**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

| Date | 03 October 2022 |
| --- | --- |
| Team ID | PNT2022TMID34124 |
| Project Namex | AI-powered Nutrition Analyzer for Fitness Enthusiasts |
| 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 LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Timer | Timers can be used to set alam as notification |
| FR-4 | Time table(Schedule) | Each exercise can have a time period |
|  |  |  |
|  |  |  |

**Non-functional Requirements:**

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

| **FR No.** | **Non-Functional Requirement** | **Description** |
| --- | --- | --- |
| NFR-1 | **Usability** | Used to maintain levels of various workouts and to maintain weight losing ,keeping body fit. |
| NFR-2 | **Security** | Most fitness analyzer are connect to your phone via Bluetooth. This means that your potential security could allow hackers to access your information. |
| NFR-3 | **Reliability** | Most of the fitness analysers are reliable and are accurate. |
| NFR-4 | **Performance** | Helpful in showing various health issues which are highly valuable. |
| NFR-5 | **Availability** | Easily available . |
| NFR-6 | **Scalability** | It highly motivates people to maintain their body and diet. |