

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

Team ID	PNT2022TMID53138
Project Name	Project – Nutrition Assistant Application

**Functional Requirements:**

Following are the major functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration / Authorisation	Registration through G-Mail Login through G-Mail
FR-2	Food Scanner	Scan the food based on image
FR-3	Calorie Calculator	Get all components of food Calculate calorie and nutritional values
FR-4	Image Processor	Input image Get various sub-components
FR-5	Alert	Alert with notification for user
FR-6	Diet Recommender	Diet chart with good recommendation
FR-7	Food Tracker	Keep track of the individual food habits

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	User-friendly UI
NFR-2	<b>Security</b>	Data integrity and safeness of data in DB
NFR-3	<b>Reliability</b>	The application will be consistent and reliable
NFR-4	<b>Performance</b>	Fast image processing and nutrition extraction Quick to recommend food and alert the users.
NFR-5	<b>Availability</b>	Available at all time for usage
NFR-6	<b>Scalability</b>	Large number of users can be able to use at the same time with proper functioning.



