

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

Date	16 October 2022
Team ID	PNT2022TMID53022
Project Name	Project - Nutritional 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 Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Links social media	Confirmation via in-app notifications
FR-4	User tracks calories consumed	Working calorie tracker, both manual and AI driven
FR-5	User upgrades to premium	Working Payment gateway, multiple modes of payment
FR-6	User finds and competes with friends	Working in app social tab, with achievements and medals or badges

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Widely usable for people of all ages, and easily accessible through any browser.
NFR-2	<b>Security</b>	A layer of security to protect the confidential passwords used to login to social media and Gmail.
NFR-3	<b>Reliability</b>	Highly reliable, with the app being a browser-based application.
NFR-4	<b>Performance</b>	
NFR-5	<b>Availability</b>	Available all the time, since it is on the internet. There may be short maintenance breaks for updating or fixing bugs, that will be notified in advance.
NFR-6	<b>Scalability</b>	Highly scalable, with scaling depending on the foot traffic of the website application itself.