**Project Design Phase-II**

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

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| Date | 13 October 2022 |
| Team Batch ID | B3-3M5E |
| 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 Facebook |
| FR-2 | User Confirmation | * Confirmation via Email * Confirmation via OTP |
| FR-3 | User Login | * Login with Username * Login with Password |
| FR-4 | User Profile Update | * Update User’s Name * Update Portrait Photograph * Update Date of Birth |
| FR-5 | Uploading Food image | * Upload from Gallery * Capture using Camera |
| FR-6 | Enter Food name | * Type the name of the food |
| FR-7 | Result | * Download Result * Share Result through Social media |
| FR-8 | Ratings and Reviews | * Share the experiences * Provide Feedback |

# 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** | * Accessible through INTERNET |
| NFR-2 | **Security** | * Secure through unique Username and Password |
| NFR-3 | **Reliability** | * Accurate result * User friendly |
| NFR-4 | **Performance** | * Using Standard algorithm to get faster and accurate results * Clarifai’s AI-Driven Food Detection Model is   used. |
| NFR-5 | **Availability** | * Available for 24/7 * Deep Learning of the food image and   predict the results with using the given dataset. |
| NFR-6 | **Scalability** | * It can be accessed by a greater number of   users at the same time without any compromise in the performance. |