

Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID29008
Project Name	Personal Assistance For Senior Who are Self-Reliant
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 Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Access Cloud Services	Access the cloud service with correct login and IOT credentials. Store the details in the database. Retrieve needed information for the users operation.
FR-4	IOT Configuration	Fine tuning the IOT device based on preference Access the cloud Database via device manage the request and response effectively.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	As it was designed for senior citizens ,they are not much complex to operate .Just operational knowledge of computer is enough.
NFR-2	Security	Biometrics are used for providing safety and security to the user.
NFR-3	Reliability	It is a reliable service as it uses cloud services like IBM.
NFR-4	Performance	Performance is appreciable as it was a reminder system than other systems.
NFR-5	Availability	Available on the mobile app no specific hardware required.Additional features are added in the updations.
NFR-6	Scalability	Using cloud service, makes the scalability higher using traditional database.