**Project Design Phase-II**

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

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID12586 |
| Project Name | Project - Nutrition Assistant Application |
| Maximum Marks | 4 Marks |

**Functional Requirements: Nutrition Assistant Application**

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 |
| FR-2 | User Confirmation | Confirmation via Email |
| FR-3 | User Login | Login through Email & Password |
| FR-4 | Dashboard | View the name of the user and see the dashboard menu |
| FR-5 | Food Log | By clicking the mouse, able to see the Food details |
| FR-6 | Calorie Calculator | Input the age, gender, weight for viewing the food to eat |
| FR-7 | Diet Plan | By clicking the mouse, able to see the diet plan |
| FR-8 | Alerts & Notifications | During login, able to see the push notifications and alerts |
| FR-9 | Admin Login | Login through Email and Password |
| FR-9 | Manage Databases | Able to create Database  Able to update Database  Able to Add Database  Able to delete Database |
| FR-10 | Manage Reports | Able to view the reports |

**Non-functional Requirements: NUTRITION ASSISTANT APPLICATION**

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | By a single click, user can able to view the contents. It is user friendly. |
| NFR-2 | **Security** | Login and password provide security to the customer |
| NFR-3 | **Reliability** | The system can perform without failure in 90 percent of the use cases |
| NFR-4 | **Performance** | The page can be loaded with minimum 20 seconds |
| NFR-5 | **Availability** | The App dashboard must be available only to the registered users |
| NFR-6 | **Scalability** | The must be scalable to support 10 visits at the time |