ProjectDesign
Phase-II
SolutionRequirements(Functional&Non-functional)

Date	16October2022
TeamID	PNT2022TMID23648
Project Name	**Project**−AI−PoweredNutrition AnalyzerForFitnessEnthusiasts
MaximumMarks	4Marks

FunctionalRequirements:

Followingarethefunctionalrequirementsoftheproposedsolution.

FR No.	FunctionalRequirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	UserRegistration	• RegistrationthroughGmail
FR-2	UserConfirmation	• ConfirmationviaEmail • ConfirmationviaOTP
FR-3	UserAuthentication	• AuthenticationViaPassword
FR-4	UserDetails	• EntertheUser Age • EntertheUserHeight • EntertheUserWeight
FR-5	Priority	• The system will provide the user to access thedatabasesinsidetheapplicationandcustomi ze theircontentsaccordingtotheirbasis.
FR-6	Featuresfor User	• The user can customize their Nutrition ContentChartbasedupontheirBMIandWeightgo al to beachieved.

Non-functionalRequirements:

Followingarethenon-functionalrequirementsoftheproposedsolution.

FR No.	Non-FunctionalRequirement	Description
NFR-1	**Usability**	• TheApplicationcanbeusedbytheAnykind ofuser who'shavingabasicknowledge abouttheirBodyandmaintenanceoftheir calorieintake.
NFR-2	**Security**	• TheSecuritysystemoftheapplicationistokee ptheuptodatedatasafeand sound.
NFR-3	**Reliability**	• Theapplicationsystemworkallthedaytopop-uptheremaindernotification oftheIndividualtotakenutrientsregularly.
NFR-4	**Performance**	• TheApplicationworksonbasisofasimple calculationmechanismwhichmayperformi nanykindofSystem.
NFR-5	**Availability**	• The Application is generally designed for alltheOperatingsysteminwhichincludesboth IOS&Android.
NFR-6	**Scalability**	• TheApplicationismoredynamicsothatuse rcanadjust theirDataandChart anywhere,anytimebasedontheirco nvenience.