

Project Design Phase - II

Solution Requirements (Functional & Non-functional)

Date	13 October 2022
Team ID	PNT2022TMID36322
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 requirements (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	User Login	Login through User id and Password.
FR-4	Network Connectivity	Via Wi-Fi/mobile data
FR-5	IBM IoT Platform	Access cloud storage via internet and it gives medication information.
FR-6	Node-RED	Uses to transfer the data from IoT platform to UI platform and helps in storing the data.

Non-Functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It can share the information and can easily track the medication time of users to the caretakers.
NFR-2	Security	This cloudant database prevents from data hacking and it's highly secured.
NFR-3	Reliability	The prescription of medication for users is assured all the time.
NFR-4	Performance	It assist the caregivers in managing the prescription, warns about the drugs, reminds users to take their medicines and get them refilled.
NFR-5	Availability	To keep track the medication of users.
NFR-6	Scalability	Reminder can be set for the users to take medicines and can adjust within application.