NUTRITION ASSISTANT APPLICATION

LITERATURE SURVEY

TEAM DETAILS:

Team No	:	PNT2022TMID42340
College Name	:	**Angel college of engineering and technology**
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TITLE AND AUTHOR(S)	YEAR	TECHNIQUE (S)	FINDINGS	PROS AND CONS
Mobile cloud based system recognizing nutrition and freshness of food image- Kumbhar, Diptee and Patil, Sarita	2017	Cloud Computing, Image Segmentation	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.	P: **Multiple Platform Support** **Cost-Efficient** **C: Connectivity and Performance Issues**
Use of artificial intelligence in precision nutrition and fitness- de Moraes Lopes, Maria Helena Baena and Ferreira, Danton Diego and Ferreira, Ana Claudia Barbosa Honorio and da Silva, Giuliano Roberto and Caetano, Aletha Silva and Braz	2020	Artificial Intelligence, Nutritional surveillance	Among the available computational tools, artificial intelligence (AI) has gained more and more attention recently, since it is 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.	P: A large amount of data is collected by these technologies C:AI is not yet widely used in the areas of nutrition and fitness

Thank you