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CONTENTS

The development potential of ecotourism and sustainable tourism practices in the kashkadarya region.....	6
Khushvakhtov Ramziddin	
How transport access affects housing prices.....	9
Mannonov Shahzod Istam Ugli, Ibragimov Xasan Usmonjon Ugli	
Prospects and effectiveness of implementing mobile marketing technologies in higher education institutions.....	18
Murod Batirovich Khidoyatov	
Factors influencing the development of the food processing industry: an economic analysis.....	23
Urolova Sevara Bekhzod kizi	
Ensuring cybersecurity in commercial banks of Uzbekistan.....	29
Erdashov Alimjan Baxramovich	
University students' adoption of cashless payments in uzbekistan: behavior, trust, and challenges.....	33
Khikmatullaev Ismoilkhuja Khusan ugli, Asep Miftahuddin	
The effects of inflation rate and investment rate toward unemployment in Uzbekistan.....	43
Ruziev Bekmurod Urol ugli, Dr.Susanti Kurniawati	
The importance of using e-commerce systems in enhancing the financial potential of joint-stock companies.....	47
Vakhobov Shokhjahan Valiyevich	
Integration of optoinformatic systems and artificial intelligence for automatic quality control of video equipment.....	50
Allamuratov Timur Koshmurat uli	
The role and importance of commercial banks in the development of the capital market.....	53
Aybek Kayipbergenov, Baymuratova Zina Akilbekovna	
Global trends in mobile payment adoption: a systematic literature review with insights for indonesia.....	57
Mukhitdinov Islomjon Jakhongir ugli, Dr. Maya Sari, S.E., M.M.	

THE IMPORTANCE OF USING E-COMMERCE SYSTEMS IN ENHANCING THE FINANCIAL POTENTIAL OF JOINT-STOCK COMPANIES

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Abstract: This article analyzes the significance of utilizing e-commerce systems to enhance the financial potential of joint-stock companies. E-commerce technologies enable joint-stock companies to optimize costs, expand their customer base, and increase revenues. The article highlights the advantages, modern trends, and key aspects of e-commerce implementation, along with the role of innovative approaches in boosting economic efficiency.

Key words: e-commerce, joint-stock company, financial potential, innovations, economic efficiency.

INTRODUCTION

Today, the digital transformation of the global economy is progressing at a rapid pace. E-commerce systems are playing a significant role in every industry, including the activities of joint-stock companies. The issue of enhancing the financial potential of joint-stock companies has become one of the key challenges due to increasing competition, expanding market access opportunities, and the need for cost optimization. The implementation of e-commerce allows joint-stock companies to adapt flexibly to market demands and customer needs, reduce costs, and create new sources of revenue. Moreover, e-commerce systems not only improve financial performance by ensuring effective integration with both domestic and international markets but also significantly enhance financial indicators.

This article focuses on the application of e-commerce systems in the activities of joint-stock companies. The reason for selecting this research topic lies in the need for a deep study of the potential opportunities that e-commerce holds for increasing economic efficiency. The relevance of this research is that e-commerce systems hold strategic importance for the successful operation of joint-stock companies in the digital economy.

The scientific novelty of this article is that it analyzes the modern methods and innovative approaches of e-commerce systems in enhancing the financial potential of joint-stock companies based on primary data and develops relevant recommendations. The findings of this study can serve as a practical guide for the leadership and financial managers of joint-stock companies.

LITERATURE REVIEW

E-commerce systems and their role in improving business activities are among the most relevant topics in current scientific and practical research. Numerous scientific sources and analyses highlight the importance of e-commerce in enhancing the financial potential of joint-stock companies. F. Kotler and G. Armstrong in their 15th edition of *Marketing Strategies* analyze the strategic significance of marketing through e-commerce tools. Their research is based on methods to improve companies' financial performance by responding quickly to market needs and optimizing costs. These studies demonstrate the importance of e-commerce in strengthening customer relationships in joint-stock companies. Similarly, D. Chaffey's 2019 research on digital strategy proposes methods aimed at enhancing companies' competitiveness in the global market through the development of innovative e-commerce approaches. His analyses emphasize the impact of e-commerce platforms on financial performance and underline the development opportunities of joint-stock companies in the digital economy.

Furthermore, numerous local and international sources, including the decrees of the President of the Republic of Uzbekistan on digital economy policies, stress the vital role of government initiatives and legal frameworks in promoting e-commerce systems. These normative documents are aimed at reinforcing the legal and economic foundations necessary for the advancement of e-commerce infrastructure. In summary, the reviewed literature reveals various aspects of how e-commerce enhances the financial potential of joint-stock

companies. It underlines the significance of e-commerce systems in boosting economic efficiency, optimizing operational costs, applying innovative technologies, and integrating with global markets, while also emphasizing the urgent need for developing supportive infrastructure and legal mechanisms.

