



Evaluate the effectiveness of Technology cloud in a hospital emergency level 3

Rezvane Sali¹, Amir Masoud Rahmani^{2*} and Shahnaz Sali³

¹Department of management, Electronic branch, Islamic Azad University, Tehran, Iran

²Science Research Branch, Islamic Azad University, Tehran, Iran

³Assistant professor, infectious Diseases and Tropical Medicine Research center, Shahid Beheshti University of Medical Science, Tehran, Iran

Rahmani@srbiau.ac.ir

ABSTRACT

As a Technology cloud with internet and Technology cloud infrastructure solution could be significant benefits in providing medical services to bring in electronic form. In this way, the display patient records covering all problems and diseases such as cardiovascular problems, Hsasythav other cases, quality of care and also reduces the risk of diagnostic errors and the gap between the patient and physician can be the first need to complete a patient's recovery. In this way, due to changes in current methods of treatment centers and the need for education and behavioral change may be resistance In this study, the acceptance of this procedure by physicians, nurses, emergency department and IT experts in specialized teaching hospital martyr doctor Labbafinejad evaluated. The results showed that the use of cloud technology education in emergencies, when dealing with the disease.

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INTRODUCTION

Cloud computing technology that is meant to provide computing services (storage, software development, application software, etc.) via the Internet or cloud. [5] technology to share patient information stored can be significant advantages in providing emergency services to have electronically. Lower costs and ease of access for physicians to patient information at any time and place, the most important factor in the health of addressing the cloud computing electronics. [6] the electronic health record, accounting and electronic medical billing accounts, examples of application of ICT in health is by means of computer networks. [1,13] e-health systems, particularly electronic health records in addition to better management of personal health, reduce health care costs, avoid multiple diagnoses or repeated administration. [4,6]

Emergency hospital is a complex sector in which the struggle between life and death is only the size of a breath. It has problems, such as overcrowding, long waiting time and costs too much. On this basis, reduce waiting times, lowering costs and shortening delays in patient care, research is one of the most important issues. One of today's IT infrastructures emerging in emergency departments around the world are looking to set up and use cloud technology. [14,6,7]

Cloud technology model in which each computer through the network, to connect data centers and instead of raw data, processed data is received. [8] In the present circumstances, data, and tools used in computer manufacturing. But there is

no need for software in the cloud technology because information is processed through computers in the network. On the other hand, there is no need for powerful hardware and computers can easily output their main computers. [4,14] in the other cases it does not matter who you're working with a powerful computer or a mobile phone you intend to use this information. The only essential issue, or through software interface through which it can be connected to the main computer and network hardware can also run the same software as the intermediary. [13, 9]

In studies using cloud more of the security and privacy of patients studied. [7,9] users may not want to use this method. It is therefore essential to factors that affect the resistance of the adoption and use of cloud technology. [2] special attention and recognition of these factors can be used to facilitate the integration of cloud technology in the medical center took an important step. [2,4]

Issues related to cloud technology has been widely discussed in the scientific and practical and the healthcare industry is not an exception. Many executives and experts believe that cloud technology can improve health services and dramatically been able to adopt and use of IT in healthcare change and many previous studies have reported potential benefits of cloud technology and a variety of models and frameworks to improve health services are provided. [12,15] In the Fifty-eighth World Health Assembly (2005), the development of ICT infrastructure, e-health centers for better performance and recommends the creation of a public health information system. In hospitals, potential cloud provides easy access to electronic medical