

RESEARCH ARTICLE

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THE IMPACT OF THE USE OF ACCOUNTING SOFTWARE ON THE ACCURACY OF FINANCIAL INFORMATION AN ANALYTICAL STUDY OF THE OPINIONS OF A SAMPLE OF EMPLOYEES AT AL-MURABBA SOFTWARE SOLUTIONS COMPANY

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Abstract

In today's dynamic business landscape, the use of accounting software has become increasingly widespread, promising to enhance efficiency and accuracy in financial management processes. This study aims to know the impact of using accounting software on the accuracy of financial information within organizations. To achieve the research objectives, a questionnaire was distributed to employees of Al-Murabba Software Solutions Company, and by compiling results from both theoretical frameworks and practical insights, this research provides valuable implications for companies that aim to benefit from accounting software for financial management. It provides recommendations to improve program implementation strategies, enhance user training programs, and enhance data security measures to increase the accuracy and reliability of financial information. This study also contributes to the ongoing discourse on the role of technology in modern accounting practices and emphasizes the importance of aligning software adoption with organizational goals to achieve greater financial accuracy and effective decision-making.

Keywords Accounting Software, Accuracy of Financial Statements, Al Murabba Software Solutions Company.

INTRODUCTION

The First Search

Research Methodology

Problem of the Study

That accounting software helped management manage and control all financial matters in companies. However, impressive technological progress generates and strategically uses accounting information. Due to its importance, all companies, including SMEs, need this information to achieve the goal of dealing with high uncertainties in competitive environments. Thus, there is an increasing need to strengthen data processing systems and capacity to meet information requirements. Efficiency optimizes and reduces costs when accounting programs automate the accounting process, resulting in a faster, more accurate, and less erroneous procedure than manually. The current interconnected and computerized global business environment has caused accounting software information to become the growth factor in business organizations. Current research is looking at the ability of small and medium-sized enterprises to innovatively and effectively implement accounting software and appropriately manage their knowledge capabilities. This research is a potential source of reference and information for SME managers, policymakers in Iraq and other developing countries, and scientists researching to investigate organizational performance problems. Therefore, the current study hopes to fill the gap identified by studying accounting programs that affect data accuracy in accounting reporting for small and medium-sized businesses.

Importance of the Study

Automation of accounting processes: accounting programs automate many routine accounting processes, such as data entry, performing calculations, and generating reports, which saves time and effort for accountants and allows them to focus on the most critical tasks improve accuracy and reliability: accounting programs help improve

the accuracy of accounting data by validating the entered data and conducting internal audits automatically, reducing human errors and ensuring data reliability provide accurate and up-to-date information: Accounting programs provide accurate and up-to-date information about the financial condition of the company, which helps managers make informed decisions based on accurate data

Objectives of the Study

- 1_ Facilitating and organizing accounting processes: accounting programs aim to facilitate and organize the processes of entering financial and accounting data, which reduces human errors and improves the accuracy and speed of registration
- 2_ Provision of financial reports: accounting software helps in the preparation of critical financial reports such as income statements, Budget, and tax reports, making it easier for organizations and companies to analyze financial performance and make strategic decisions
- 3_ Improving efficiency and productivity: accounting software improves work efficiency and increases productivity by providing user-friendly interfaces and advanced financial data analysis tools
- 4_ save time and effort: accounting software reduces the time and effort required to enter and process financial statements, allowing accountants and managers to focus their efforts on other important tasks
- 5- ensuring compliance with accounting laws and regulations: accounting software helps ensure compliance with local and international accounting laws and regulations, reducing legal risks and financial penalties
- 6-in general, accounting programs are aimed at improving financial business management and facilitating accounting processes, which contributes to the success of enterprises and companies

Hypothesis of the Study

Accounting programs have a positive impact on improving the accuracy of financial statements in medium and small companies.

Limits of the Study

The spatial boundaries of this study were carried out in Iraq at the Al-Murabba software solutions company-Babylon Branch.

