**Project Design Phase-II**

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

**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 |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User personal details | Enter personal details through a form |
| FR-4 | Upload Food Image | Using Clarifai’s AI food detection model analyses the food calories |
| FR-5 | Alert Message | Remind it that specified Nutrition exceeds |
| FR-5 | Diet plan & routine schedule | Customer choose their goal and create a diet plan for them |

**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** | Using a multi-method approach involving protocol analysis, interviews, and a system usability scale (SUS) was adopted |
| NFR-2 | **Security** | The user’s personal details are secured in the cloud. |
| NFR-3 | **Reliability** | The application is verified through verified customers and only authenticate information will be displayed |
| NFR-4 | **Performance** | A service that helps prepare a diet plan that fits their tight schedule and pre-plan their food schedule with food within their reach |
| NFR-5 | **Availability** | The application service is available to all customers and provide support. |
| NFR-6 | **Scalability** | The cloud is used which can handle any number of users and provide on-demand service and it helps different types of customers. |