IDEATION PHASE - LITERATURE SURVEY

Date	19 November 2022
Team Id	PNT2022TMID25719
Project Name	AI-POWERED NUTRITION ANALYZER FOR FITNESS
Maximum Marks	4 MARKS

Sl .no	Year	Title	Description	Problem Statement
1	2017	Ibrahim Berkan Aydilek	Approximate Estimation of the Nutritions of Consumed Food by Deep Learning	Controlled intake of nutrition is recommended as a condition for being a healthy individual. Knowing and monitoring how much food is consumed during the day, following the calorie and nutrition of these foods helps to control healthy nutrition. In this study, an attempt was made to approximate the nutrition of the food at the image level using the Food pictures dataset that contain nutrient images
2	2020	D Konstantinidis, K Di Mitropoulos, B Longleat,	Validation of a deep learning system for the full automation of bite and meal duration analysis of experimental meal videos	Eating behavior can have an important effect on, and be correlated with, obesity and eating disorders. To remedy the latter a novel “Rapid Automatic Bite Detection” (RABiD) algorithm that extracts and processes skeletal features from videos was trained in a video meal dataset (59 individuals; 85 meals; three different foods) to

				automatically measure meal duration
3	2019	Dana Sullivan Kilroy	Health Fitness Exercise Eating Healthy	Learn about the importance of healthy breakfasts, workout snacks and meal plans. This will help prevent any stomach discomfort during exercise.
4	2021	Shaun Callaghan	Feeling good the future of the wellness market	Since views of wellness are constantly evolving, companies must understand the market from a consumer perspective. Meanwhile, other mindfulness and fitness apps have expanded into “sleep casts” or moved into personalized health coaching and disease management to promote better health outcomes.
5	2021	Karla Walsh	Best Foods to Eat When You're Exercising More, According to Dietitians	Boost muscle growth and limit the muscle protein breakdown. Otherwise, listen to your hunger and fullness cues