Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 19 October 2022 |
| Team ID | PNT2022TMID07381 |
| Project Name | Project – **Personal assistance for seniors who are**  **self-reliant** |
| Maximum Marks | 4 Marks |

# Functional Requirements:

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration has been done through the form in our Application |
| FR-2 | User Confirmation | Confirmation has been done within our Application. |
| FR-3 | Data management | All the data’s are stored in the cloud and retrived when it is needed. |
| FR-4 | Internet Connectivity | Users should have a stable internet connection to access the Application. |
| FR-5 | User Input management | All the user’s data are gotten with the help of a text field in the dashboard in the app. |
| FR-6 | Acknowledgement | All the data are stored in the cloud via the app and acknowledgment will be given to the user. |

# Non-functional Requirements:

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

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| **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 under stated conditions for a specific period. |
| NFR-4 | **Performance** | Medical 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. |

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| 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. |