

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

Date	15 October 2022
Team ID	PNT2022TMID33538
Project Name	Project - IOT
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 Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Registered patient module	The doctor can view all the patients registered to him with all of his details.
FR-4	Appointment schedule module	The doctor can view the appointment schedule and can set the new appointments accordingly.
FR-5	Reply mode module	Reply mode module allows the patient to ask some questions related to the prescribed pills, medicine schedule and other queries.
FR-6	Database	Every patient has some necessary data like phone number, their first and last name, personal health number, postal code, country, address, city, 'patient's ID number, etc.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	We aimed to examine the usability and feasibility of the medication reminder application in adults with diarrhoea-predominant .
NFR-2	Security	The system needs the patient to recognize herself or himself using the phone. Any users who make use of the system need to hold a Logon ID and password.
NFR-3	Reliability	Low-cost reminder devices did not improve adherence among nonadherent patients
NFR-4	Performance	The system provides acknowledgment in just one second once the 'patient's information is checked.
NFR-5	Availability	The medicine remainder app is available all the time.
NFR-6	Scalability	Elder people take their medicine correctly and the problem can be solved.