

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

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|---------------|---------------------------------|
| Date | 03 October 2022 |
| Team ID | PNT2022TMID39191 |
| Project Name | Nutrition Assistant Application |
| Maximum Marks | 4 Marks |

Functional Requirements:

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|--------|-----------------------------------|---|
| FR-1 | User Registration | Registration through Gmail. |
| FR-2 | User Confirmation | Confirmation via Email. |
| FR-3 | Uploading Image | The system should able to get the image from the user. |
| FR-4 | Identification of image | The System should able to identify the image of the food given using model. |
| FR-5 | Obtain the nutrition data of food | The system must able to obtain the nutritional data and calories of the food. |
| FR-6 | Display the nutritional value | The system must able to display the nutritional value of the food with the help of nutritional application. |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|---|
| NFR-1 | Usability | Only registered user is allowed to using the application. |
| NFR-2 | Security | Authentication of users is done for security purpose. |
| NFR-3 | Reliability | The user gets the standardized nutritional value of the food items. |
| NFR-4 | Performance | User satisfaction is ensured by getting their feedback. |
| NFR-5 | Availability | This application can be used by the use when they are in online mode. |
| NFR-6 | Scalability | This application can be used in all operating system and it can handle quite large quantity of users too. |