

PROJECT DESIGN PHASE -II

SOLUTION REQUIREMENTS(Functional & Non-Functional)

Date	04-11-2022
Team ID	PNT2022TMID27544
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	User Registration	Registration through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Access Cloud services	Accessing the cloud service with correct credentials. Storing the details in the cloud database.
FR-4	IOT configuration	Fine Tuning the IOT device based Cloud DB access via device. Manage the data 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	App can be used by anyone who has knowledge about applications and computers.
NFR-2	Security	For security, TFA is enabled and biometrics are also added for user safety.
NFR-3	Reliability	Highly reliable since, It uses trusted and authentic cloud services like IBM
NFR-4	Performance	Performance is better compared to other market products.
NFR-5	Availability	Available on mobile app.
NFR-6	Scalability	Using Cloud services, makes the scalability higher than using traditional locally stored database.