PROJECT DESIGN PHASE I

SOLUTION ARCHITECTURE

TEAM ID: PNT2022TMID28902

PROJECT NAME: AI-powered Nutrition Analyzer for Fitness Enthusiasts.

TEAM LEADER: PAVITHRAN S

TEAM MEMBERS: SAIRAM B N, SARBESH V, PRAVEEN K

Solution Architecture:

● Solution architecture is the process of developing solutions based on predefined processes, guidelines and best practices with the objective that the developed solution fits within the enterprise architecture in terms of information architecture, system portfolios, integration requirements and many more.

● It can then be viewed as a combination of roles, processes and documentation that are intended to address specific business needs, requirements or problems through the design and development of applications and information systems.

Solution architecture includes five main processes:

● Identification of business goals and objectives;

● Identification of system requirements;

● Definition of information models and processes;

● Selection and integration of technologies, tools, and platforms;

● Development of project plans.

Solution architecture for AI-powered Nutrition Analyzer for Fitness Enthusiasts: