

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

Date	13 October 2022
TeamID	PNT2022TMID37239
Project Name	Project–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.

FRNo.	FunctionalRequirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	UserRegistration	Registration is done through Form
FR-2	UserConfirmation	Confirmation via Email Confirmation via OTP
FR-3	Authentication	Authentication through Facial recognition Authentication through Password authentication protocol
FR-4	Externalinterfaces	Microphone ,Camera Ethernet , Wi-Fi and USB dongle to provide internet facilities
FR-5	Reporting	If any issues are faced by the customer or user it will be directly notified to the developer.
FR-6	Compliance to Rules or Laws	Privacy policy , Terms and Conditions , End user agreement.

**Non-functional Requirements:**

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

NFRNo.	Non-FunctionalRequirement	Description
NFR-1	<b>Usability</b>	The system should be easily usable to the persons with disabilities.
NFR-2	<b>Security</b>	All the communication information is accessed only by the user.
NFR-3	<b>Reliability</b>	It setting the pace of the future and helping peopleinneed.
NFR-4	<b>Performance</b>	Enables people with disabilities to step into a world where their difficulties are understood and taken Into account.

NFR-5	<b>Availability</b>	Provides automatic recovery as much as possible.
NFR-6	<b>Scalability</b>	The improvement in the specially abled personsinteractionwiththeenvironments.