Project Design phase -2

Solution Requirements (Function &Non-Functional)

Date	18 October 2022
Team ID	PNT2022TMID47570
Project Name	Real-Time Communication System Powered by AI for Specially Abled .
Maximum Marks	4 Marks

Function Requirements:

Following are the functional requirements of the proposed solution.

FR.NO	Function 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-function Requirements:

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

FR. NO	Non-Functional Requirement	Description
NFR-1	**Usability**	The camera captures all expressions including facial expressions and hand gestures which can be easily used by all age groups.
NFR-2	**Reliability**	The System is very liable, it can last for long amounts of time if well maintained .
NFR-3	**Performance**	The cost-effective nature of the system makes it extremely liable and thus, efficient .
NFR-4	**Availability**	The solution fits all the sign languages when we train the model for all the sign languages .S ,it used by all the countries with different languages.
NFR-5	**Scalability**	The system gives output rapidly .It also predicts quickly when it gets so many inputs at a time .It predicts different types of sign language at a time.