

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Team ID	PNT2022TMID27689
Project Name	Personal Assistance for Seniors Who Are Self-Reliant

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 g-mail.
FR-2	User Confirmation	Confirmation via e-mail. Confirmation via OTP.
FR-3	User Login	Login through registered mail ID & Password. Login through Mobile number & Password.
FR-4	Users medical information	Enter your Medicine details with date.
FR-5	Access Cloud Services	Access the cloud services with correct credit details store the details in the database. Retrieve the needed information for the user's operation.
FR-6	IOT Configuration	Access the cloud database via device manage the request & response effectively.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system should be user friendly for the user's. It is used to remind the medicine names. It alerts the users through voice commands.
NFR-2	Security	The large information & the data of the users should be kept confidential.
NFR-3	Reliability	It is trust worthy because it uses trusted cloud service like IBM.
NFR-4	Performance	The voice command will be delivered exactly at the time. It is better compared to the market product.
NFR-5	Availability	Available on the mobile. It should be monitored 24*7 for the alert of the medicine.
NFR-6	Scalability	It is adaptable. Using cloud service makes the scalable higher than using traditional database.