MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY

Literature Survey on Nutrition Assistant Application in Cloud Applications

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Author	Title	Methodology	pros	cons	Inference
researchgate.net Manjup.George,Kalpana C.A	DEVELOPMENT OF A CLOUD BASED SOLUTION FOR EFFECTIVE NUTRITION INTERVENTION IN THE MANAGEMENT OF LIFESTYLE DISEASES	Diet consultation tool development	Effective because the application is developed to teach the user about health along with CAI(Computer assistant instruction tool).	The system inferred in the system is under developed.	Nutrition education software enables the dietitian to effectively conduct awareness campaigns as visual media has a powerful impact on people.
csitcp.com Tianren Dong , Yu Sun and Fangyan Zhang	A DIET CONTROL AND FITNESS ASSISTANT APPLICATION	Deep learning and nutrition science.	Application uses deep learning to calculate nutrition.	Not used any cloud technologies.	The solution to the difficulties that stop people from keeping a consistent diet plan can be solved by using the food recognition feature
nih.gov Dario Allegra,Riccardo Polosa	A review on food recognition technology for health applications	Food understanding from digital media.	Usage of digital media makes the application realistic.	Fake data in digital media is inevitable.	Food recognition for health applications is an innovative technology that, once reached satisfactory performances for such specific health applications, will be applied

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					on the dietary and calorific monitoring.
Frontiersin.org Jeong Sun Ahn, Dong Woo Kim	Development of a Smartphone Application for Dietary Self-Monitoring	Dietry tracking	Potential to help individuals and groups to engage in healthy behaviors	Less usage of latest technologies make the application outdated.	The inference is to track dietary supplements and receive real-time feedback
sciencedirect.com Daniel Kirk,Cagatay Catal	**Precision nutrition**	Personalized nutrition tracking with deep learning.	Usage of latest technology like digital interactions.	No tracking and education system of the related content.	Having interfaces such as smartphone apps that can allow user interaction and regular dietary is efficient.