Computerized In Sharing Information

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Abstract. The use of computerized has many significant towards organization and company. Using technologies make it easier to the organization either in their working process or services of business. Still, every company has their deficient in using systems. But, as the world has become more advance, it is necessary to have a innovations system to have a better performances within organization. Not only that, there are also method design to solve the problem. Overall, it is found that, the use of computerization has give big impact to the organization. Therefore, not only easy to use, but also can make people to more efficient to do works.
Keywords- Computerized, Health Sector, Banking Sector, E-Commerce, Education, Information Technology

Introduction

With the advancement of technology we have today, it is important to make changes especially for organization and companies. For instances, nowadays, there are a lots of information that needed to be stored in the system to easier retrieve and to sharing the information. It is because, those information or data within the companies are valuable and can be use as a evidence. Based on Turban, Aronson and Liang (2005), they describes a computerized system as a medium for information which is collect, store, process and share it for something that will be useful in the future such as decision making, evidence or many more. Not only that, if there are a lot of redundant information, the use of technology or automation will help in manage all of the information and it is very helpful to increase productivity within organization and get low in cost include high quality. Besides, it also can spread the information to easier for employees to do work. Not only that, nowadays, if someone kept the asset of the company which is the information of the staff is kept in printed, it will hard for someone to search for it when needed. So, this is why, information is easier to search in the systems. Moreover, Information Technology can be used systematically and can be applied to services and processes to any kind of organization and company. So,

1

it does not matter to utilize innovative features to improves quality and have a better performance within organization. Therefore, it is compulsory to use technology we have today to easier employees to manage all the work within the company.

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Health Sector

The use of computerized is important as it will help a lots either in services or management of the company. According to Brazilian National Health Agency (ANS) in 2017, the health sector received good revenues from health-care companies, customers of medical plans and exclusively dental plans in 2016. However, it becomes complex because of several problems such as government regulation, the competitive with other companies and relationship between the customer's income and the expenses for their health-care increasing. So, they aim to make Information Technology systems as a medium to use in order to make changes in health sector. Banco Central (2016), Dos Santos (2008) and IESS (2016) from Brazilian economic motivate companies to make a changes using innovation for their application in the management. In other studies, Ulrich and Kaer (2014), stated the combined use of innovation technology and Electronic Medical Record (EMR) system as solutions to prevent compromised patient safety. The EMR systems used by health-care professionals maintain the patients' information such as medical records, billing, prescription history and diagnostic results in the digital format. Alagoz et al (2010)

Several researchers addresses the use of technology for the service processing for innovation requiring changes in something related such the work flows management systems and electronic document management to ensure efficiency. The document management system serves health sector to preserve the patient's past records and maintaining the intellectual property (Villalobos and Oliver, 2014). Research found that the utilization of Information Technology in health sector make easier for them to use especially with the patient's information, health-care processes and many more. Alagoz et al (2010), the EMR systems is the multifunction system which give benefits in health-care delivery. It is very useful especially in rural which can responding to medical emergencies through immediate sharing the health records of patients. The health-care organizations which not using the EMR systems, will do not have the ability to access an shared about the detailed information of the patients (Lindstrom, 2013). It is important to access the patient's information because it is accurate and to prevent the medical errors. According to (Kudtarkar et al, 2010), one of the factor to use IT systems is because of the lack of immediate access to patient's data.

Education

Marina Frolova and Andrey Taranov (2020) stated, it is important to use computer in education. Not only that, professionals in education have claimed the use of information technology in education process is effective. The importance of the use of computerized also explained as a possibility of distance learning. Meaning that, it can be accessed anywhere and allow to carry out the task. Based on the analysis one of the studies, it is necessary to automatize the processes of studying theoretical material and practical classes which allows for online learning. Besides, it is efficient for both students and teacher in educational process using e-learning resources as it will help in thinking, improves in using technology and many more. Based on Siti Salbiah Zainal Abidin and Mohd Heikal Husin (2018), people these days especially the younger generations are very close to technology which make the more of utilization of advanced technology. For instance, in music education services, there are lots of education resources which students can get including video tutorials to playing instruments. Nowadays, people and computers can interact with each other using different ways to complete certain tasks which also known as information interaction between people (Rusell et al 2017). Hence, the effective and efficient of the working process is significant as it will improves the performances of organization.

