Project Design Phase-II

Date	23 October 2022
Team ID	PNT2022TMID38948
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	4 Marks

Functional Requirements

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User registration	Registration through Gmail
FR-2	User Confirmation	Confirmation through Gmail
FR-3	Registration for test and train folders	The user must be confirmed with the test and train folder which is to be recognized.
FR-4	Registration for GPS location	The location must be registered.
FR-5	Input must be given	By Image Processing
FR-6	Location must be given	Location can be given as voice message for tracking the location.
FR-7	Functional Requirements Done	Voice outputs will be given.

Non-Functional Requirements

NFR.No	Non-Functional Requirements	Description
NFR-1	Usability	This device can be helpful to the blind peoples to know about their surroundings and environment.
NFR-2	Security	The device will be only accessible by the user through Gmail confirmation and the data will not be hacked in ease.
NFR-3	Reliability	The device will be more reliable because we use accurate sensors and GPS systems.
NFR-4	Performance	The performance of the device is high in speed and low power usage so that the user can use without interruptions.
NFR-5	Availability	The device will be available in the market to buy it.
NFR-5	Scalability	The scalability of the device is high in terms of network and GPS issues.