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CONTENTS

EMPIRICAL ASSESSMENT OF INTERNAL AND EXTERNAL FACTORS AFFECTING THE COMPETITIVENESS OF THE FOOD INDUSTRY IN UZBEKISTAN	10
Urolova Sevara Bekhzod qizi	
INTEGRAL MANAGEMENT MODELS FOR IMPROVING THE CIRCULAR ECONOMY SYSTEM IN AGRICULTURE	16
Nazirova Zulfina Salimovna	
IMPROVING THE FINANCING MECHANISM OF LOCALIZATION IN THE METRO INDUSTRY AND ITS SCENARIO-BASED ASSESSMENT	21
Mansurov Khamrokul Ilkhomovich	
THEORETICAL FOUNDATIONS OF TEACHING METHODS IN HIGHER EDUCATION INSTITUTIONS.....	28
Berdiyeva Nilufar Axatovna	
INTERNATIONAL EXPERIENCE IN ROAD SECTOR FINANCING AND ROAD ASSET MANAGEMENT: IMPLICATIONS FOR SUSTAINABLE INFRASTRUCTURE DEVELOPMENT IN UZBEKISTAN.....	34
Feruz Shokirov	
ECONOMIC OPPORTUNITIES FOR POVERTY REDUCTION THROUGH SERVICE SECTOR DEVELOPMENT.....	42
Saparov Murod Irgashovich	
DIGITAL-INTEGRATION MODEL OF GREEN LENDING: INSTITUTIONAL GROUNDING IN COMMERCIAL BANK PRACTICE	46
Melikuzieva Dilrabo Mukhitdinovna	
CURRENT STATE OF ECONOMIC COOPERATION IN THE NAMANGAN REGION: LESSONS FROM INTERNATIONAL EXPERIENCE.....	52
Sattarov Ravshan Alimovich	
MODERN LEVELS OF INNOVATIVE DIGITAL BANKING SERVICES IN COMMERCIAL BANKS.....	60
D. M. Kallibekov	
EFFECTIVENESS OF USING AUTOMATED MANAGEMENT SYSTEMS IN RESOURCE CAPACITY MANAGEMENT IN TEXTILE INDUSTRY ENTERPRISES.....	64
Makhammadieva Izhobat Abdiganievnna	
TEXTILE INDUSTRY PRODUCTION CAPACITY GROWTH FORECAST	75
Joraqulov Javakhir Asomiddin's Son	
FORECASTING THE MECHANISM FOR ASSESSING INVESTMENTS ATTRACTED TO SMALL BUSINESS ENTITIES IN THE ANDIJAN REGION THROUGH 2030	80
Jo'rayeva Moxinur Axmadjon qizi	
IMPROVEMENT OF PERSONAL MANAGEMENT IN TEXTILE INDUSTRY ENTERPRISES BASED ON CHOICE OF ORGANIZATION MODELS.....	88
Djumaniyazova Jamila Davronovna	
THE ROLE OF THE INTERNAL CONTROL SYSTEM IN RISK MANAGEMENT OF SMALL BUSINESS ENTERPRISES.....	93
Umarov Azizjon	