Banking

Today's business environment has become more complex and the rapid changes which happen because of the advancement technology. The fact that the use of computerized in banking sector also have their deficit. Based on Laudon (1991), claim that managers cannot ignore the Information Systems because they have important role in the organization especially in the banking sector. It is because the function of accounting in the organization is to process all the financial information and prepare financial statement. Based on Woherem (2000), banks that always updated their systems and use Information and Communication Technology (ICT) for their business operation are the one who can survive in the future. In other research studies, it is stated by the participants that electronic system is easier and efficient compare to the manual system. For the computerized accounting system, there are few basic principles of accounting system which also provide conceptual guidelines that will help the accountants for the application of the accounting system. According to Akesinro et al (2016), to plan, control and make decisions whether it is long or short term, business managers need accounting information system. Meaning that, the important information is useful for organization in the future. Several researchers that conducted investigated about the use of ICT in banking sector in previous studies, stated that it has created new development (Akesinro et al, 2016). It makes the technology has become more advance and has reaching the best revolution for societies which tremendously transforms the business scenes of the banking sector. Anna (2004), defines the computerized accounting system as the system that have specialized machines that

3

called calculators and tool to collect information. Akesinro et al (2016) shows the result of the studies, there are impacts to the bank's profitability if there are using computerized banking system. Hence, the use of computerized also easier for the organization to doing business and users to use the services provided.

E-Commerce

E-commerce is define as the transaction among purchasers and dealers using the Internet or also known as online business Sadeeq et al (2020). A web-based business offers many benefits to users when they use it. For instances, purchase items online using debit card, bank exchanges and more. It is found in previous studies, the online versus brick retail is mixed by the influence of the evaluating items. Another studies demonstrated way which is the propelled development and the innovation of E-trade can make more. On top of that, there are studies that declared, the advance of technologies play important role for the quality of the work. Nowadays, the Web has impact to each business substance in around the world (Sadeeq, 2020). In USA, there are studies that demonstrated the progression communication technologies and information has played as important function in the entire quality capital and work. Furthermore, the investigation directed in 1998, there are 15 low-salary nations stated, that they use different web crawlers to search for a market opportunities. Not only that, some studies inform that trade and e-commerce has expanded internet use. It is because, people are spending most of the time to looking for things or services through online. Thus, there are a significant impact of e-commerce on the business as it is also become large in around the world.

CONCLUSION

As for the conclusion, the use of computerization is important for the organization or company. With the advancement of technology we have today, it is necessary to have a technologies system as a strategy to have a better performances. Besides, not only to health sector, education, banking sector and e-commerce, it is also suitable for any kind of fields. Moreover, the situation of pandemic COVID-19 we have to face today make it is more vital to use for people. For example, in education field, it is impossible to have a face to face learning. So, everyone in the world have to study through online to avoid the virus spreading with the others. On other hand, the use of technologies also help to reduce the cost, less time, make it easier for people to use and many more. Therefore, computerized systems allows the organization or company to performs in better state as it is more accurate, systematic and the important thing is the use of technologies in the companies make easier for the users to use the services

References

4

Abidin, S. S. Z., & Husin, M. H. (2018). Improving accessibility and security on document management system: A Malaysian case study. Applied Computing and Informatics, 1/2, 137–154. https://doi.org/10.1016/j.aci.2018.04.002

Advantages & Disadvantages of Computerized Systems. (n.d.). Retrieved November   26, 2020, from https://www.techwalla.com/articles/advantages-disadvantages-of-computeriz ed-systems

Akesinro, Abayomi, S., Adetoso, & Adegoke, J. (n.d.). The Effects of Computerized Account-ing System on the Performance of Banks in Nigeria. IISTE.

Frolova, M., & Taranov, A. (2020). Using a process approach to justify necessity for comput-erization of business processes in institutions of   additional   education. Procedia Computer Science, 513–518.   https://doi.org/10.1016/j.procs.2020.02.216

Jindal, S. K., & Raziuddin, F. (2018). Electronic medical record use and perceived medical error reduction. International Journal of Quality and Service   Sciences,   1,   84–95. https://doi.org/10.1108/ijqss-12-2016-0081

Miraldo, C., Monken, S. F., Motta, L., & Ribeiro, A. F. (2019). Innovation in health-care companies: a strategy to increase customer service productivity. Innovation &Management Review, 4, 357–374. https://doi.org/10.1108/inmr-2019-0041

Sadeeq, M., Ageed, Z. S., Abdulla, A. I., & Abdulraheem, A. S. (2020). Impact of Electronic Commerce on Enterprise Business. ResearchGate.

Wang, X., Pan, Z., Li, Z., Ji, W., & Yang, F. (2019). Adaptive information sharing   approach for crowd networks based on two stage optimization. International   Journal   of   Crowd Science, 3, 284–302.