

A REVIEW OF E-ACCOUNTING

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ABSTRACT

The aim of the present study is to review E-Accounting. The article the data collection instrument of which relies on laboratory method will explore the topic in a descriptive-analytical way. An attempt was also made to review the concepts, i.e. accounting, e-accounting, the necessity of e-accounting application, model, functions, features, advantages and disadvantages of e-accounting, in the first place. The rules of accounting passed in 1977 as well as the manuals proposed by Accounting Association in 2000 in the field of financial accounting, and using data electronic media, a change has been made in recording, transferring, and storing information so that using digital technologies such as the internet and mobile phones rather than registration of documents on papers has brought up a change and development with respect to financial accounting. Therefore, it can be claimed that the atmosphere of business would undertake necessary flexibility by using the instrument, and financial data can be easily and conveniently accessible to users using computer networks as well as a variety of software application irrespective of vocational and geographical positions, which in turn lead to better and faster function within transactional space as well as bringing about saving of time, accuracy, and social value.

Keywords: *Accounting, E-Accounting, Model, the Internet, Website*

INTRODUCTION

Today, advanced electronic technology has extensively brought about constant change and development in various departments of accounting, identification, measurement, record, as well as financial reporting from industrial and economic point of views. This evolves into a vital issue when invoking premier electronic information technology and using the tools for enterprises and institutions. Therefore, as accounting literature suggests, most companies, institutions, departments would lose their energy, accuracy, and social value without regard to this issue; per contra, organization management may expose its weakness of knowledge, while the use of the technology can facilitate business and administrative, or personalized communications so that one can achieve true objectives, and offer saving of cost and time in the current situation. The breathtaking pace of the ongoing research across the globe and massively compacted information via worldwide web can growingly deepen the information gap for those who are deprived of necessary knowledge and expertise in an attempt to take benefit from the information. In the process of accounting, a service used by the premier electronic technology, can itself bring about change in accounting methods so as to show better and faster performance.

Definition of Accounting

There are a variety of definitions on accounting. In the past, it was referred to as identification, record, classification, summarization of, as well as reporting, financial events. More recent definitions views it as an information system; i.e. it includes a system of information that makes necessary information available to accounting information users through identifying, recording, classifying, summarizing, and reporting financial events.

The Concept of Electronic Accounting

The changes of technology and constant growth of information and communication technology use are extensive, which exerts a growing effect on commercial units in general as well as commercial processes. The process of organizing, recording, processing, and reporting commercial events is evolving every day. The global advancements in information technology would make information accessible more and quicker as well as keeping it update. Given the factors, there is no more need to justify the use of information technology in the modern world. This makes it unavoidable for accounting to apply and use

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the whole or part of new methods in offering services and meeting their obligations. For example, the instances being used in accounting and information technology are regarded as electronic financial reporting, which allows for financial information communication with beneficiaries via the internet. Therefore, such new technologies as the internet and mobile phone are viewed as the key to operational field and commercial unit activity development and the growth of new opportunities in the units. E-accounting is a new developed concept in the field of accounting. As a matter of fact, if someone intends to define it, he needs to define the internet application and the internet technologies. That is to say, the whole size of operations and transactions such as a website, weblog can be recorded in an online serve or database. However, in order to do transactions and operations, we need username and password; in which case user can easily get access to database by choosing them. E-accounting invariably offers a wide application of data processes and operation via the internet that entails other aspects such as registration, storage, business activity, production management, procurement and distribution, goods transfer, as well as after sales service. In sum, electronic accounting revolution has a process-oriented effect. This is feasible by the use of information banks and worldwide networks. At this moment, International Accounting Federation has examined all the instruments necessary for E-accounting development and education, which in turn compatibility and synergy will be followed at international levels. A multitude of accounting enterprises take benefit from the services internationally. As for the enterprises, overall discussions on journal office, ledger, record and book keeping, cash management, receivable and payable accounts, asset management, financial analysis, financial reporting and financial statements can be pursued online using electronic services.

Statement of the problem and the need for research

The use of E-accounting and the internet are a fast and easy way to perform activities, transactions, and information at national and internal level, which in turn can help the establishment of communication better. The application of E-accounting is growingly underway in the face of economic crises. One of the key questions raised in this respect, given the frequent uses of information and communicative technologies such as mobiles, emails, computer systems, tablets, electronic payment transfer, as well as growing interest of people in the technologies and the advantages of using them, is how we can create a suitable, safe, and reliable space for individuals and enterprises to make case for the advantages and services offered by them, since one of the key challenges is to gain institutions' and individuals' trust in electronic services so that one can reduce available risks in doing so.

