

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

Date	03 October 2022
Team ID	PNT2022TMID14967
Project Name	Real -Time Communication 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 Communication	User must know the sign language
FR-2	User Communication	The user has to communicate in front of the camera

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The camera captures all expressions including facial expressions and hand gestures which can be easily used by all age groups.
NFR-2	<b>Security</b>	The system is very liable,it can last for long amounts of time if it is well maintained.
NFR-3	<b>Performance</b>	The cost-effective nature of the system makes it extremely liable and thus,efficient.
NFR-5	<b>Availability</b>	The solution fits all the sign languages when we train the model for the model for all the sign languages.So,it is used by all the countries with different languages.
NFR-6	<b>Scalability</b>	This is highly scalable model because it can be used in gesture recognition,it is hands on model and it can be used in many applications.