SPATIAL ECONOMETRIC MODELING IN THE MASS APPRAISAL OF REAL ESTATE: A GEOGRAPHICALLY WEIGHTED REGRESSION APPROACH (THE CASE OF TERMEZ CITY)	102
Khushvaktov Jasur Shukhrat ugli	
НАПРАВЛЕНИЯ РАЗВИТИЯ РЫНКА ЭЛЕКТРОТЕХНИЧЕСКОГО ОБОРУДОВАНИЯ В УЗБЕКИСТАНЕ	110
Джураев Муротжон Сотиволдиевич	
SCIENTIFIC AND PRACTICAL FOUNDATIONS FOR ASSESSING AND IMPROVING THE EFFECTIVENESS OF INTERNAL AUDIT IN COMMERCIAL BANKS	120
Yuldashev Xurshidbek Mamirjonovich	
ECONOMIC EFFICIENCY OF IMPLEMENTING ARTIFICIAL INTELLIGENCE TECHNOLOGIES IN BEEKEEPING AND FORECAST INDICATORS FOR 2026–2030	130
Farmanov Jonibek Ziyadullaevich	
ENSURING SUSTAINABLE ECONOMIC DEVELOPMENT THROUGH THE DIVERSIFICATION OF THE SECTORAL STRUCTURE OF FIXED CAPITAL INVESTMENTS IN A REGION (THE CASE OF KHOREZM REGION)	137
Sultanova Aziza Bahtiyor qizi	
PROSPECTS FOR THE DEVELOPMENT OF ENTREPRENEURIAL ENTITIES PRODUCING FOOD PRODUCTS IN TASHKENT REGION	146
Abdulxamidova Nodira Abdura	
DYNAMIC PERFORMANCE OPTIMIZATION AND WEAR REDUCTION OF THE CAM SYSTEM IN CARDAN COUPLINGS FOR METRO ROLLING STOCK TRACTION DRIVES	153
Asamitdin Fayzullaev	
Ziyevutdin Fayzullaev	
RECOGNISED BUT NOT MEASURED: THE SUSTAINABLE DEVELOPMENT GOALS AND THE PERFORMANCE FRAMEWORK OF UZBEKISTAN'S STRATEGY-2030 (PRESIDENTIAL DECREE UP-21 OF 2026)	160
Salakhutdinova Yulduz Golibovna	
ANALYSIS OF PRODUCTION EFFICIENCY IN CONSTRUCTION MATERIALS MANUFACTURING ENTERPRISES: EVIDENCE FROM ANDIJAN REGION	168
Toshpulatov Asronbek Mutalibovich	
THE IMPACT OF FREE TRADE AGREEMENTS ON UZBEKISTAN'S TEXTILE INDUSTRY: A PANEL DATA ANALYSIS, 2017–2023	176
Jurabek Toshbekov	
Navik Istikomah	
A.B. Bobojonov	
HUMAN-AI SYNERGY IN STRATEGIC DECISIONMAKING OF ENTERPRISES IN UZBEKISTAN	182
Abdullaeva Odinakhon	
ANALYSIS OF THE CURRENT STATE OF ENTREPRENEURIAL ACTIVITY IN UZBEKISTAN'S TOURISM SECTOR	186
Yuldashev Bekzodjon Sherzodjon ugli	
A COMPREHENSIVE SYSTEM OF CRITERIA FOR ASSESSING THE FACTORS AFFECTING THE EFFECTIVENESS OF INTERNAL AUDIT IN PRIVATE HIGHER EDUCATION INSTITUTIONS	190
Turmanqulov Norpo'lat Sa'dullayevich	
DESIGNING A THREE-LEVEL KPI FRAMEWORK FOR RANKING-ORIENTED UNIVERSITY GOVERNANCE: INTEGRATING DIGITAL MONITORING AND RESOURCE OPTIMIZATION	197
Mukhlisa Mamajonova	
ВЛИЯНИЕ IFRS 18 НА ПРЕДСТАВЛЕНИЕ КОНСОЛИДИРОВАННОЙ ФИНАНСОВОЙ ОТЧЁТНОСТИ: СРАВНИТЕЛЬНЫЙ АНАЛИЗ С IAS 1	208
Шамсиева Нозима Шермат кизи	

