LITERATURE SURVEY

TITLE AND AUTHOR(S)	YEAR	TECHNIQUE (S)	FINDINGS	PROS AND CONS
Enhancing Cloud and healthy Food Nutrition Information Systems Practice- Paul, PK and Aithal, PS and Bhuimali, A	2017	Cloud Computing, Mobile Computing	Food information systems are not yet widely used in the general mass market, thus there is a tonne of room for improvement.	P: There are many aspects that are still up for discussion and consideration in relation to manpower development. In order to construct complex food information systems, the cloud will pay attention to talent and human resource development.
Mobile cloud based system recognizing nutrition and freshness of food image- Kumbhar, Diptee and Patil, Sarita	2017	Cloud Computing, Image Segmentation	It has been suggested that mobile cloud computing (MCC) could serve as a paradigm for mobile health services to get beyond the interoperability problems caused by various information formats. In this, we suggest a framework for measuring food calories that is cloud-based and mobile.	P: Cost-effective Multiple Platform Support C: Performance and Connectivity Issues

Predicting calorific value for mixed food using image processing- Kohila, R and Meenakumari, R	2017	Cloud Computing, Image Segmentation	In order to assist patients and nutritionists, this research aims to anticipate and correct diet control for a variety of diseases by evaluating calorific value. The calorie content of the food can be determined from the image obtained by a mobile phone or tablet camera.	P: Enhanced safety decreased cost C: Limited authority Lacks Assistance
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	Artificial intelligence (AI) is one of the computational tools that has recently drawn increasing attention because it is able to learn and model linear and nonlinear relationships between variables by creating an input-output mapping that reveals and interprets hidden and extremely useful information for decision-making.	P: These technologies acquire an enormous amount of data. C:The usage of AI in the fields of fitness and nutrition is still limited.