Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| **Date** | 16 October 2022 |
| **Team ID** | PNT2022TMID33581 |
| **Project Name** | AI-powered nutrition analyzer for  fitness enthusiasts |
| **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 |
| FR-2 | User Confirmation | * Confirmation via Email * Confirmation via OTP |
| FR-3 | User Login | * Login through Email * Login through Google |
| FR-4 | Uploading image | * Upload image from gallery * Upload image from Internet |
| FR-5 | Storing the result | * Store the result in Downloads * Store the result in a folder |

Non-functional Requirements:

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| **NFR No** | **Non-Functional Requirement** | **Description** |
| NFR-1 | Usability | Easy to use by all  user. |
| NFR-2 | Security | User information will not be shared to  anyone. |
| NFR-3 | Reliability | The result of nutritional value will be displayed for all  the fruits. |
| NFR-4 | Performance | Accuracy of nutritional value will  be high. |
| NFR-5 | Availability | The nutritional value of the fruit will be  available all the time. |
| NFR-6 | Scalability | Supports various fruit items. |