**Project Design Phase-II**

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

| Date | 30 October 2022 |
| --- | --- |
| Team ID | PNT2022TMID50324 |
| Project Name | Project - Nutrition Assistant Application |
| 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 | Enter user pin |
| FR-4 | Search food and drinks | Drink selection |
| FR-5 | Edit list of drinks | View and edit servings |
|  | User notification | When completed their daily task |

**Non-functional Requirements:**

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

| **FR No.** | **Non-Functional Requirement** | **Description** |
| --- | --- | --- |
|  |  | However, there is scant research examining the user experience of different measurement approaches for mobile dietary reporting apps when dealing with a wide variety of food shapes and container sizes |
| NFR-2 | **Security** | Nutrition security means having consistent access, availability, and affordability of foods and beverages that promote well-being and prevent (and if needed, treat) disease, particularly among racial/ethnic minority populations, lower incomes populations, and rural and remote populations. |
| NFR-3 | **Reliability** | Nutrition Data obtains food composition data from a variety of published and unpublished sources, with the largest provider of data being the USDA. While Nutrition Data cannot guarantee 100% accuracy, we do our best to check or verify all data entries. |
| NFR-4 | **Performance** | The app will provide step-by-step guidelines for how and when every athlete should fuel their body for optimizing their performance. |
| NFR-5 | **Availability** | Availability at all times of adequate world food supplies of basic foodstuffs to sustain a steady expansion of food consumption and to offset fluctuations in production and prices’ |
| NFR-6 | **Scalability** | Scaling Up Nutrition is a global push for action and investment to improve maternal and child nutrition. Evidence shows that proper nutrition during the 1000 days between a woman's pregnancy and her child's second birthday gives children a healthy start at life. |