# Project Design Phase-II

**Solution Requirements**

**(Functional & Non-functional)**

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| Date | 18 October 2022 |
| Team ID | **PNT2022TMID31048** |
| 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.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through our web application. |
| FR-2 | User Confirmation | Confirmation within the web application. |
| FR-3 | User Input Medication Data | Data should be fed to the dashboard text fields in the application. |
| FR-4 | Acknowledgement | Data will be saved in the application and acknowledgement will be given to the user. |
| FR-5 | Internet Connectivity | User should have a stable internet connection to access the functionality of our project via web application. |
| FR-6 | Actuators | Speakers are required to notify the users. |

# 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** | The whole system can be accessed through web application. Hence it is very easy to use. |
| NFR-2 | **Security** | The data will be stored in the cloud so the user’s data is secured. |
| NFR-3 | **Reliability** | As the data is stored in cloud, the data cannot be manipulated externally so it is highly reliable. |
| NFR-4 | **Performance** | As virtual sensors are used for sensing operations its values are quite accurate. Hence performance  would be considerably good. |
| NFR-5 | **Availability** | The Cloud server is active all the time the user can avail it anytime. |
| NFR-6 | **Scalability** | The application can be used in any kind of operating system either in small or large OS so the scalability is very high. |