INNOVATIVE MECHANISMS FOR IMPROVING THE ENVIRONMENTAL MANAGEMENT SYSTEM AT ENTERPRISES.....	218
Uralova Sojida Anvar qizi	
IMPROVEMENT OF ECONOMIC MECHANISMS IN THE ORGANIZATION OF INFORMATION AND COMMUNICATION TECHNOLOGY SERVICES.....	225
Rajaboyev Shahboz Shodi o'g'li	
IMPROVEMENT OF INTERNAL CONTROL ASSESSMENT QUESTIONNAIRE IN COMMUNICATION ENTERPRISES INVENTORY AUDIT BASED ON HAS 240 AND HAS 315 REQUIREMENTS.....	233
Jamilov Jushqin Jonon ugli	
IMPROVING DIGITAL TRANSFORMATION MECHANISMS IN THE STRATEGIC MANAGEMENT OF MODERN PAYMENT SYSTEMS.....	239
Iskandarov Xurshid Iskandarovich	
INNOVATIVE DETERMINANTS OF POVERTY: AN ECONOMETRIC ANALYSIS BASED ON REGIONAL PANEL DATA	246
Amrullayev Dadaxon	
ECONOMIC MECHANISMS FOR STIMULATING ENTERPRISES' DEMAND FOR TECHNOLOGY UNDER INDUSTRY 4.0 CONDITIONS.....	251
Erkayev Akrom Normukhammadovich	
IMPROVING THE ORGANIZATIONAL AND ECONOMIC MECHANISM OF FAMILY BUSINESS MANAGEMENT THROUGH INNOVATIVE APPROACHES: THE CASE OF ANDIJAN REGION.....	258
Sultonov Bobirmirzo Mavlonjon o'g'li	
THE EFFICIENCY OF MARKETING COMMUNICATIONS IN LIGHT INDUSTRY ENTERPRISES IN 2023–2025: EVIDENCE FROM THE TEXTILE SECTOR OF THE BUKHARA REGION.....	266
Mukhsinov Bekzod Tokhirovich	
ENSURING TRANSPARENCY IN FOREIGN TRADE: ADVANTAGES OF PUBLICLY DISCLOSING THE PRICES OF FOREIGN TRADE-RELATED SERVICES IN THE “SINGLE WINDOW” CUSTOMS INFORMATION SYSTEM.....	279
Muzafarov Azimjon Ashraf ugli	
THE SELF-EMPLOYMENT SYSTEM IN UZBEKISTAN AND ITS ROLE IN POVERTY REDUCTION	282
Zakirov Mir Timur Zokir ugli	
PERFORMANCE IMPROVEMENT MECHANISMS FOR ACADEMIC STAFF IN HIGHER EDUCATION.....	289
Sultonboyeva Munira Bahodirovna	
Sultanova Kamila Mukhtorali kizi	
ECONOMETRIC ASSESSMENT OF THE SOCIO-ECONOMIC DETERMINANTS OF GROSS REGIONAL PRODUCT PER CAPITA IN UZBEKISTAN	298
Fayziyeva Nargiza Rabimovna	
IMPROVING THE METHODOLOGY OF FINANCIAL ANALYSIS BASED ON THE INDICATORS OF THE STATEMENT OF FINANCIAL POSITION OF BUSINESS ENTITIES	305
Berdieva Marjona Shavkat kizi	
BUDGETING IN SANATORIUM AND HEALTH RESORT ORGANIZATIONS: FINANCIAL PLANNING AND COST MANAGEMENT	312
Tilabov Shohrukh Bahriddin o'g'li	
PRINCIPLES AND ORGANIZATIONAL AND ECONOMIC MECHANISMS FOR THE DEVELOPMENT OF GREEN SERVICES IN UZBEKISTAN	318
Y.M.Khalikov	
ANALYSIS OF SECTOR EFFICIENCY BASED ON THE DEVELOPMENT OF VEGETABLE CROP SEED PRODUCTION	325
Faxriddinov Abdulhakim Ziyaiddinovich	

