

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

Date	06 <sup>th</sup> October 2022
Team ID	PNT2022TMID24184
Project Name	Personal Assistance for Senior Who areSelf - 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	Access the cloud service with correct credentials Store the details in the database Retrieve needed information for the user's operation
FR-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.

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