

The Role of in Improving the Quality of Public Accounting Information and Its Impacts on Economic Development – Case Study /Jordan

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Abstract

This study aimed to indicate the role of information and communication technology to improve the quality of accounting and prices in the government units where the use of information technology in dealing with the financial statements and the preparation of reports contribute significantly to achieving the qualitative characteristics of accounting data, which will help to achieve a high degree of accuracy, reliability and temporary in the preparation data, as well as the use of modern technologies and communication networks in the data and information connected to help achieve the quality characteristics of the data such as speeding and temporary in the provision of appropriate information in decision-making so it could be argued that the problem of the study proceed from the fact that the accounting information in accordance with the conventional systems, does not contribute to the provision of appropriate information to achieve economic development in light of developments in information and communication technology of this study come here to demonstrate the role of information and communication technology to improve the quality of government accounting information, and their impact on economic development. Using descriptive analytical method and the study has concluded that the use of information technology in the preparation and operation of the financial data affects the quality of the accounting statements issued by units of the public sector and that the use of communications networks to share and connect Display "accounting and financial information to improve the quality of accounting information in the government sector. and that the use of information technology in the preparation and operation of the financial data in the Jordanian government sector contributes very significantly to the achievement and the quality of government accounting data

Keywords: Economic Development, Information Technology. Accounting Information

Introduction

Public section is one of the most important sectors due to the important role played by the public departments in economic development; to some extent, it can be connected between the performance level of public departments and the level of the economic development rates. Throughout world, public departments practice new tasks and administer a set of activities and programs which meet the requirements of the economic development; in the past, their role was limited to the implementation of traditional tasks of the country. Public departments rely on accounting information system in order to perform their tasks because good planning, effective control and transparency of presenting the accounting information, contributing to development and innovation, are based on the accounting information system which is able to provide reliable data and information the public departments need.

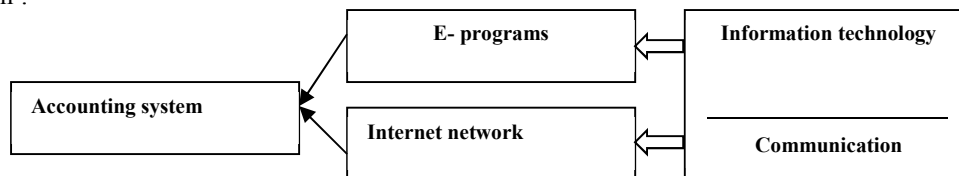
In light of great and rapid shifts occurring in different fields as well as the effects of economic, political and technological globalization, traditional systems have become disable to provide the public department with the data and information, it needs, in order to make the required decisions. It has become necessary to take advantage of information and technology techniques in order to prepare and convey the accounting information to the public departments for the purposes of decision-making with respect to the economic development. Accounting information, characterized by qualitative features in terms of appropriateness and reliability, among other, is one of the elements of investment decision- making contributing to the economic development; the main purposes of accountancy is to provide the useful information and data which help to make the decisions of investment and credit as well as to evaluate the amount, timing and degree of uncertainty accompanied to future cash flows (kiesoeta, 2007, p: 4-7).

This study identifies the role of information and communication technology in improving the quality of accounting information in the public departments; using information technology for processing the financial data and preparing reports significantly contributes to achieve the qualitative features of accounting data which help to achieve a high level of accuracy, reliability and timing of preparing the financial data. Furthermore, using modern network and communication techniques, conveying data and information, contributes to achieve the qualitative data such as speed and timing of providing the data required for decision- making process. Thus, it can be said that the problem of the study has stemmed from the fact that the accounting information provided by the traditional system does not contribute to achieve the economic development in light of information and communication technology development. This study, therefore, identifies the role of information and

communication technology in improving the quality of public accounting information and its impacts on the economic development.