USING THE OPPORTUNITIES OF THE PLATFORM ECONOMY TO DEVELOP THE ACTIVITIES OF SMALL BUSINESS ENTITIES ON DIGITAL PLATFORMS.....	332
Tursunxoʻjayeva Gulnoza Jamoliddin qizi	
METHODOLOGICAL APPROACHES TO IMPROVING THE EFFICIENCY OF DIGITAL SERVICES FOR BUSINESS ENTITIES.....	340
Yusupova Dilbar Mirabidovna	
DIGITALIZATION IN THE RETAIL BANKING SYSTEM: CUSTOMER ENGAGEMENT AND THE LEVEL OF FINANCIAL PRODUCT USAGE IN THE ASIAN REGION.....	345
Maxsadaliyeva Maftuna Toxir qizi	
DEVELOPMENT TRENDS AND ECONOMIC CHARACTERISTICS OF THE MEDICAL SERVICES MARKET.....	350
Urokov Firdavs Ortikniyoz ugli	
THE U.S. PRIVATE EQUITY MARKET MODEL: KEY DRIVERS AND IMPLICATIONS FOR UZBEKISTAN.....	356
Fayziyev Umurqul Shuxratovich	
Tulaganova Rukhshona Farrukh qizi	
CONCEPTUAL FRAMEWORK FOR IMPROVING ACCOUNTING SYSTEMS IN NON-STATE HIGHER EDUCATION INSTITUTIONS.....	366
Kholikova Durdona Bunyodjon kizi	
ANALYSIS OF TAX REVENUE LOSSES DUE TO THE SHADOW ECONOMY: THE CASE OF UZBEKISTAN AND FOREIGN COUNTRIES.....	375
Abdullayev Shavkat Nasriddinovich	
DIRECTIONS FOR IMPROVING THE INTERNAL CONTROL AND AUDIT SYSTEM IN AN ENTERPRISE.....	381
Karamatova Noiba Husnitdinovna	

DIRECTIONS FOR IMPROVING THE INTERNAL CONTROL AND AUDIT SYSTEM IN AN ENTERPRISE

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Abstract. This article examines the content, functions, and components of the internal control and audit system in an enterprise, as well as their impact on operational efficiency. The internal control system is considered an important mechanism for safeguarding enterprise resources, ensuring the legality and appropriateness of business transactions, improving the reliability of financial reporting, and identifying errors in a timely manner. The role of internal audit in evaluating the control system, identifying risks, and developing recommendations to eliminate deficiencies is also analyzed. The study systematizes the key areas of the control environment, risk assessment, control procedures, information exchange, and monitoring. Major internal control problems, their impact on audit procedures, and measures for improvement are analyzed using tables. As a result, practical recommendations are developed for integrating internal control and audit, strengthening a risk-based approach, and improving documentation and monitoring.

Keywords: internal control, internal audit, audit, audit risk, control environment, risk management, control procedures, monitoring, audit evidence, financial reporting, internal audit function.

Аннотация. В статье рассматриваются содержание, функции и компоненты системы внутреннего контроля и аудита на предприятии, а также их влияние на эффективность деятельности. Система внутреннего контроля рассматривается как важный механизм защиты ресурсов предприятия, обеспечения законности и целесообразности хозяйственных операций, повышения достоверности финансовой отчетности и своевременного выявления ошибок. Также анализируется роль внутреннего аудита в оценке системы контроля, выявлении рисков и разработке рекомендаций по устранению выявленных недостатков. В исследовании систематизированы основные направления контрольной среды, оценки рисков, контрольных процедур, обмена информацией и мониторинга. Основные проблемы внутреннего контроля, их влияние на аудиторские процедуры и меры по совершенствованию проанализированы с использованием таблиц. В результате разработаны практические рекомендации по интеграции внутреннего контроля и аудита, усилению риск-ориентированного подхода, а также совершенствованию документирования и мониторинга.

Ключевые слова: внутренний контроль, внутренний аудит, аудит, аудиторский риск, контрольная среда, управление рисками, контрольные процедуры, мониторинг, аудиторские доказательства, финансовая отчетность, функция внутреннего аудита.

INTRODUCTION

Under current economic conditions, enterprise stability depends not only on the volume of production or services provided but also on the effectiveness of financial resource management. The movement of financial resources, safeguarding of inventories, the status of receivables and payables, and the proper recognition of income and expenses directly affect an enterprise's financial performance. The internal control system plays an important role in regulating these processes¹.

The primary purpose of internal control extends beyond identifying errors. It also involves preventing errors and unlawful actions, allocating authority and responsibility, regulating document flows, assessing risks, and providing management with reliable information in a timely manner. Therefore, internal control should be regarded as an integral part of an enterprise's day-to-day management process.

¹ Dustmurotov R.D. Auditing. – Tashkent: Economics and Finance, 2019.

