

Ideation Phase

Define the Need Statements

Date	19/09/2022
Team ID	PMT2022TMID39958
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	2

1.DEVELOPER NEED A WAY

The purpose is to imitate thought processes, learning abilities and knowledge management, finds more and more applications in experimental and clinical medicine

Both actively support and monitor the personalized supply of nutrients

SO, THEY CAN

Functioning mechanisms can bring significant benefits in the form of possibilities to develop modern and very effective probiotics

Using ANN modeling, significant benefits can be obtained in clinical dietetics

2.DEVELOPER NEED A WAY

Expected evolution of skills requirements is to draw a general portrait of the future food industry by clarifying the industrial changes brought up by Industry

On defining the current and near-future key skills and competencies demanded by each of the professional profiles related to the food industry

SO, THEY CAN

We benefited from respectable European references through collecting data from the European ICT Professional Role Profiles framework

We generated an automated database of current and future professions and competencies and skills

3.DEVELOPER NEEDS A WAY

Used for dietary analysis of energy, nutrient intake, and meal timing in human studies using traditional dietary assessment methods

Dietary assessment method, can be effectively used in human dietary trials and medical practice for specific goals

SO, THEY CAN

FDDB demonstrated a good agreement in the obtained energy and macronutrient intake data with values generated by the traditional PRODI® dietary assessment method.

Food events, combined with accurate recording of food components, could provide a benefit under study conditions