

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID34961
Project Name	Project – Personal Assistant for Seniors Who are Self Reliant
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Set Alarm	It helps in reminding about the medicines. All the information will be saved in the database. This makes any time availability of patients records.
FR-2	Get Notification	Once the alarm is set then the user gets the notification. User can Activate and Deactivate directly. A message format go with 'Notification through Message Mode.
FR-3	Healthcare	Patients can get knowledge of new treatments. Patients can read different posts,articles. Becoming a good wellbeing and a happy healthy life.
FR-4	Registered Patients	The Doctor can view all the patients registered to user with all of their details.
FR-5	Appointment Shedule	The doctor can view the appointment schedule and can set the new appointments accordingly. It will help in making proper adjustments.
FR-6	Reply Mode	Reply mode allows the patients to ask some questions related to prescribed pills ,medicine schedules and queries.

Non-f-Functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Medication reminders serve as a good way to stay on track and uphold an appropriate schedule. A weekly pillbox with compartments for each day and dosing time can be a visual reminder to take medication and help prevent double doses..
NFR-2	Security	Warfarin is one of the most common causes of medication-related hospitalizations in older adults. To reduce the risk of serious problems, one may need to apply extra care in monitoring warfarin effect and extra care in checking for interactions when a new drug is prescribed.
NFR-3	Reliability	The older you get, the more likely you are to use additional medicines, which can increase the chance of harmful side effects, including interactions. And, as you age, physical changes can affect the way medicines are handled by your body, leading to potential complications

NFR-4	Performance	These apps offer simple and user-friendly functionality enabling quick scheduling.
NFR-5	Availability	Often it happens that patients end up taking the wrong medication or skip dosages. However, the pill reminder apps offer automatic reminders helping the patients to stick to their schedules.
NFR-6	Scalability	These apps offer flexibility for customizing the schedule according to the requirement for each medication