**Project Design Phase-II**

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

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| Date | 16 October 2022 |
| Team ID | PNT2022TMID20316 |
| Project Name | Project - **AI-Powered Nutrition Analyser for Fitness Enthusiast** |
| 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 Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Personal details | Registration in an application. |
| FR-4 | Daily routine | Collecting information through forms, mail etc |
| FR-5 | Diet/Food habits | Collecting information through forms, mail etc |
| FR-6 | Calories taken and Workout time balanced | Collecting information through forms, mail etc |

**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 system shall have high usability in terms of useful functions and features. |
| NFR-2 | **Security** | The system will be highly secured not having any vulnerabilities. |
| NFR-3 | **Reliability** | The system shall have high reliability and persistency in terms of data storing |
| NFR-4 | **Performance** | The system shall have high accuracy when it comes to location reporting by using GPS. |
| NFR-5 | **Availability** | The system shall have fast response time when there is an input received from the users. |
| NFR-6 | **Scalability** | The system shall have high robustness when the app is up and running where it will not crash randomly. |