LITERATURE SURVEY

SI.NO	Title	Author	Year of Publishing	Objective
1.	Application Of Artificial Intelligence On Nutrition Assessment And Management	Dr. Kavita Sudersanadas	2021	Computer draws a rectangle surrounding the classified objects for detecting them and the identified parts/segments of the object and it understands what object they belong to and their nutritional value.
2	. AI-based Workout Assistant and Fitness guide	Gourangi Taware , Rohit Agrawal , Pratik Dhende , Prathamesh Jondhalekar, Shailesh Hule	2022	This is an application that detects the users exercise pose counts the specified exercise repetitions and provides personalized, detailed recommendations on how the user can improve their form.
3.	An Artificial Intelligence- Based System for Nutrient Intake Assessment of Hospitalized Patients	Ya Lu , Thomai Stathopoulou , Maria F. Vasiloglou , Stergios Christodoulidis	2019	Regular nutrient intake monitoring in hospitalized patients plays a critical role in reducing the risk of disease- related malnutrition (DRM)
4.	. Deep Food: Food Image Analysis and Dietary Assessment via Deep Model	Landu Jiang, Bojia Qiu , Xue Liu , Chenxi Huang , Kun Hui Lin	2020	Algorithm to recognize multi-item (food) images by detecting candidate regions and using deep convolutional Neural Network (CNN)