

PROJECT DESIGN PHASE -II

SOLUTION REQUIREMENTS(Functional & Non-Functional)

DATE	25 /10/ 2022
TEAM ID	PNT2022TMID38529
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 also added 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 than using traditional database.