**Project Design Phase-II**

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

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| Date | 19 October 2022 |
| Team ID | **PNT2022TMID40555** |
| Project Name | AI-Powered Nutrition Analyzer for Fitness Enthusiasts |
| 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 | User Login | Login through Google Login through Email |
| FR-4 | Choose package | Selection of desired package |
| FR-5 | Generate the daily plan | Daily plans will be generated by dietician |
| FR-6 | Manage progress report | Gathering information from database and generating report |
| FR-7 | Query | The user can ask for changes in plan |

**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** | Easy to use with interactive User Interface |
| NFR-2 | **Security** | User can access only their personal information and not that of other users. |
| NFR-3 | **Reliability** | The average time of failure shall be 7 days. |
| NFR-4 | **Performance** | The results has to be shown within 10 sec |
| NFR-5 | **Availability** | The dietician shall be available to users 24 hours a day, 7 days a week. |
| NFR-6 | **Scalability** | Supports various food items |