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

Date	14 October 2022
Team ID	PNT2022TMID21192
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 through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Authentication	Authentication through Facial recognition Authentication through Password authentication protocol
FR-4	External interfaces	Robots and other tools provide home-based care and other assistance, allowing people with disabilities to live independently
FR-5	Transaction Processing	More application can use to translate the sign language like D talk in the system
FR-6	Reporting	There is a growing feeling that we need to do more, to help make the lives of people with disabilities easier
FR-7	Business rules	Human augmentation and Practical accuracy are responsible for AI business rules

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	provide personalised learning experiences tailored to the specific needs of students with disabilities
NFR-2	**Security**	Set the inclusion and exclusion criteria , Report the results in the survey
NFR-3	**Reliability**	It setting the pace of the future and helping people in need
NFR-4	**Performance**	enables people with disabilities to step into a world where their difficulties are understood and taken into account
NFR-5	**Availability**	Technology solutions that mimic humans and use logic from playing chess to solving equations and Machine learning is one of the technologies
NFR-6	**Scalability**	The improvement in the specially abled persons interaction with the environments