The Need for the Application Of E-Accounting

One of the aspects of information technology effect on enterprises and institutions is quantitative and qualitative changes of information and accounting management systems. And one of the leading developments is that of data and activity exchange, as well as the expansion of intranet and internet information networks. Consequently, we can claim that the role of electronic information networks in releasing financial and business information of organization is unavoidable. Breakthroughs in this regard have created new expectations based on online information access and immediate reporting. Meanwhile, the internet is an information technology that takes on the greatest responsibility for altering professional processes, so we should not the role of planning systems

A wide range of various activities were skipped by (ERP). Planning for human resource which in sum involves it and aims to gather the whole amount of data and processes of an organization within a single system, and finally to improve the performance of an organization with seller and customer system, which leads to an organization of resources planning in a firm. Capable technology was intended for such e-accounting systems, which is accomplished by means of internet.

The Function of The Internet

The growing development of information and communication technologies, especially the rise of the internet, have had a remarkable effect on business and economic relationships of commercial unit. Today, relying on the technologies enterprises and organizations managed to change their own practices to such an extent that they are able to perform activities with the least time and the best quality and the lowest price, i.e. e-accounting is the best possible way to reach the goal. To do so, the need for internet is felt

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more than ever. As a consequence, we can initially come up with a definition of the internet. The internet has been defined in a variety of forms. In an overall definition, as opposed to the fact that it looks a single network at first glance, it is indeed the network of networks. The phenomena is a worldwide tour that links various computer networks in different size and even personal computers together using a variety of hardware as well as similar communicative contracts. Some associate the internet with an electronic spider net that links PCs or computer networks together via telephone lines. Moreover, it allows for an exchange of information among them in text, voice, image, and video, as well as securing communication, by allocating specific electronic identities to each of computers.

The Function of Mobile Phones

Mobile phone networks can be taken as one of the technologies which have considerably flourished in recent years. The technology would allow mobile phone users to get connected from every point within a geographical range supported by other mobile phone devices and/or ordinary phones. One of the features made available in the network and welcomed is to enable us to exchange text messages by mobile phones. The feature which is called short message service is not only used by mobile phone network users, it also enables us to offer a variety of services via mobile phone devices. Another great and potential application of SMS is to use it as a means of providing information. SMS can be used to transfer the whole amount of information comprised of text information to some extent, e.g. stock price, bank account information, etc. Many commercial and industrial applications have been designed for SMS. For instance, organizations can stay in contact indirectly with their employees, say sales departments and delivery employees.

The Function And Significance of Electronic Websites

What is an internet commerce website and of what parts is it made? Most of us can answer the question; like other websites, it consists of static and dynamic parts in which saleable products are offered along with shopping cart and online payment systems, etc., but what makes an internet commerce site different from other websites? Did you ever think how successful sites, with respect to internet commerce, such as eBay and Amazon become by far famous and popular? The most important factor in attracting viewers to various websites, especially internet commerce, is to hold on to customer service; Definition: it is the ability of internet commerce owners to satisfy customer's needs and demands continually and flawlessly. The definition seems exhaustive as it gets the point across. As we go to different stores to buy stuff and would expect seller to provide us with necessary information on goods and help us to choose something appropriate, and if we run into trouble, we come to help us, a virtual and internet store customer's need for seller to help is not less if not more. We can attribute the reason for the need to an act of verticalness in itself. Most people have ever had internet shopping experience. They can frequently browsing through the web, while they rarely become a fixed regular of a shopping internet website. Some of their refusals to do so are as follows:

- In most cases, shopping process is lengthy and unclear in these websites as user is forced to go through several stages to place order, and if the speed of his connection is slow, he will quit completing it and leave it and never return to your site due to his unpleasant experience
- Most users are reluctant to put their personal information in a website, and then they leave it incomplete.
- User newly joined to the world of the web needs help and if they fall short of satisfying answers, they will certainly leave

The only solution to the above cases is to make customer feel there is someone who can always assist him with the site, and this would not be feasible unless different customer support practices are employed. A question is here raised: "how can we satisfy our customers? What methods are there to support customer?"—the key to communicate with customer—the user who enters a shopping website for the first time may not purchase anything at all, he wishes to collect information from the web instead. As a consequence, user's trust should be earned once, so he may turn back to buy again. The following cases are suggested for the support of customer:

- The use of phone—but the phone lines should be always open so that user will never have to wait on the line!

