Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 13 October 2022 |
| Team Leader | Karthikeyan.R |
| Project Name | AI POWERED NUTRITION ANALYZER FOR FITNESS  ENTHUSIASTS |
| 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 Gmail or using phone number |
| FR-2 | User Confirmation | Confirmation on Gmail or using phone number |
| FR-3 | User Details | Registration through form |
| FR-4 | Server Calculation | Calculating user details  Example: Height, Weight, Age |
| FR-5 | Calculate information from  Server | Based on the given information they calculate their  nutrition level |
| FR-6 | Server notification | Based on the nutrition level server provide notification  like intake of food and water |

# 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** | To maintain your health |
| NFR-2 | **Security** | User details will be secure from server side |
| NFR-3 | **Reliability** | Trusted details from server |
| NFR-4 | **Performance** | Better performance comparing to other apps |
| NFR-5 | **Availability** | Available on email and chat bot |
| NFR-6 | **Scalability** | Every Customer must get Healthy Life and Proper Diet Maintenance based on the Healthy Measure  and Calorie prediction. |