

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

Date	04 NOVEMBER 2022
Team ID	PNT2022TMID38129
Project Name	AI-POWERED NUTRITION ANALYSER FOR FITNESS ENTHUSIASTS
Maximum Marks	4 Marks

**Functional Requirements:**

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	Dashboard and food logging	User will find information such as food intake, progress in achieving fitness goals and various nutritional and healthy eating tips.
FR-4	Integration with fitness trackers	Feature for integration of wearables or fitness trackers. Feature of maps
FR -5	Push notifications	An important element of any mobile app must utilize it for health and diet app development

**Non-functional Requirements:**

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The app would be user-friendly and provide accurate results
NFR-2	<b>Security</b>	Nutrition app allow users to monitor their physical activity which leads to maintain a proper healthy diet
NFR-3	<b>Reliability</b>	Home-based fitness assessments using x app were reliable and feasible in young and healthy adults
NFR-4	<b>Performance</b>	The app will increase the high performance
NFR-5	<b>Availability</b>	The property of an application is there and ready to carry out its task when you need it to be
NFR-6	<b>Scalability</b>	The model developed using multiple datasets which will be useful for future enhancement, however it improves scalability