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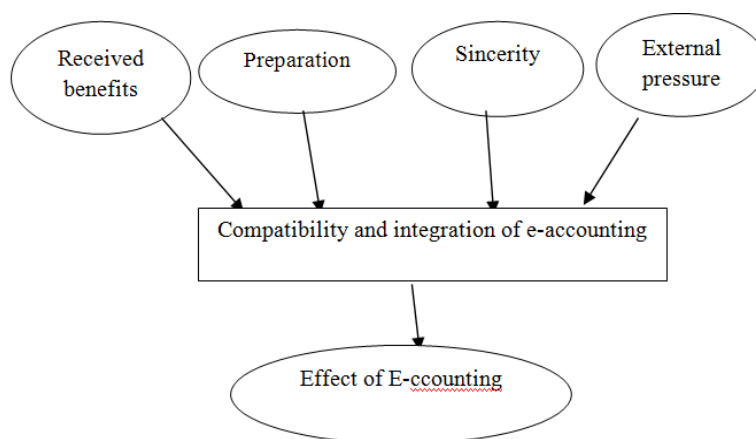
- The use of email—in order to support customers, we can use the emails below:
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Response time should be minimized and user should not be kept on hold.

- The use of customer support software and services—which allows for an online talk between supporter and users and help him with every stage.

We can use the above methods at best in order to ensure user's satisfaction and turn him into a customer; however, as for an internet commerce website and having done the first shopping by user, it is you who can retain him or lose him.

User will have a pleasant experience with your site and remember you in case his order is received at the minimum and reasonable time. Never should we forget that trust is the basis of internet buy and sell



Received Benefit: It refers to a level of recognition associated with benefits that the technology of data electronic exchange can have; the benefits can be obtained directly, such as the reduction of transaction costs, high quality of information, or it is obtained indirectly which refers to the opportunities influencing communicative processes of commercial unit, say the increase of operational efficiency and better customer service offering, and the ability of enterprise' competitive increase

Preparation: It refers to a level of financial resources and technology of company. The preparation is associated with financial benefits available for paying the charge of installation, improvement, and its implementation as well as current expenses over during the use, when the enterprise is ready enough to receive the information technology.

External Pressure: It implies the compatibility and effect of organizational environment; the compatibility would give rise to further competitive pressure and the ability of commercial unit partners to exchange electronic data.

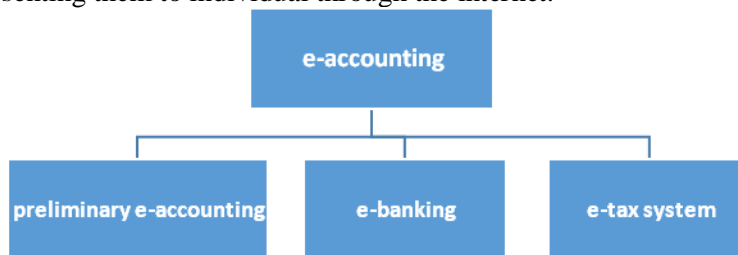
Sincerity: It refers to the veracity and trust built between commercial enterprises in different sizes and customers and agencies as well as acting as contributing factor in the compatibility of E-accounting systems and further coordinating and sharing information data.

Functions of E-Accounting

In the accounting literature, E-accounting is defined as documentation, recording, archiving, summarizing economic events inside and outside organizations related to commercial unit, offering the summarized information to interested parties in an electronic environment. The definition can include three categories, e-tax system, e-banking, as well as preliminary e-accounting. In the process of electronic tax system, events such as the preparation of tax rates, tax documents, and tax-related liabilities and other related information can occur in an electronic environment. The policy of e-banking, including bank transaction, follows an economic construction that occurs in an electronic environment via the internet. Moreover,

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preliminary e-accounting is a structure for activities performed between commercial units and customers and sellers, as well as maintaining and recording documents, and providing tables in an electronic environment, and presenting them to individual through the internet.



The characteristics of e-accounting:

An electronic accounting system can be helpful in the effective process of accounting through the following features:

- Multiple user access
- Frugality because of service offering to a large number of customers
- Sharing one or several database
- Multiple site access

Advantages of E-Accounting

It is vital to provide accurate information on accounting. Therefore, in the modern world, the need to control financial data and awareness of financial situation take on cardinal importance at all geographical levels. The e-accounting could make it come true, as it helps enterprises keep data in a safe environment as well as providing easy access to the use of relevant software for users. Therefore, we can point out to the advantages of e-accounting as follows:

- Easy access to computer networks
- In case of damage to computer, documents is available on the server
- Thrift
- Staff turnover is not an issue in the workplace
- Commercially focused organization
- No wasting time
- Saving in administrative costs
- More control by computer systems and accounting software
- Transactions can be transferred automatically

Disadvantages of Electronic Accounting

- Network security: the data receiving support can only remain on the network
- speed: the need for high speed wide internet
- Connecting network: internet access and need

CONCLUSION

Today, change and development in technology bring about change in different parts of accounting. Therefore, change in recording as well as activities and controlling over transactions and saving in time and cost is one of the important aspects and conceived as advancement using electronic technology so as to bring better performance of organization. The technology is viewed as a revolution in changing accounting, which is called e-accounting. Thus, it is imperative for all the related governmental and

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private department to pay enough and essential attention to the changes in order to deliver better performance and effectiveness.

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