Audit is an important control mechanism that provides an independent assessment of an enterprise's financial information and control system. The auditor evaluates not only the existence of control procedures but also their effectiveness in practice. The effectiveness of internal control is therefore an important factor in determining audit risk, the scope of the audit, and the selection of appropriate audit procedures.

The relevance of this study lies in the importance of improving internal control and audit as an interconnected system rather than as separate processes. Such an approach contributes to strengthening financial discipline and improving the quality of management decisions.

RESEARCH AIM AND OBJECTIVES

The main objective of the study is to examine the interrelationship between the internal control and audit systems in an enterprise, identify existing problems, and develop practical recommendations for improving control effectiveness.

To achieve this objective, the following tasks were defined: to explain the content and components of internal control; determine the importance of assessing control risks; demonstrate the role of internal audit in management; systematize audit procedures for key control objects; analyze internal control problems; and develop a step-by-step model for improving internal control.

LITERATURE REVIEW

The issues of improving internal control and audit systems in enterprises have been widely studied by foreign and domestic scholars. The development of scientific approaches to internal control has gradually shifted from a narrow focus on checking accounting operations and preventing errors toward an integrated system of risk management, corporate governance, information reliability, and organizational performance.

One of the most influential approaches to internal control is presented by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The COSO Internal Control—Integrated Framework considers internal control as an integrated process aimed at achieving operational, reporting, and compliance objectives. The 2013 framework identifies five interrelated components: control environment, risk assessment, control activities, information and communication, and monitoring activities. It also establishes 17 principles for assessing the effectiveness of internal control. This approach demonstrates that internal control should not be regarded only as a financial inspection mechanism but as an integral part of enterprise management and risk assessment.

Robert Simons developed another important approach by emphasizing the strategic role of management control systems. In his research, Simons argued that formal control systems can be used not only for monitoring current performance but also as instruments of strategic change and organizational development. His "Levers of Control" framework includes belief systems, boundary systems, diagnostic control systems, and interactive control systems. This approach is particularly relevant to modern enterprises because it connects internal control with strategic decision-making, organizational learning, and adaptation to changes in the business environment.

Merchant and Van der Stede also made a significant contribution to the development of management control theory. Their approach emphasizes the importance of designing control mechanisms that influence employee behavior and ensure the achievement of organizational objectives. In this context, management control encompasses not only financial indicators but also organizational structures, personnel behavior, planning, performance measurement, and administrative procedures. Their work demonstrates that effective control should combine preventive and corrective mechanisms and should correspond to the specific characteristics of an enterprise.

The development of internal audit theory has also expanded its role within corporate governance. Sawyer and colleagues traditionally emphasized the independent and objective nature of internal audit and its contribution to improving organizational activities. Pickett further developed this perspective by linking internal audit with risk management, internal control, and corporate governance. Consequently, internal audit is increasingly viewed not merely as an instrument for identifying violations but as an advisory and assurance function that contributes to the improvement of management processes. This broader interpretation is consistent with contemporary approaches to internal audit effectiveness, where risk-based auditing and the quality of recommendations are considered important elements of organizational improvement.

Recent international research also confirms the growing relationship between management control systems, organizational capabilities, and enterprise performance. Contemporary studies based on Simons' framework emphasize that control systems facilitate the transmission and processing of information and can contribute to organizational capabilities and desirable performance outcomes. Therefore, the effectiveness of

internal control increasingly depends on its ability to provide timely information, identify risks, support managerial decision-making, and facilitate organizational adaptation.

In the context of Uzbekistan, the development of internal control and audit has also attracted increasing attention from researchers. U. Mexmonaliyev studied the organizational and economic foundations of improving internal control systems in enterprises. His research examines both domestic and foreign experience and emphasizes the need to introduce international approaches into the enterprise management system. The study highlights the importance of strengthening financial control, developing internal audit mechanisms, and using modern digital banking and information technologies to improve control procedures.

