

PROJECT DESIGN PHASE II

FUNCTIONAL REQUIREMENTS

DATE	01 NOVEMBER 2022
TEAM ID	PNT2022TMID37024
PROJECT TITLE	AI POWERED NUTRITION ANALYST FOR FITNESS ENTHUSIASTS
MAXIMUM MARKS	4 MARKS

FUNCTIONAL REQUIREMENTS:

THE 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. REGISTRATION THROUGH PHONE NUMBER.
FR-2	USER CONFIRMATION	CONFIRMATION VIA EMAIL. CONFIRMATION VIA OTP.
FR-3	USER LOGIN	LOGIN THROUGH PHONE NUMBER. LOGIN THROUGH EMAIL.
FR-4	CHOOSE PACKAGE	SELECTION OF DESIRED PACKAGE.
FR-5	GENERATE THE DAILY PLAN	DAILY PLANS WILL BE GENERATED ACCORDINGLY BY TRAINER SEPARATELY.
FR-6	MANAGE PROGRESS REPORT	GATHERING INFORMATION FROM DATABASE AND GENERATING DAILY REPORT.
FR-7	QUERY	THE TRAINER CAN CHANGE PLANS ACCORDING TO THE USER NEEDS.

NON – FUNCTIONAL REQUIREMENTS:

THE FOLLOWING ARE THE NON-FUNCTIONAL REQUIREMENTS OF THE PROPOSED SOLUTION.

FR NO.	NON-FUNCTIONAL REQUIREMENT	DESCRIPTION
NFR-1	USABILITY	EASY TO USE, INTERACTIVE USER INTERFACE.
NFR-2	SECURITY	USER CAN ACCESS ONLY THEIR PERSONAL INFORMATION.
NFR-3	RELIABILITY	THE AVERAGE TIME OF FAILURE SHALL BE 3-4 DAYS.
NFR-4	PERFORMANCE	THE RESULTS HAVE TO BE SHOWN WITHIN 24-48 HRS.
NFR-5	AVAILABILITY	THE DIETICIAN SHALL BE AVAILABLE 24/7 TO USERS.
NFR-6	SCALABILITY	SUPPORTS VARIOUS HEALTHY FOOD.