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

Date	03 October 2022
Team ID	PNT2022TMID27334
Project Name	Project – personal assistance for senior who are self reliant
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 SMS
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	IOT configuration	Fine tuning the IOT device based on preference access the cloud database through device manager that manage the request and response effectively
FR-4	Data management	All the data's are stored in the cloud and recover when it is needed
FR-5	Internet connectivity	Users should have a stable internet connection to access the application
FR-6	Acknowledgement	All the data are stored in the cloud via app and acknowledgement will be given to the user

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Smart medicine box usability is the characteristics of the user that facilitate . Use to make it easier for the user to perceive the information presented by the user interface to understand and decide based on that information
NFR-2	**Security**	Smart medicine box ,like other computer systems ,can be vulnerable to security breaches , potentially ,impacting the safety and effectiveness of the device
NFR-3	**Reliability**	The probability of medicine box will perform a required function without failure understand conditions for a specific period
NFR-4	**Performance**	Medicine device testing is the process of demonstrating that the device will reliably and safely perform in use.

| NFR-5 | **Availability** | Medicine box is availability over all the conditions of weather and atmosphere pressure and be carried out with us. |
| NFR-6 | **Scalability** | In feature we can upgrade the smart medicine box to the health care assistant to monitor our health care and book appointments to doctor. |