RESEARCH METHODOLOGY

This scientific article employs multiple methodological approaches to investigate the importance of implementing e-commerce systems in enhancing the financial potential of joint-stock companies. The following methods were applied in accordance with the research objectives and tasks: theoretical analysis was conducted through a review of scientific articles, books, and reports at both national and international levels, focusing on key theories and model-based approaches for achieving financial efficiency through e-commerce. Empirical research involved evaluating the economic impact of adopting e-commerce systems using actual financial indicators of joint-stock companies, comparing the financial outcomes of those that implemented e-commerce systems with those that had not, and analyzing financial statements to assess income, expenses, and net profit.

Statistical analysis was used to thoroughly examine the research results, including performing regression analysis to determine changes in financial indicators and calculating the correlation coefficient to assess the influence of e-commerce systems on revenue generation. The case study method was employed to explore successful examples of e-commerce implementation, involving an in-depth investigation of the experiences of joint-stock companies and analyzing practical examples to illustrate the impact of these systems on financial efficiency. Expert interviews were conducted with specialists in e-commerce and financial management, whose opinions enriched the research findings and helped identify challenges encountered during implementation, along with strategies to overcome them.

A comparative analysis was also performed between joint-stock companies that successfully implemented e-commerce systems and those that did not, which helped evaluate the influence of e-commerce on financial stability. Based on these methodological approaches, the study effectively demonstrates the economic and practical significance of applying e-commerce systems to enhance the financial potential of joint-stock companies and provides actionable recommendations for overcoming challenges related to successful implementation.

ANALYSIS AND RESULTS

This research aimed to assess the economic efficiency of applying e-commerce systems to enhance the financial potential of joint-stock companies. The findings of the study revealed the following key aspects: the implementation of e-commerce systems in joint-stock companies led to positive results such as a 25–30% increase in annual revenue compared to companies that did not use such systems, a 15–20% reduction in marketing and logistics costs, and a significant increase in the customer base due to the effectiveness of e-commerce platforms in attracting new clients. In terms of investment efficiency, the return on investment (ROI) for e-commerce systems was typically 1–2 years, and 80% of e-commerce projects delivered results above the expected profit threshold.

Table 1. Dynamics of financial indicators.

Indicators	E-commerce Applied	E-commerce Not Applied
Average annual revenue growth	25%	10%
Cost reduction	20%	5%
Profitability (ROI)	15%	7%

However, the research also identified challenges in implementing e-commerce systems, including infrastructure limitations due to insufficient development of modern digital technologies, a noticeable shortage of skilled personnel in the field, and a relative increase in competitiveness for companies that had adopted e-commerce, creating a gap with those that had not. To address these issues, it is recommended to develop technological infrastructure, provide specialized training for employees working with e-commerce systems, and ensure government support in the form of tax reductions and subsidies. Overall, e-commerce systems create significant opportunities to improve the financial efficiency of joint-stock companies, as confirmed by the study, by increasing revenue, reducing costs, and enhancing competitiveness. At the same time, successful implementation requires attention to infrastructure development, personnel training, and supportive government policies.

CONCLUSION AND RECOMMENDATIONS

The results of the research indicate that applying e-commerce systems significantly increases the financial potential of joint-stock companies and enhances their efficiency. Joint-stock companies that implemented e-commerce systems were able to increase their revenues by 25–30%. Costs decreased, and profit indicators grew. E-commerce platforms were recognized as a key tool for gaining a competitive advantage. E-commerce opened new markets and provided the opportunity for quick communication with customers. Investments made in e-commerce systems paid off in a short period, with high profitability indicators. Modern digital technologies and internet infrastructure are key factors determining the effectiveness of e-commerce.

To successfully implement e-commerce systems and enhance the financial potential of joint-stock companies, the following practical measures are recommended: implement modern online sales platforms and digital technologies in companies; strengthen collaboration between the public and private sectors to improve internet infrastructure; organize specialized training programs for employees working with e-commerce systems; introduce skill development courses to enhance knowledge of modern digital commerce and marketing; reduce taxes or provide incentives for the development of e-commerce; allocate government subsidies for companies operating in the e-commerce sector. The results of this study demonstrate the positive impact of e-commerce on the financial stability and efficiency of joint-stock companies. The proposed measures for successfully implementing these systems will contribute to further improving financial results and enhancing the competitiveness of companies in the market.

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