

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

Date	28 October 2022
TeamID	PNT2022TMID38653
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.

FR No.	Functional Requirement(Epic)	Sub Requirement(Story/Sub-Task)
FR-1	User Registration	Registration is done through the google forms.
FR-2	User Confirmation	Confirmation is done via EmailConfirmation by OTP.
FR-3	Authentication	Authentication through Facial recognition. Authentication through Password authentication protocol.
FR-4	External interfaces	Microphone ,Camera Ethernet , Wi-Fi and USB dongle to provide internet facilities.
FR-5	Reporting	If there are any issues 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.

NFR No.	Non- functional Requirements	Description
NFR-1	<b>Usability</b>	The system should be user friendly .
NFR-2	<b>Security</b>	All the communication information is accessed only by the user.
NFR-3	<b>Reliability</b>	It sets the pace for the future and helps the people indeed.
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>	This enables the specially abled interaction with the environment.