Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 15 October 2022 |
| Team ID | PNT2022TMID35939 |
| Project Name | Project- Medicine Reminder |
| 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 | Customer Registration | Registration through fingerprint of the patient |
| FR-2 | Authorization | Get notification once registration is complete. |
| FR-3 | User interface Requirement | System installed with web application. |
| FR-4 | System design Requirement | Interaction to the IOT system with other system. |
| FR-5 | Input Data | Store the data about patient in database. |
| FR-6 | Output Data | Alarm, medicine. |

# 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 | Caretaker can easily know status (medicine taken) of  patient |
| NFR-2 | Security | Data (health condition ) about patient’s are stored in  secure server. |
| NFR-3 | Reliability | Medicine reminder will ring Alarm as per time set in  app . |
| NFR-4 | Performance | Remind patient to take medicine in proper time. |
| NFR-5 | Availability | Application is easily available and more efficient |
| NFR-6 | Scalability | High scalability rate because we can change the  settings easily . |