LITERATURE SURVEY

Title & Author(s)	Year	Technique(s)	Findings/Pros/Cons
Development of a Cloud based solution for effective nutrition intervention in the management of lifestyle diseases. Manju P George C.A.Kalpana	2020	Information and Communication technologies	The working model plan of the solution as well as the outlook of the model is discussed. A CAI (Computer Assisted Instruction Tool) may be modified to desired platform in the given proposal.
Dietary Nutrition Cloud Platform Technology Based on Big Data Muhammad Jmail	2019	Cloud Platform Technology, Machine Learning	The speed of traditional and distributed two cases are compared. A large amount of data is needed for dietary recommendation in the dietary nutrition cloud International Journal of Big Data Intelligent Technology 35 platform, and a large amount of data is applied in the process of finding intelligent nutrition cloud association rules. Due to the characteristics of a large number of data, in order to ensure the speed of data processing, it is necessary to use non-relational database and unstructured data. In the use and processing of data, it also needs to adapt to this kind of data.

Enhancing Cloud and Big Data Systems for healthy Food and Information Systems Practice: A Conceptual Study Sreeramana Aithal, P.K.Paul, A.Bhuimali	2017	Virtualization Technology	Planning is essential for any development and obviously, their solid implementations are required for real development. Hence for complete development such as management, statistical, information technology, information systems applications in the food and complete healthcare system initiatives, planning etc are highly desired.
Cloud Computing for Emerging Mobile Cloud Apps Mehdi Bahrami	2015	Microsoft Windows Azure, Amazon AWS and Google Cloud Platform	weview the opportunities and challenges of designing apps in mobile cloud computing systems
Virtual Machine Placement in Predictable Computing Clouds Richard Rauscher, Raj Acharya	2014	virtual machines	Dissertation work-in-progress happens which shows that, in certain predictable environments, preemptive virtual machine migration can improve both computational resource utilization and the overall user experience.

Scheduling Scientific Workflows Elastically for Cloud Computing	2011	SHEFT workflow scheduling algorithm	To schedule scientific workflows for Cloud computing, a formalized the model of a Cloud computing environment and a scientific workflow for the environment. Based on the models, SHEFT workflow scheduling algorithm has been proposed to schedule workflows given the elastically changing compute resources.
Towards Multi-user Private Keyword Search for Cloud Computing **Yang**	2011	Cloud Computing Infrastructure	Storage-as-a-service is an essential component of the cloud computing infrastructure, which allows the customers to outsource their databases to the regime of a cloud. Database outsourcing relieves the customers from building and maintaining their proprietary databases, which usually is extremely costly. However, one main hurdle to data outsourcing is security concerns, and in particular, end users would worry that their data would be abused without their consent or even awareness, among others.
Molecular Dynamics Simulations on Cloud Computing and Machine Learning Platforms Prateek Sharma; Vikram Jadhao	2021	Machine Learning	Cloud computing platforms are increasingly appealing for scientific computing, providing "infi-nite" computing powers, easier programming and deployment models, and access to computing accelerators such as TPUs (Tensor Processing Units).
Towards an Anonymous Access Control and Accountability Scheme for Cloud Computing Meiko Jenson,Sven	2010	Cloud Computing	The approach of data anonymization to solve this problem has been proposed. As this directly leads to problems of cloud usage accounting, we also propose a solution for anonymous yet reliable access control and accountability based on ring and group signatures.
On Cloud Computing Middleware Architecture Jihua Yung, Longjun Zhang, Xu An Wang	2015	service-oriented system architecture	The cloud computing middleware is just the key to the service-oriented step in the computing. If PaaS is the core of the cloud computing system, then the middleware is the core of PaaS. The cloud computing platform is closely related to the middleware technology. Therefore, the middleware is the backbone of the cloud computing platform.

Security Management Areas in the Inter-cloud Mario Golling	2011	Inter Cloud	Analyzed the range of requirements for security management. As these requirements are not yet fulfilled by current security management approaches, we derived a set of security management areas that describe all identified functional aspects. This set will serve as a foundation of our future development towards a security management architecture for the Inter-Cloud.
A Semantic Approach to Cloud Security and Compliance Amit Henry	2015	Cloud	developed an application that classifies the security threats faced by cloud users and automatically determines the high level security and compliance policy controls that have to be activated for each threat. The application also displays existing cloud providers that support these security policies.
Femto Clouds: Leveraging Mobile Devices to Provide Cloud Service at the Edge Karim Habak,Ellen Zegura	2015	Cloud	a prototype of femtocloud system and use it in addition to simulations to evaluate the performance of the system showing its efficiency and ability to leverage the available devices' compute capacity. We contribute to a line of research on small, local and possibly private clouds.
SciCloud: Scientific Computing on the Cloud Sathish Srirama, Oleg Batrasev	2022	Cloud Technology	SciCloud is a project studying the scope of establishing private clouds. A Eucalyptus based private cloud and developed several customized images that can be used in solving problems from mobile web services, distributed computing and bio-informatics domains.
Hedonic Pricing of Cloud Computing Services Caesar Wu, Kotagiri Ramamoanarao, Rajkumar Buyya	2021	Cloud Technology	Demonstrate that the cloud extrinsic values would not only become one of the competitive advantages for CSPs to lead the cloud market but also increase the profit margin. Our approach is often referred to as a hedonic pricing model. We show that our model can capture the value of non-marketable features. This value is about 43.4 percent on average above the baseline, which is often ignored by many traditional cloud pricing models.