

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

Date	03 October 2022
Team ID	PNT2022TMID24659
Project Name	Project - Personal Assistance for Seniors Who Are Self-Reliant
Maximum Marks	4 Marks

**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 email and password
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Accessing cloud services	Access the cloud services with correct credentials, store the details fetched from user in the database and give it back as per the requirement.
FR-4	IoT configuration	Fine tune the IoT device based on preference and access the cloud database via device and 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	<b>Usability</b>	Anybody with little knowledge of internet and application usage.
NFR-2	<b>Security</b>	Security of the data and credentials is maintained by following encryption algorithms.
NFR-3	<b>Reliability</b>	High reliability as it uses cloud services.
NFR-4	<b>Performance</b>	Higher performance.
NFR-5	<b>Availability</b>	Currently its available for mobile only but can be extended for web.
NFR-6	<b>Scalability</b>	As cloud services are used it adds up to its scalability.