Project Name :Nutrition Assistant Application

Team ID:PNT2002TMID37166

SI. NO	Topic	Author	Methodology	Limitation	Reference
1	Mobile cloud based system recognizing nutrition and freshness of food image-	Kumbhar, Diptee and Patil, Sarita	Mobile cloud computing (MCC) has been introduced to be a potential paradigm for mobile health services to overcome the interoperability issues over distinctive information formats. In this, we propose a mobile cloud-based food calorie measurement framework.	Connectivity and Performance Issues	https://ieeexplore.ieee.org/document/8389528https://www.researchgate.net/publication/325979023_Mobile_cloud_based_system_recognizing_nutrition_and_freshness_of_food_image
2	Predicting calorific value for mixed food using image processing-	Kohila, R and Meenakumari, R	Mobile cloud computing (MCC) has been introduced to be a potential paradigm for mobile health services to overcome the interoperability issues over distinctive information formats. In this, we propose a mobile cloud-based food calorie measurement framework.	Connectivity and Performance Issues	https://www.researchgate.net/publication/322998475_Predicting_calorific_value_for_mixed_food_using_image_processing
3	Use of artificial intelligence in precision nutrition and fitness	de Moraes Lopes, Maria Helena Baena and Ferreira, Danton Diego and	Among the available computational tools, artificial intelligence (AI) has gained more and more attention recently, since it is	AI is not yet widely used in the areas of nutrition and fitness	https://www.researchgate.net/publication/339908712_Use_of_artificial_intelligence_in_precision_nutrition

		Ferreira, Ana Claudia Barbosa Honorio and da Silva, Giuliano Roberto and Caetano, Aletha Silva and Braz	able to learn and model linear and nonlinear relationships between variables by constructing an input-output mapping such that hidden and extremely useful information for decision-making is revealed and interprete.		_and_fitness
4	Enhancing Cloud and healthy Food Nutrition Information Systems	Practice-by Paul, PK and Aithal, PS and Bhuimali, A	Among the common mass food information systems are not yet popularized as a domain and thus there are huge potentialities to work on this.	Hence cloud will do an attention on skill and manpower development for sophisticated development of food information systems.	https://www.researchgate.net/publication/322152435_Enhancing_Cloud_and_Big_Data_Systems_for_healthy_Food_and_Information_Systems_Practice_A_Conceptual_Study