**Project Design Phase-II**

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

| Date | 03 October 2022 |
| --- | --- |
| Team ID | PNT2022TMID20852 |
| Project Name | Project - **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,IBM CLOUD |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Upload Image of the food | Existing image should be uploaded in the web api |
| FR-4 | Get the results declared by the analyzer | View data |
|  |  |  |
|  |  |  |

**Non-functional Requirements:**

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

| **FR No.** | **Non-Functional Requirement** | **Description** |
| --- | --- | --- |
| NFR-1 | **Usability** | Used many times for several food images |
| NFR-2 | **Security** | Only registered users can access |
| NFR-3 | **Reliability** | Always reliable since the model sis running in the IBM cloud |
| NFR-4 | **Performance** | High performance |
| NFR-5 | **Availability** | Always available in Cloud |
| NFR-6 | **Scalability** | High |