II. BACKGROUND AND HYPOTHESIS DEVELOPMENT

Figure below shows the role of information and communication technology in improving the quality of information :



This figure identifies the role of information and communication technology in improving the quality of information through the following subjects:

- The role of information technology in improving the performance of accounting information system, thus improving the quality of accounting information:

Accountancy is a service, aiming to provide the quantitative information of the financial nature pertaining to certain economic unit; such information must be useful to economic decision-makers (Wolkat, 2007, 170). The concept of accounting information quality means that the information enjoys credibility and is free of distortion and deception because it is prepared within certain standards and that the users can take advantage of such information. The rapid changes of information technology and the spread of multi-national companies as well as international investors, who need more information, change the nature of information required from the accounting system. In order to keep pace with the changes and meet the needs of beneficiaries, it is necessary to change the systems used in order to be able to provide the useful information characterized by the quantitative features of data the Financial Accounting Standards Board issues. Information and communication technology contributes to achieve the quantitative features; it allows to process the data in a flexible manner that produces multiple quantitative and qualitative information in light of the alternatives available at a high level of accuracy as well as at a short time. In other words, it contributes to achieve or provide appropriateness and reliability of the information.

Using E-accounting programs for processing the data pertaining to public accounting system achieves other advantages such as accuracy and speediness as well as the huge storage capacity of the data and the ability of processing various complicated operations which cannot be manually finished.

The role of the information and communication technology in improving the accounting information can be summarized through achieving the main features of the accounting information:

1- Appropriateness

Appropriate information is the main goal of the accountancy; the information and communication technology plays a role in the appropriateness of the data in which the computer helps to provide the information characterized by better executive ability and feedback in due course, in particular that decisions are made in uncertain conditions and risky cases. It, therefore, becomes necessary to scientifically evaluate the possibility of occurrence of events through using method of data analysis in light of uncertainty as well as cost-benefit considerations; this cannot be achieved by using manual methods; in addition, information shall be provided through interim reports; using information technology contributes to prepare these reports according to certain considerations of economics of information (cost and benefit). Regarding the appropriate time, the timing of information is critical or governing factor which identifies its benefit (Hall, 2011, p: 12). It is necessary to provide the users of accounting information with the appropriate financial information required for their seminars and decisions in a due course. Using information technology leads to immediately and directly update the information when the financial operation or event occurred due to the speediness of progressing the accounting data and information. In addition, using Internet help to easily access a huge amount of exterior information at a low cost. Moreover, Internet contributes to improve the quick exchange of information in addition to analyze it. Thus, it can be said that communication networks provide speediness and spreading as well as accuracy and easiness of communication. In other words, these networks achieve useful outputs, contributing to achieve the goals of accounting system, increase the level of performance of public units and make decisions related to economic decisions.

2- Reliability

Information is considered reliable if it is characterized by following features: verifiability, credibility of change, impartiality, and free of physical faults (Glautieret, 2011, P: 344). The role of information technology is represented by that using computer contributes to accurately process the data and provide impartiality. This is due to the orders and directions used to program the computer which does not

breach them. Because of reduced the human intervention in e-operation of data, the results become more objective and reliable.

In addition, using internet achieves impartiality feature of conveying the data and information mentioned in the financial reports through delivering them to all departments in the same form and content and at the same time. E-accounting disclosure may contribute to easily compare between the data of the financial reports published in Internet and the data of public units as well as similar units available years ago.

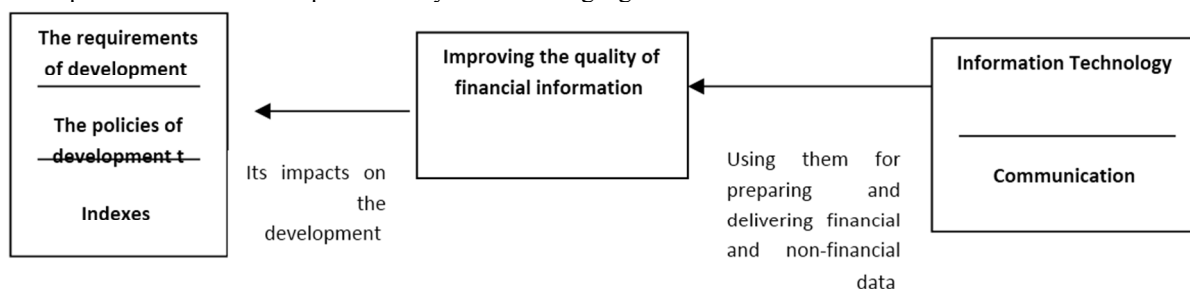
Two researchers has found that the tremendous development of the current environment leads to employ information and communication system in public accounting system in order to obtain high quality information due to the vital role which the information plays in the concept of economy pertaining to generate wealth and increase growth rates. Public financial system, which is able to conveying the data, achieving the goals of information users, therefore, shall be established. Thus, the following hypotheses will be tested:

H1A: There is a statistically significant relationship between using information technology for preparing and operating the financial data and the quality of accounting data issued by Jordanian public sector units.