I. Farmonov and U. Mexmonaliyev investigated the organization and functioning of internal audit services in business entities. Their study emphasizes that an effectively organized internal audit service provides management with transparent and reliable economic information, contributes to the improvement of accounting systems, helps prevent violations, and supports the reliability of reports prepared by structural units. Thus, the authors associate internal audit not only with verification but also with the provision of useful information for managerial decision-making.

S. Fazilov examined the legal and institutional foundations of internal audit services in Uzbekistan and emphasized the importance of strengthening their legal status, organizational independence, and alignment with international standards. The study argues that further development of internal audit requires improvement of the regulatory framework and implementation of internationally recognized principles and standards into national practice.

J. G'oyibov focused on assessing the effectiveness of internal audit services. His research considers criteria and indicators for evaluating internal audit performance and emphasizes the relationship between audit quality, risk management, and corporate governance. This approach is important for enterprises because the existence of an internal audit department alone does not guarantee effective control; its effectiveness should be systematically evaluated according to measurable criteria.

Research by L. Haydarov on joint-stock companies also highlights the importance of assessing internal audit effectiveness through organizational functions, employee qualifications, performance criteria, international experience, and modern technologies. The study of the practices of major Uzbek joint-stock companies demonstrates the relevance of combining international approaches with the specific institutional and technological conditions of Uzbekistan.

A review of the existing literature shows that foreign scholars generally consider internal control and audit as interconnected elements of corporate governance, risk management, strategic management, and organizational performance. Domestic researchers, meanwhile, increasingly focus on adapting international standards to the institutional, legal, and organizational conditions of Uzbekistan. Nevertheless, there remains a need for a more integrated approach that combines the COSO-based components of internal control, risk-oriented internal audit, digital monitoring tools, management information systems, and measurable indicators for evaluating control effectiveness.

Therefore, the present study focuses on the directions for improving the internal control and audit system in an enterprise by integrating preventive and detective control procedures, strengthening risk assessment, improving the independence and effectiveness of internal audit, enhancing information and communication mechanisms, and introducing modern digital monitoring tools. Such an integrated approach can contribute to strengthening financial discipline, safeguarding enterprise assets, reducing operational and reporting risks, and improving the reliability of management information.

RESEARCH METHODOLOGY

The study employed a systematic approach, comparison, grouping, document analysis, risk assessment, logical generalization, and tabular analysis. Tables were used to compare internal control elements, problems, and audit procedures. Analytical commentary following each table supports the practical interpretation of the findings.

The Economic Essence of Internal Control and Its Importance in Enterprise Management

Internal control can be defined as a set of processes carried out by enterprise management and employees to ensure that business transactions are performed in accordance with established procedures. Its effective operation requires a clear allocation of control responsibilities at all levels of management.

An important feature of the internal control system is that controls should operate not only after a transaction has been completed but also throughout the transaction process. For example, in procurement transactions, assigning contract preparation, receipt of goods, payment approval, and accounting functions to different responsible persons, where possible, helps reduce control risk.

ANALYSIS AND RESULTS

Documentation is also particularly important within the control system. Complete and timely preparation of documents makes it possible to establish audit evidence and verify the legality and validity of transactions. Therefore, document flow should be regarded not merely as a technical component of internal control but also as an important instrument for ensuring its effectiveness (Table 1).

Table 1
Main Components of the Internal Control System²

No.	Internal Control Area	Main Task	Expected Result
1	Control environment	Defining authority, responsibility, and internal procedures	Responsible management environment
2	Risk assessment	Identifying financial and operational risks	Priority risks are identified
3	Control procedures	Approval, reconciliation, and verification	The risk of errors and abuse is reduced
4	Information exchange	Timely delivery of important information	Decision-making quality improves
5	Monitoring	Monitoring control results	Deficiencies are addressed promptly

The table demonstrates that all elements of internal control are interconnected. The control environment provides a foundation for responsibility and discipline. Risk assessment makes it possible to prioritize existing risks, while control procedures are aimed at reducing them in practice³. Information exchange and monitoring ensure that identified issues are communicated to management in a timely manner and addressed appropriately. Therefore, the effectiveness of internal control should be assessed not on the basis of a single element, but through the continuous functioning and interaction of all its elements⁴.