As for the time limits of this study, it took place between (February-March) of 2024

Previous studies

1 - Children of Amal leaders,, 2017. This study aims to identify the concepts of automated accounting information systems, their importance, components and elements, and to indicate the impact of automated accounting information systems on financial performance, and provide a tool to evaluate the automated accounting information systems used and their impact on the financial performance of the Ministry of finance, economy and development in White Nile State in Sudan, and this study efficiency provides reliable information, and the speed and accuracy of automated accounting information systems lead to raising the efficiency of financial performance in light of the presentation of previous studies related to the research objective, it becomes clear that Most of these studies have analyzed the nature of automated accounting information systems in terms of their concept, objectives, characteristics and design, and have been linked to various angles such as the impact on creative accounting, financial reports, and the design of those systems, in addition to focusing most of these studies on the financial performance of some government agencies in some countries, but this study differs from previous studies in accounting under electronic operation, in addition to studying and analyzing how Achieve and strengthen the standards of measuring the quality of financial reports and linking them with accounting practices in order to serve its users to make rational decisions

Study (Allawi,Rashid,, Shami, 2018) yukas technology incubator Case Study 2-the objectives of the study were to identify the

factors affecting the success and application of computerized accounting programs in particular at yukas technology incubator, as a case that can be generalized to the rest of the incubators in Palestine to harmonize appropriately with the study community, the importance of the study was based on its modernity, the interest of institutions in keeping up with technical development, and a few local studies that spoke in the same context, it is an attempt to identify the impact of using computerized accounting programs on the efficiency and effectiveness of entrepreneurial projects in business and technology incubators in Palestine, where the researcher asked what is the impact of using Computerized accounting programs to improve the financial performance of entrepreneurial projects in Palestine What are the influencing factors that direct entrepreneurs towards the use of computerized accounting programs in their entrepreneurial projects What is the impact of using computerized accounting programs on improving financial performance in entrepreneurial projects This study was characterized by the formation of a new addition that can be used locally and regionally in finding creative solutions to the research problem, and not just the runner-up study in measuring the impact of one factor on another , In order to achieve the objectives, the researcher conducted a field study based on an interview and a questionnaire, a questionnaire was distributed using the comprehensive survey method to entrepreneurs benefiting from the yukas incubator , and the positives of the respondents were analyzed using the statistical program (SPSS) for data analysis and hypothesis testing , the questionnaire was divided into three axes, which includes that there is an important role of computerization in their entrepreneurial projects, and states that there is an important role Statistical significance of the use of computerized accounting programs in entrepreneurial projects to improve their financial performance, and there is a statistically significant impact of the factors influencing the use of computerized

accounting programs on improving the financial performance of entrepreneurial projects, and the results of the study had a significant impact on entrepreneurial projects in Palestine and help in preparing a methodology and practical material based on scientific research at incubators as creative solutions to accounting problems, of which a large category of pioneers . Evaluation of the study: the problem of the study focused on the impact of using computerized accounting programs on improving the financial performance of entrepreneurial projects in Palestine, and the researcher relied on the interview and questionnaire, and the study found that there is a tangible perceived benefit from accounting programs is important and positively affects this trend. Computerization to achieve the goals of the entrepreneurial project increases the orientation of entrepreneurs towards using it in their entrepreneurial projects, and that the benefit has a role

Teru, S. P., Idoko, I. F., & Bello, L. (2019). The Impact of E-Accounting in Modern Businesses. *International Journal of Accounting & Finance Review*, 4(2), 1-4.

This study dealt with "the impact of accounting software on business performance" the aim of this study is to assess the impact of using the accounting software system on the business performance of companies in Malaysia, the impact of software efficiency on business performance and the impact of software reliability, investigating the impact of software data quality on business performance, where the researcher wondered what is the impact of software efficiency on business performance?" And what is the impact of software reliability on business performance What is the impact of usability software on business performance what is the impact of software data quality on business performance What is the impact of software accuracy on business performance In

order to achieve the goals, the researcher analyzed the effect of The study found that these AIs characteristics that accounting information possesses such as: efficiency, reliability, ease of use, data quality and accuracy have significant effects on the use of AIS and the performance of the company. Evaluation of the study: the problem of the study centered on the extent of the impact of accounting programs on business performance, and relied on the analysis of the characteristics of accounting programs, where he concluded that the characteristics of accounting programs have a significant impact on business performance.

