

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

Date	17October 2022
Team ID	PNT2022TMID16081
Project Name	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 Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Gmail Confirmation via OTP to Phone
FR-3	Database About Pills	Collection of Pills database is required to separate it into different containers and to maintain its minimum quantity
FR-4	Medical Records	Previous and Current Medical records about patient to be maintained in a database.
FR-5	Doctor Prescription	Written instruction of the Licensed Medical Professional is necessary when it is required.
FR-6	Source Timing according to given Prescription	The specified timing of the pills should be collected in database.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	System design should be easily understood and user friendly to users. Furthermore, Senior citizen users of all skill levels should be able to access or use it without any problems
NFR-2	Security	The system should automatically be able to authenticate all users with their unique username and password.
NFR-3	Reliability	The database is maintained as per the health of the user and have a backup storage of it.
NFR-4	Performance	Should reduce the delay in information when hundreds of requests are given. The required pills will be provided within specified instance of time.
NFR-5	Availability	Information is restricted to each users limited access Personal Data like Medical Records are maintained with Authentication and Authorization.
NFR-6	Scalability	The system should be capable of handling 100 users accessing the site at the same time.