022
Team ID	PNT2022TMID49307
Project Name	Real time communication system powered by AI for specially abled.
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Camera Enable	Enabling camera on mobile
FR-4	Hand sign	Showing different hand sign
FR-5	Speech output	Hearing voice output

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It's is more usable for dead-mute as well as normal people.
NFR-2	Security	It describes the tools and strategies that leverage AI to identify, prevent and respond to emerging cyber threats.
NFR-3	Reliability	Maintain data privacy and security. Keep the human in the loop.
NFR-4	Performance	The more the model's predictions are the same as the true values the higher is the performance of the model.
NFR-5	Availability	Operate satisfactorily at a given point in time.
NFR-6	Scalability	Data model and infrastructure to operate at the size.