

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

Date	11 October 2022
Team ID	PNT2022TMID11032
Project Name	IOT Based Advanced Medical Assistance
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 Requirements	Alerts one to take medicine on time Identify person's location through GPS Reminds on important events, date, day
FR-2	User Registration	Manual Registration Registration through webpage Registration through Form Registration through Gmail
FR-3	User Confirmation	Confirmation via Phone Confirmation via Email Confirmation via OTP
FR-4	Payment Options	Cash on Delivery Net Banking/UPI Credit/Debit/ATM Card
FR-5	Product Delivery and Installation	Door step delivery Take away 1 year warranty with free installation
FR-6	Product Feedback	Through Webpage Through Phone Call Through Google forms

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Have a clear and self-explanatory manual Compact and Comfortable Self-Repaired and less emissive
NFR-2	Security	Application has to be secured with 2 step authorization. Passwords and passkeys will be assigned as per the users need.
NFR-3	Reliability	The device is relatively simple to operate which reminds the seniors to take their medication Provide a large number of services which includes the daily routine by which they can be independent
NFR-4	Performance	The timer inbuilt in the device alerts the patient about the data in the memory The device is provided with a memory space in which the data to be remembered should be given beforehand
NFR-5	Availability	It has inbuilt alarm system which remind to take medicines Data in memory can be customized by the user
NFR-6	Scalability	The product has capacity to store data in memory It can be used for very long time Users switch from human memory to automated memory