

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

Date	8 October 2022
Team ID	PNT2022TMID21781
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
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#### **Non-functional Requirements:**

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

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	<b><i>Usability</i></b>	App can be used by anyone who has operational knowledge about internet and computer.
NFR-2	<b><i>Security</i></b>	For security, TFA is enabled and biometrics are also added for user safety.
NFR-3	<b><i>Reliability</i></b>	Highly reliable since, It uses Trusted cloud services like IBM
NFR-4	<b><i>Performance</i></b>	Performance is better compared to other market products.
NFR-5	<b><i>Availability</i></b>	Available on mobile app. Web version is getting ready for next release.
NFR-6	<b><i>Scalability</i></b>	Using Cloud services, makes the scalability higher than using traditional database.