**Project Design Phase-II**

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

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID43156 |
| Project Name | Project - NUTRITION ASSISTANT APPLICATION |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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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 | Ibm cloud | Storing the user data  ibm cloud required |
| FR-4 | Object storage | Storing the object involved in this project  (Reports,Images,Icon & etc)  ibm object storage required |
| FR-5 | Assistant chat box | For identification query of the user Watson assistant required |
| FR-6 | Nutritionist consultation | It is required for the patients to register according to their needs |

**Non-functional Requirements:**

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | It can be easily access by the patients because it is implemented through the web application and it is also user friendly for all. |
| NFR-2 | **Security** | It has the predetermined security for our application and the user data that are stored in database must be secured in the proper manner |
| NFR-3 | **Reliability** | It is the reliable one because of its user friendly interface |
| NFR-4 | **Performance** | There is no lag in our application while we are using at anywhere with a proper internet facilities |
| NFR-5 | **Availability** | Once the user has been registered they can be see thier diet plan in offline also. It is mostly available for all the users those who are in need of health plan. |
| NFR-6 | **Scalability** | It is cost effective and the premium activation is also available. So many users can easily operate. |