Project Design Phase-II

Solution Requirements (Functional & Non-functional)

|  |  |
| --- | --- |
| Date | 12 October 2022 |
| Team ID | PNT2022TMID51219 |
| Project Name | 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 | 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 | Query | The user can ask for changes in plan |

# Non-functional Requirements:

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

|  |  |  |
| --- | --- | --- |
| **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 |
| NFR-3 | **Reliability** | The average time of failure shall be 7 days or 1 month |
| NFR-4 | **Performance** | The result hasto be shown within 5 sec |
| NFR-5 | **Availability** | The dietician shall be available to users 24 hours a day or 7 days of a week |
| NFR-6 | **Scalability** | Supports various food items |