H2A: There is a statistically significant relationship between using communication networks for exchanging, delivering and presenting accounting financial information and improving the quality of accounting information in public sector.

The impacts of using information and communication technology on the quality of accounting information of public units and their role of achieving economic development

The second axis of this research figures out the impacts of the quality of accounting information, resulting from the use of information technology in preparing and delivering the accounting information, on the economic development which can be represented by the following figure:



Information and communication technology contributes to increasingly pay attention to improve its quality and deliver it to the decision-makers as soon as possible in order to make the decisions pertaining to the economic development. Such decisions are mainly based on information characterized by high quality. Thus, these decision built on high quality information contributes to increase economic development rates. Accordingly, economic development can be achieved by the improvement of administrative action or procedure. However, such improvement needs to high quality information which contributes to make wise decisions of development; information technology provides data, which shows the indexes of economic development. Furthermore, information technology, which provides data pertaining to the volume and amount of the capital of the economy of the countries, helps the government to direct the governmental spending to certain sectors, contributing to achieve the economic development and increase the income of individual. Moreover, using information technology contributes to measure the level of development of the country through calculating the human development indexes in the country as well as the rates of changes of using information technology in addition to the amount of investing in the information technology and its effect on the performance of public units. Furthermore, using information technology in public units for preparing and delivering the accounting information contributes to achieve the requirements required for achieving economic development.

Planning is one of the basic requirements of economic development. Therefore, an accurate, appropriate and reliable information on public activities must be provided in order to establish successful and required plans as well as identify the main sectors which contribute to achieve economic development. Providing such information contributes to establish and formulate appropriate economic policies. It must include financial and non-financial information covering human recourses information which helps to achieve economic development.

In the field of economic development –related policies, accounting information contributes to achieve the policies, leading to achieve economic development and increase economic development rates; financial information on government activities especially in risk and uncertainty conditions helps the government to develop the policy required for saving as well as pricing policies of commission interests and to make decision related to investment. Moreover, this information helps the government to develop cash financial policies as

well as the foreign policy.

The main goal of accounting information in economic development field is to provide useful information used to make investment and saving decision, and estimate the amount and timing of uncertainty accompanied to the future cash flows; financial reports are the main tool of delivering information and providing decision-makers with specified and clear image of the development of government activity and its monetary and money centers. Using information and communication technology in preparing and delivering information to public and private sectors' units will allow to provide financial data in a flexible manner which is able to generate multiple information in terms of quantity and quality in light of the available alternatives as soon as possible and at high accuracy. In addition, using internet between public units as well as between public units and private sector contributes to easily access to a huge amount of information and improve the speediness of convening and analyzing information by virtue of the development of software. This leads to make wise decisions related to economic development. E-disclosure contributes to immediately and quickly spread financial data and reports achieve as well as to improve the possibility of the access of the beneficiaries whether they are inside or outside the country. Moreover, e-disclosure is an important source meeting the needs of economic decision-makers who attempt to promote economic development process. Thus, this study aims at testing the following hypothesis:

H2: Improving the quality of public accounting information as a result of the role of information and communication technology contributes to rationalize investment decisions which achieve economic development.

3- The Methodology of the study

3-1 Recourses and Method of Data Collection

This study is analytical and descriptive; in order to collect the data, two researchers have relied on:

- a- Primary resources: they include books, periodicals and journals related to the public accounting system as well as e-information systems.
- b- Secondary resources: a question has been designed; it has been based on the theoretical framework of testing the hypotheses of the study and distributing them to the population of the study.

