

PROJECT DESIGN PHASE -II
SOLUTION REQUIREMENTS(Functional & Non-Functional)

Date	8 October 2022
Team ID	PNT2022TMID21782
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.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	<i>User Registration</i>	Registration through Form Registration through Gmail
FR-2	<i>User Confirmation</i>	Confirmation via Email Confirmation via OTP
FR-3	<i>Access Cloud services</i>	Access the cloud service with correct credentials Store the details in the database Retrieve needed information for the user's operation
FR-4	<i>IOT configuration</i>	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	<i>Usability</i>	App can be used by anyone who has operational knowledge about internet and computer.
NFR-2	<i>Security</i>	For security, TFA is enabled and biometrics are also added for user safety.
NFR-3	<i>Reliability</i>	Highly reliable since, It uses Trusted cloud services like IBM
NFR-4	<i>Performance</i>	Performance is better compared to other market products.
NFR-5	<i>Availability</i>	Available on mobile app. Web version is getting ready for next release.
NFR-6	<i>Scalability</i>	Using Cloud services, makes the scalability higher than using traditional database.