



UNIVERSITY COLLEGE OF ENGINEERING,
(A CONSTITUENT COLLEGE OF ANNA UNIVERSITY,
CHENNAI) PANRUTI-607 106.

LITERATURE SURVEY

TEAM ID	PNT2022TMID39315
TEAM LEADER	Sivapriya H
TEAM MEMBER	Gopinaresh B
TEAM MEMBER	Saravanan R
TEAM MEMBER	Devaraj M
TEAM MENTOR	Mr.S.Sundarrajan

TITLE	AUTHOR	YEAR	TECHNIQUE	PROBLEM STATEMENT
Android-based food recognition app for nutrition awareness	Arnel B.okay,Jane M.Fernandez,t hlma D.palaoag	2022	Nutritrack android food recognition,food analysis,food tracking.	In this study, the researcher's attempts to design and develop an android-based food recognition application that could be used as a health awareness tool for non-health conscious individual.
Smartphone Apps for Tracking Food Consumption and Recommendation s: Evaluating Artificial Intelligence-based Functionalities, Features and Quality of Current Apps	Sabiha Samada , Fahmida Ahmeda , Samsun Nahera , Muhammad Ashad Kabirb,c , Anik Dasd , Sumaiya Amind , Sheikh Mohammed Shariful Islame	2022	Smartphone apps, food nutrition, food consumption, food recommendations, apps evaluation, design guidelines	According to our assessment, most mobile apps in the app stores do not satisfy the overall requirements for tracking food consumption and recommendations. "Food visor" is the only app that can automatically recognise food items, and compute the recommended volume and nutritional information of that food item.
Food image recognition and food safety detection	Ying wang, Jianbo wu,hui deng	2021	Cloud health care,cloud coumputing, health care informatics,cyber mertices,co word analysis	In addition, a method for foreign body detection and recognition in food is proposed.
Food calories estimation using image processing	Foodzilla	2021	web-based nutrition analysis software	Track nutrition by photos,fodmap&keto recipes,food diary and nutrients tracker to estimate the food calories
Food recognition and calorie measurement using image processing	V.Hemalathea reddy,Soumya kumari,vinitha muralidharan,k aran gigoo	2020	Android, cloud computing, nutrition awareness photo recognition nutrition estimation.	Since, obesity has become such a widespread disease, various mobile health applications have been developed for assistive calorie.
Food nutritional detection,visualis ation and recommendation for health monitoring using image processing.	Rutiya rewane P.M.chouragade	2020	Healthy lifestyle,image processing,health monitoring,food nutritional detection,food nutritional recommendation	Food item will be identified from the image taken and its calorie contents will be shown to the user. To make great of the emerging technologies for living a fit and healthy! lifestyle, a system for Food Nutritional Detection, Visualization and Recommendation for Health Monitoring is developed
A real time food detection mobile application	Jianing sun,Katarzyna radecka,zeliko zilic	2019	Cloud computing, android	We present detection results that including bounding box position and class label.
Smartphone Application for Promoting Healthy Nutrition. Diet & nurition	Steven & Coughlin, , Marys Whitehead. Jayce Q Sheats, Jeff Mastromonico,	2019	Accuracy: smartphone Application Cell Phones, Diet, Nutrition, obesity 9 Randomized	In epidemiologic and health intervention studies involving dietary self-monitoring and assessment of energy and nutrient intakes, smartphones and PDAs have been

			control trails, weight loss	successfully used to allow research participants to select food and portion size from databases and to photograph food selection and send the images to a server for food intake estimation.
Food For Care: An Android application for Self healthy food. self-Care with healthy food	Natnicha Suthumchai, Surin Thongsukh, Pacharamai yousuk sata poon, songori Tangsripai roj	2018	android application, healthy food, food intake, nutrition analysis, food calories, self-care	This application can give an overview on food calories and nutrition so that they can eat wisely. Finally, the development of this application hopes to help Thai people in order to manage their total nutrition and calories taken for a healthier lifestyle and will directly decrease the number of people who are getting diseases caused from a disorder of food and nutrition
Development cloud based Solution for effective Nutrition Intervention in the Management of Lifestyle Diseases	Manju P. George Kalpana CA	2018	Web Based Tool. cloud Based System. Electronic And Medical Dietetic Record. Nutrition support	Nutritional Support is the provision of adequate nutrients to maintain a healthy body weight and avoid under nutrition. Automatic and nutrition requirement generally employed with tools such as computerised systems, mobile based systems. and other Buch technologies. which are more personalised and handy to the users. In cloud computing with its immense computation power for easily deployment of healthcare monitoring algorithms. and helps to process sensed data proposed outcome for the cloud in Mobile platform to suggest