3-2 The Population and Sample of the Study

Public units, including ministries and independent departments, are 48; however, 17 units has been chosen because these clearly use public accounting information systems in terms of their financial activities as well as requirements of the data; Appendix (1) illustrates public units and their role in economic development through their missions which they must perform in addition to central bank; 3 questionnaires have been distributed to each public unit; these questionnaires have been directed to administration and users of accounting information system as well as to one employee of information technology department; 51 questionnaires have been distributed by hand for ensuring that these question would be returned back. Accordingly, 49 questionnaires have been returned back; 48 questionnaires have been valid for statistical analysis.

3-3 Reliability of the instrument of study

For ensuring the reliability of study instrument, internal consistency variable "Cronbach Alpha" has been measured, ranging (0.87 – 0.92) Table (1) shows these treatments. Furthermore, these percentages have been considered suitable for the purposes of this study.

Table (1)

Internal Consistency Variable "Cronbach Alpha"

Field	Internal consistency
Employing information technology in preparing and operation the data contributes to improve the quality of public accounting information	0.89
Using and employing communication networks in delivering financial data and reports to public units contribute to improve the quality of accounting information.	0.87
Improving the quality of public accounting information, as a result of employing information technology and communication networks in delivering financial data and reports, contributes to achieve economic development	0.89
There are some obstacles hindering the use of information technology for improving the quality of public of accounting information for the purposes of economic development.	0.86
Instrument as a whole	.88

3-4 The Methods of Data Analysis and Hypotheses Test

The two researchers have used some suitable statistical methods in order to analyze data and test hypotheses;

they include the following:

- 1- Descriptive statistical methods: the measures of central tendency and dispersion have been found in order to present the results of the study and describe the responses through identifying arithmetic mean and standard deviation. In order to analyze the data and test hypothesis, the following scales have been adopted for accepting frequency: very high degree (5-4.05) representing (100% -81%); high degree (3.05 – 4) representing (% 61-80 %); middle degree (3- 2.05) representing (60-41); low degree (2- 1.05) representing (20% - 5%). Accordingly, the hypothesis is accepted if arithmetic mean is 3 or above i.e more than 60% of likert scale whereas the hypothesis is weak and unaccepted if the arithmetic mean is less than 3.
- 2- One sample T-Test : this has been used for testing the hypotheses of the study.

3-5 Respondents' Data Analysis

In this section of the study, demographic features of the sample of the study have been analyzed; table 2 has outlined these features as follows:

Table 2
Frequencies and Percentages According To Study Variables

Variable	Category	Frequency	Percentage (%)
Education	Diploma	2	4
	Bachelor	35	74
	Master degree	8	16
	Phd	3	6
	Total	48	100%
Specialty	Accountancy	19	40
	Information Technology	12	25
	Administrative Sciences	8	17
	Others	9	18
	Total	48	100%
Career Level	Financial Director	13	27
	Computer department director	8	17
	Head of Department	6	22
	Employee	21	44
	Total	48	100%

Table 2, stated above, has outlined demographic features; it has been noted that following:

- 1- Education: table 2 has showed that majority of respondents hold bachelor degree; they represent 74% of the sample of the study. The total percentage of the respondents who have bachelor degree as a minimum is 96 % of the sample. These results indicate that the level of education of the sample of the study is suitable for effectively and efficiently responding the questions of the study.
- 2- Specialty: the table has indicated that majority of respondents are specialized in accountancy; they represent 40 % of the sample of the study. This enables them to fully understand the items and elements of questionnaire. The higher total percentage is 65 %, representing two categories: accountancy and computer. These results indicate that the sample of the study is able to effectively and efficiently the questions of the study related to e-systems. It can be said that 57% of the sample of the study are specialized in accountancy and administrative science which are related to public accountancy as well as its importance. These results indicate that the respondents are able to respond the items of questionnaire pertaining to the features and quality of e-accounting systems.
- 3- Career Level: the table has showed the distribution of the sample of the study according to the respondents; 44 % of the sample of the study are employed in public units; this indicates that the respondents are capable to effectively respond the items of the questionnaire related to the features of information systems because they represent the category who increasingly use these system and can identify to which extent these systems are speed, accurate, flexible and effective.

