**Project Design Phase-II**

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

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| Date | 04 November 2022 |
| Team ID | PNT2022TMID43211 |
| Project Name | Nutrition Assistant Application |
| 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 Form  Registration through Gmail  Registration through LinkedIn |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Login | Login via web application  Login via mobile application |
| FR-4 | Fitness tracker | Periodic tracking of user’s health and fitness |
| FR-5 | Diet plans | Providing preferred food chart |
| FR-6 | Help | Resolving customer FAQs |
| FR-7 | Push notifications | Providing reminders and alarms in a timely manner |

**Non-functional Requirements:**

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| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Guide the users towards a healthy diet and assist them to achieve their health goals. |
| NFR-2 | **Security** | Focuses on providing security in all possible ways.  Patient history, health parameters are protected. |
| NFR-3 | **Reliability** | The app serves reliable information on nutrition, healthy eating, physical activity and food safety for users.  Suggest registered Nutritionist for diet consultation. |
| NFR-4 | **Performance** | Reviews patient medical charts for dietetic and nutritional information.  Gives individual diet plans directed by therapist |
| NFR-6 | **Scalability** | Using IBM cloud we can scale the application based on the network traffic.  Improvised performance, cost optimization.  The application change according to the user requirements. |