Project design phase I

Functional requirements

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| Date | 27 October 2022 |
| Team ID | PNT2022TMID36987 |
| Project Title | AI Powered Nutrition Analyst for Fitness Enthusiasts |
| Maximum Marks | 4 Marks |

Functional Requirements:

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Gmail.  Registration through Phone number. |
| FR-2 | User Confirmation | Confirmation via Email.  Confirmation via OTP. |
| FR-3 | User Login | Login through Phone number.  Login through Email. |
| FR-4 | Choose package | Selection of desired package. |
| FR-5 | Generate the daily plan | Daily plans will be generated accordingly by trainer separately. |
| FR-6 | Manage progress report | Gathering information from database and generating daily report. |
| FR-7 | Query | The trainer can change plans according to the user needs. |

The following are the functional requirements of the proposed solution.

Non – functional Requirements:

The 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, Interactive User Interface. |
| NFR-2 | **Security** | User can access only their personal information. |
| NFR-3 | **Reliability** | The average time of failure shall be 3-4 days. |
| NFR-4 | **Performance** | The results have to be shown within 24-48 hrs. |
| NFR-5 | **Availability** | The dietician shall be available 24/7 to users. |
| NFR-6 | **Scalability** | Supports various healthy food. |