3-6 presenting and analyzing the answers of the sample and testing hypotheses

3-6-1 the role of information technology in improving the quality of public accounting information

3-6-1-1 using and employing information technology in preparing public accounting information and its impact on the improvement of the quality of public financial information

Arithmetic means and standards deviations of responses of the sample of the study have been extracted; these responses are related to the items pertaining to the first field of the study, addressing the role of employing information technology in preparing public accounting information and its effect on the improvement of the

quality of public financial information in the Hashemite kingdom of Jordan; table 3 has showed that.

Table (3)

Arithmetic means, standard deviations of the performance of the sample of the study regarding the items pertaining to the role of information technology in improving the quality of public financial information

Employing information technology in preparing public accounting information contributes to improve the quality of public financial information in the Hashemite Kingdom of Jordan			
Items	Arithmetical mean	Standard deviation	Response Orientation
Employing information technology in public units contributes to improve the quality of public accounting data for the purposes of economic development	4.21	.98	Very high
Using information technology contributes to achieve the feature of appropriateness in public accounting information and increase its predictive ability for the purposes of economic development	4.58	0.58	Very high
Information technology plays a role in providing public data in due course	4.21	.59	Very high
Using information technology increases the reliability of public financial data	4.15	.74	Very high
Using information technology increases the accuracy of e-public accounting information system regarding the preparation of data.	4.42	.58	Very high
Accuracy of e-public accounting information contributes to meet the needs of public financial administration for the data.	4.33	.64	Very high
Using information technology increases the speediness of e-public accounting information system in preparing the data	4.33	.76	Very high
Using information technology enables e-public accounting information system to prepare reliable data.	4.46	.66	Very high
Using information technology enables e-public accounting information system to prepare verifiable data	3.96	.46	Very high
Using information technology enables e-public accounting information system to prepare financial data according to the needs of financial administration as well as governmental administration.	4.46	.58	Very high
Total	4.29	.36	

Table 3 has showed arithmetical means and standard deviations of the items related to the field of study pertaining to employ information technology in preparing public accounting information and its role in improving the quality of public financial information in the Hashemite Kingdom of Jordan; arithmetical means have ranged from 4.54 – 3.96; item No. 2 stating that " Using information technology contributes to achieve the feature of appropriateness in public accounting information and increase its predictive ability for the purposes of economic development " has been at the first rank and its arithmetical mean has reached 4.58, whereas item No. 9 stating that" Using information technology enables e-public accounting information system to prepare verifiable data" has been at the last rank and its arithmetical mean has reached 4.29; response's orientation has been very high. Accordingly, the sample of the study has agreed that using information technology highly contributes to improve the quality of accounting information; the orientation has been very high.

Arithmetical mean of the items related to the field of study pertaining to the role of information technology in improving the quality of accounting information has reached 4.29; respondents' orientation has been very high.

Furthermore, arithmetic mean of the items, constituting the first hypothesis, has been compared with the standard mark (3)- the acceptance standard of the hypotheses- by using (t) test as shown in Table 4.

Table 4
Arithmetical means, standard deviations and "T" test of items, constituting the first hypothesis

The role of information technology in preparing public accounting information in improving the quality of public financial information	No.	Arithmetical mean	Standard deviation	T value	Degrees of freedom	Significance level
	48	4.29	.36	-3.810	47	.000

Table above shows that there is statistical significance at a level of ($\alpha = 0.05$) between arithmetic mean and standard mark (3); t-value and significance level have reached -3.812, 0.000, respectively. This indicates that the hypothesis, stating that there is a statistically significant relationship between using information technology for preparing and operating the financial data and the quality of accounting data issued by Jordanian public sector units, is accepted.

3-6-1-2 the use of communication networks in exchanging and presenting public accounting information and its effect on the improvement of the quality of public financial information in the Hashemite Kingdom of Jordan

Table 5 has showed the responses of the sample of the study to the items related to the use of communication networks in exchanging and presenting public accounting information and its effect on the improvement of the quality of public financial information in the Hashemite Kingdom of Jordan.

