ProjectDesignPhase-II

SolutionRequirements(Functional&Non-functional)

Date	1 November 2022
Team ID	PNT2022TMID42423
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.

	Functional Requirement (Epic)	**Sub Requirement (Story/Sub-Task)**
FR-1	User Registration	**LOW VISION:** A sauser who has trouble read in gdue to low vision, I want to be able to make the text larger on the screen so that I can read it. **RegistrationthroughGmail**
FR-2	UserConfirmation	**IMPAIREDUSER:** As a user whoishearing- impaired,I want at urnon video captions so that I canunders tand what is be ingsaid in videos. **Confirmation via Email**
FR-3	UserRegistration	**COLORBLINDNESS**: As auser who is color blind,I want to links to be dist in guishable on the page so that I can find the link sand navigate the site. **Registration through Gmail**

Non-functional Requirements:

Followin garethen on-functional requirement so the proposed solution.

FR No.	Non-FunctionalRequirement	Description
NFR-1	**Usability**	•Visual and Audio Help •Text size scaling •Reverse contrast
NFR-2	**Security**	Important information: •Walkingin single file orin narrows pace. •Steps, Stairsand Slope. •Kerbsand Roads.
NFR-3	**Reliability**	To determine reliability measuresare: •Test-Retest Repeatability •Individual Repeatability
NFR-4	**Performance**	To determine predictors of success inreading withlow visionaids, interm so freadingacuity, optimum Acuity reserve, and maximum reading speed, for Observers with low vision for various causes.
NFR-5	**Availability**	Lack of adequate low vision service sand barriers to the irprovision and up take impact negatively on efforts to prevent visual impairment and blindness.
NFR-6	**Scalability**	There is a large selection of device to help peoplelow vision.Someare“Optical”,glasslenses such a smagnifying glasse sandtele scopes.