

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

Date	03 October 2022
Team ID	PNT2022TMID16541
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 our web application.
FR-2	User Confirmation	Confirmation within the web application.
FR-3	User Input Medication Data	Data should be fed to the dashboard text fields in the application.
FR-4	Acknowledgement	Data will be saved in the application and acknowledgement will be given to the user.
FR 5	Internet Connectivity	User should have a stable internet connection to access the functionality of our project via web application.
FR 6	Actuators	Speakers are required to notify the users.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The whole system can be accessed through web application. Hence it is very easy to use.
NFR-2	Security	The data will be stored in the cloud so the user's data is secured.
NFR-3	Reliability	As the data is stored in cloud, the data cannot be manipulated externally so it is highly reliable.
NFR-4	Performance	As virtual sensors are used for sensing operations its values are quite accurate. Hence performance would be good.
NFR-5	Availability	The Cloud server is active all the time the user can avail it anytime.
NFR-6	Scalability	The application can be used in any kind of operating system either in small or large OS so the scalability is high.