Table 5

Arithmetic means, standard deviations of the performance of the sample of the study regarding the items pertaining to the role of information technology in improving the quality of public financial information

Employing information technology in delivering public accounting information contributes to improve the quality of public financial information in Jordan			
Items	Arithmetical mean	Standard deviation	Response Orientation
Employing communication networks in order to exchange the data in public units contributes to improve the quality of public accounting data	4.33	.70	Very high
Using communication networks in order to deliver and present the data contributes to achieve the feature of appropriateness in public accounting information and increase its predictive ability	4.25	.61	Very high
Using communication networks in delivering and presenting the data plays a role in providing public data in due course	4.54	.66	Very high
Using communication networks for delivering and presenting the data increases the reliability of public financial data	4.29	.62	Very high
Using communication networks in delivering and presenting the data increases the accuracy of e-public accounting information system regarding the presentation of data.	4.13	.74	Very high
Using communication networks in delivering and presenting the data enables e-public accounting information system to acquire the feature of comparability	4.46	.51	Very high
Using communication networks in delivering and presenting the data enables e-public accounting information system to acquire the speediness of preparing information for the purposes of economic development.	4.38	.65	Very high
Using communication networks in delivering and presenting the data enables e-public accounting information system to present reliable data.	4.46	.66	Very high
Total	4.35	.70	Very high

Table 5 has showed arithmetical means and standard deviations of the items related to the field of study pertaining to employ communication networks in exchanging and presenting public accounting information and its role in improving the quality of public financial information in the Hashemite Kingdom of Jordan; arithmetical means have ranged from 4.13 – 4.54; item No. 3 stating that " Using communication networks in delivering and presenting the data plays a role in providing public data in due course " has been at the first rank

and its arithmetical mean has reached 4.54, whereas item No. 5, stating that " Using communication networks in delivering and presenting the data increases the accuracy of e-public accounting information system regarding the presentation of data", has been at the last rank and its arithmetical mean has reached 4.13; response's orientation of all items of the study has been very high. Accordingly, the sample of the study has agreed that using communication networks highly contributes to improve the quality of accounting information; the orientation has been very high.

Furthermore, arithmetic mean of the items, constituting the second hypothesis, has been compared with the standard mark (3)- the acceptance standard of the hypotheses- by using (t) test as shown in Table 6.

Table 6

Arithmetical means, standard deviations and "T" test of items, constituting second hypothesis, in comparison with Standard Mark 3

The role of information technology in preparing public accounting information in improving the quality of public financial information	No.	Arithmetical mean	Standard deviation	T value	Degrees of freedom	Significance level
	48	4.45	.70	-3.810	47	.000

Table above shows that there is statistical significance at a level of ($\alpha=0.05$) between arithmetic mean and standard mark (3); t-value and significance level have reached -3.810, 0.000, respectively. This indicates that the hypothesis, stating that there is a statistically significant relationship between using communication networks for exchanging, delivering and presenting accounting financial information and improving the quality of accounting information in public sector is accepted.

3-6-2 Using and Employing Information Technology In Preparing Public Accounting Information and Its Effect on the Improvement of the Quality of Public Financial Information

Arithmetic means and standards deviations of responses of the sample of the study have been extracted; these responses are related to the items pertaining to the second field of the study which has touched upon the impacts of the application of information and communication technology on the improvement of the quality of public financial information and its contribution to achieve economic development in the Hashemite kingdom of Jordan; table 7 has showed that.

Table 7

Arithmetic means, standard deviations of the performance of the sample of the study regarding the items pertaining to the impacts of the application of information and communication technology on the improvement of the quality of public financial information and its contribution to achieve economic development

