PROJECT DESIGN PHASE -II

SOLUTION REQUIREMENTS(Functional & Non-Functional)

DATE	25 /10/ 2022
TEAM ID	PNT2022TMID43222
PROJECT NAME	Personal Assistance for Senior Who are Self - Reliant
MAXIMUM MARKS	4 Marks

SOLUTION REQUIREMENTS(FUNCTIONAL & NON- FUNCTIONAL)

FUNCTIONAL REQUIREMENTS:

Following are the functional requirements of the proposed solution.

Functional Requirements (Epic)	Sub Requirement (Story / Sub-Task)
1. **User Registration**	Registration through Form Registration through Gmail
2. **User Confirmation**	Confirmation via Email Confirmation via OTP
3. **Access Cloud services**	Access the cloud service with correct credentials Store the details in the database Retrieve needed information for the user's operation
4. **IOT configuration**	Fine Tuning the IOT device based on preference Access the Cloud DB via device Manage the request and response effectively

NON-FUNCTIONAL REQUIREMENTS:

Following are the non-functional requirements of the proposed solution

Non-Functional Requirements	Description
1) **Usability**	App can be used by anyone who has operational knowledge about internet and computer.
2) **Security**	For security, TFA is enabled and biometrics are alsoadded for user safety
3) **Reliability**	Highly reliable since, It uses Trusted cloud services like IBM
4) **Performance**	Performance is better compared to other market products.
5) .**Availability**	Available on mobile app. Web version is getting ready for next release
6) **Scalability**	Using Cloud services, makes the scalability higher the using traditional database.