The Second Topic

The first axis: (accounting programs)

The field of ready-made programs in accounting applications is now witnessing a large number of suppliers of these programs, and this has resulted in an increase in the number of program suppliers over the past years in terms of quantity and quality, and the multiplicity of types of programs and their different quality has made it difficult to choose between this large number of alternatives, but the tracker of these programs finds that the cost of the program is the only determinant of choosing ready-made programs, so when choosing one of the ready-made programs in accounting applications, the extent of the program's compliance with the needs of the enterprise and the consistency between the hardware and software offered to use the methods of control and protection available to the program, the scalability of the program, or Adjustment and maintenance services. When taking into account these things in ready-made programs in accounting applications

The concept of accounting programs

Ratio	Standard deviation	SMA	Parag raph	The variable
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			Symb ol	
69.882	0.57264	3.4941	X1	The use of accounti ng softwar e
66.352	0.64175	3.3176	X2	
65.882	0.77699	3.2941	X3	
68.47	0.70557	3.4235	X4	
67.6465	0.674238	3.38233	X5	

Source: SPSS Program Output

The results presented in Table (1) indicate that the values of the arithmetic mean of all dimensional paragraphs have exceeded the hypothetical mean of the Likert scale, which consists of (5) ranks, which is (3), and this indicates the prevalence of this variable in the organization under study, but it is below the level of ambition, as well as the results showed a decrease in the standard deviation, indicating

homogeneity and consistency of responses.

2 - variable descriptive analysis of the accuracy of financial information

Using the statistical program SPSS, the arithmetic mean analysis was obtained as an indicator of the centrality of the data, and the standard deviation was analyzed as an indicator of the degree of dispersion of Justice. Table (2) below reviews the results obtained.

Table (2) variable descriptive analysis of the accuracy of financial information

Ratio	Standard deviation	SMA	Paragr aph Symb ol	Change
65.764	0.58447	3.2882	Y1	Accuracy of financial informati on
71.648	0.45894	3.5824	Y1	
72.22	0.509	3.611	Y2	
72.706	0.70447	3.6353	Y3	
70.352	0.53068	3.5176	Y4	
64.942	0.90287	3.2471	Y5	
65.53	0.53805	3.2765	Y6	

The results presented in Table (2) indicate that the values of the arithmetic mean of all dimensional paragraphs exceeded the hypothetical mean of the Likert scale, which

consists of (5) ranks, which is (3), and this indicates the prevalence of this variable in the organization under study, as well as the results showed a decrease in the standard deviation, indicating homogeneity and consistency of

responses.

Testing hypotheses

First: the test of correlation relations (the first main hypothesis)

The researchers tested the first main hypothesis, which states that there is a

correlation between the use of accounting programs and the accuracy of financial information as follows: Table (3) shows that there is a significant correlation between the use of accounting programs and the accuracy of financial information, as the correlation value reached (0.804) at a significant level (0.05).

Table (3) results of correlation relations between the use of accounting software and the accuracy of financial information.

T-table	X	X Y
	0.804	Accuracy of financial information
1.96		T Value
	0.000	P value
	acceptance	Result

From the results shown in Table (3), it is clear that the acceptance of the first main hypothesis, since the value of the correlation coefficient was significant at the level of

T is greater than 1.96.

Second: testing the relationships of influence

The second main hypothesis states::

There is a positive and moral relationship

between the use of accounting programs and the accuracy of financial information. with regard to proving the validity of this hypothesis, the results related to the regression model showed that there is a positive and moral relationship between the use of accounting programs and the accuracy of financial information, as the calculated value of F has reached (188.485) at a moral level (%1), which indicates the moral of this model, see Table (4).

The impact relationship between the use of accounting software and the accuracy of financial information						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	187.198	5	37.440	188.485	.000 ^a
	Residual	58.796	296	.199		
	Total	245.994	301			
a. Predictors: (Constant), X						
b. Dependent Variable: Y						

Table (4) the R2 value of the second hypothesis model					
Model		R	R Square	Adjusted R Square	Std. Error of the Estimate
Variable	1	.872 ^a	.761	.757	.44569
a. Predictors: (Constant), X					
b. Dependent Variable: Y					

CONCLUSIONS AND RECOMMENDATIONS

First: conclusions

1-computers and accounting programs have a role in giving a correct picture of financial reports.

2_ Accounting programs contribute to achieving transparency of data accuracy.

3_accounting programs provide timely information

4_ Accounting programs reduce the risk of fraud by providing accurate records and continuous audits of financial activity

5_accounting programs help improve the accuracy of financial reports

Second: Recommendations

1-the need to update accounting programs in line with technological development.

2-the need to popularize accounting programs as an essential means of improving the quality of financial reports.

3-the use of accounting programs to provide appropriate information that helps rationalize decisions.

4_ Train employees to use accounting software correctly to minimize errors.

5_ Regularly review reports to ensure their accuracy and completeness.

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