The impacts of the application of information and communication technology on the improvement of the quality of public financial information and its contribution to achieve economic development			
Items	Arithmetical mean	Standard deviation	Response Orientation
Using information and communication technology provides financial data, which helps the government to make investment –related decisions for the purposes of achieving economic development	4.21	.98	Very high
Public accounting information system, which uses information and communication technology, provides periodic financial reports, contributing to achieve economic development and its fields.	3.96	.46	Very high
Public accounting information system, which uses information and communication technology, provides financial reports, contributing to reduce uncertainty status when making economic development related –decisions.	4.21	.59	Very high
Public accounting information system, which uses information and communication technology, provides financial reports, illustrating expected future cash flows.	4.13	.74	Very high
Public accounting information system, which uses information and communication technology, provides the parties, who are interested in government supervision, with information.	4.42	.58	Very high
Public accounting information system, which uses information and communication technology, provides the parties, who are interested in providing governmental aid and grants, with information.	4.33	.64	Very high
Outputs of public accounting information system, which uses information and communication technology, focus on identifying country's revenues and their resources.	4.33	.76	Very high
Outputs of public accounting information system, which uses information and communication technology, focus on identifying country's expenses and their resources	4.46	.66	Very high
E-public accounting information system, which uses information and communication technology, provides information pertaining to risks accompanied to economic development projects.	4.58	.58	Very high
Outputs of public accounting information contribute to prepare budget for the purposes of economic development.	4.46	.66	Very high
Outputs of public accounting information contribute to follow up the implementation of budget.	4.46	.66	Very high
E-Public accounting information covers all activities of public units.	4.46	.66	Very high
Total	4.17	.70	Very high

Table 7 has showed arithmetical means and standard deviations of the items related to the field of study, stating that improving the quality of public accounting information as a result of the role of information and communication technology contributes to rationalize investment decisions which achieve economic development; arithmetical means have ranged from 4.46 – 3.96; Accordingly, this indicates that improving the quality of public accounting information through using information and communication technology contributes to rationalize investment decisions. However, the orientation has been middle.

Furthermore, arithmetic mean of the items, constituting third hypothesis, has been compared with the standard mark (3)- the acceptance standard of the hypotheses- by using (t) test as shown in Table 8.

Table 8

Arithmetical means, standard deviations and "T" test of items, constituting third hypothesis, in comparison with Standard Mark 3

improving the quality of public accounting information as a result of the role of information and communication technology contributes to achieve economic development	No.	Arithmetical mean	Standard deviation	T value	Degrees of freedom	Significance level
	48	4.17	.70	- 3.449	47	.001

Table 8 has showed that there is statistical significance at a level of ($\alpha = 0.05$) between arithmetic mean

and standard mark (3); t-value and significance level have reached -3.810, 0.000, respectively. This indicates that the hypothesis, stating that that improving the quality of public accounting information as a result of the role of information and communication technology contributes to rationalize investment decisions which achieve economic development, is accepted.

Results and Recommendations

Results

The study has found the following:

- 1- Information and communication technology is highly efficient and new methods, leading to computer integration; this enables computer to electronically process and convey information.
- 2- Information and communication technology increases the knowledge of individuals and economic units through information exchanging between different users, thus achieving sustainable human development.
- 3- Qualitative characteristics of accounting information lack to clarity, completeness, continuous profits, and aggregate information, improving the quality of this information in a manner that is compatible with information and communication technology.
- 4- Accounting information is characterized by high quality in light of employing information and communication technology.
- 5- Investment decisions are based on information in general and accounting information in specific.
- 6- Investment decisions pertaining to huge investments of public and private projects increase capital accumulation which achieve economic development.

Recommendation

This study recommended that

- 1- Information and communication technology shall be employed in information systems in general and accounting system in specific in order to process and convey the information to decision makers in due course; this will rationalize the process of making investment decisions.
- 2- All employees in public and private sectors shall be trained and learned information and technology information in general and computer, internet and software in specific in a manner that is compatible with current developments.
- 3- Some elements or properties pertaining to clarity, completeness, continuous profits and non-accumulated detailed information shall be added to characteristics presented in the board of financial accounting standards in order to improve the quality of this information.
- 4- Accounting and non-accounting information characterized by qualitative properties shall be relied on in order to make investment decisions, contributing to achieve economic development.
- 5- Due to the importance of economic development in each country, devising new better productive methods, developing skill and human powers and creating better arrangements in order to improve the level of production, contributing to achieve economic development, are greatly significant .
- 6- Due to the importance of information and communication technology in developing accounting profession as well as other professions, including the subject of information and communication technology in preliminary and high accounting curriculum is greatly important.
- 7- Preparing researches special to e-editing which add the reliability to information is greatly significant due to the importance of quality of information in light of information and communication technology.

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