Risk Assessment and Internal Control

The presence of risks in an enterprise's activities is natural; therefore, the key task is to identify, assess, and reduce them to an acceptable level. Risks may be financial, operational, legal, informational, or of other types. The internal control system does not completely eliminate risks; rather, it is designed to reduce their adverse impact on enterprise activities.

From an audit perspective, risk assessment is essential for determining the direction and scope of the audit. In high-risk areas, the auditor seeks to obtain more extensive and reliable evidence. For example, cash transactions, significant receivables, revenue recognition, and inventory balances may represent high-risk areas (Table 2).

Table 2
Types of Risk, Internal Control Tools, and Audit Focus⁵

Risk Type	Example	Internal Control Tool	Audit Focus
Financial risk	Misuse of cash funds	Approval and segregation of duties	Reconciliation of bank documents and payments
Operational risk	Incorrect recording of goods	Inventory counts and warehouse controls	Checking inventory balances
Financial reporting risk	Incorrect recognition of revenue or expenses	Accounting policies and document controls	Checking documents and accounting records
Information risk	Loss or alteration of data	Access rights and data backups	Evaluating information system controls
Legal risk	Non-compliance with requirements and contracts	Legal review and approval	Reviewing contracts and supporting documents

The table demonstrates that control tools should vary depending on the type of risk. For cash-related risks, segregation of duties and payment approval are important, while inventory counts are a key control tool for inventory-related risks. For financial reporting risks, the relationship between accounting policies, source

² Compiled by the author based on the works of R.D. Dustmurotov and M.M. Tulakhodjayeva.

³ Tulakhodjayeva M.M. Auditing. – Tashkent: Economics and Finance, 2020. – pp. 74–82.

⁴ Law of the Republic of Uzbekistan “On Accounting”. – No. O’RQ-404, April 13, 2016.

⁵ Compiled by the author based on the scientific works of R.D. Dustmurotov, M.M. Tulaxodjayeva, and A.A. Karimov.

documents, and accounting records is particularly important. Therefore, an enterprise should select control mechanisms according to the nature and potential impact of each risk rather than applying a uniform control method.

Internal Control Problems and Their Impact on Audit

Even when an internal control system is well designed, incomplete implementation in practice may create areas requiring improvement. Common areas include the allocation of authority, documentation, regular performance of control procedures, inventory counts, and monitoring.

These areas also influence the scope of an audit. Where reliance on controls is limited, the auditor may perform additional substantive procedures. Consequently, the audit may require additional time and resources (Table 3).

Table 3

Internal Control Problems, Their Impact on Audit, and Improvement Measures⁶

No.	Problem	Impact on Audit	Improvement Measure
1	Unclear authority	Responsibility boundaries are unclear	Documenting authority
2	Weak transaction controls	Risk of errors and abuse increases	Two-stage approval
3	Incomplete documentation	Sufficiency of evidence decreases	Standardizing document flow
4	Inventory deficiencies	Existence of assets becomes uncertain	Strengthening inventory procedures
5	Weak monitoring	Deficiencies may recur	Regular internal audit and monitoring
6	Weak information system controls	Data integrity is at risk	Access rights and electronic controls

The problems presented in the table demonstrate the direct relationship between internal control and audit. Incomplete documentation can affect the quality of audit evidence, while deficiencies in inventory procedures may make it more difficult to assess the actual existence of assets. Where monitoring is insufficient, identified errors may recur in subsequent periods⁷. Therefore, improving internal control requires not only the introduction of appropriate rules but also regular monitoring of their implementation⁸.

The Role of Internal Audit in Enterprise Management

Internal audit enables an enterprise to assess the condition of its internal controls and provide management with recommendations for improvement. The role of the internal auditor extends beyond recording deficiencies. It also includes identifying their causes, assessing their financial or operational consequences, and proposing measures to prevent their recurrence.

The results of internal audit can serve as an important source of information for management decision-making. Therefore, internal audit conclusions should be clear, evidence-based, and accompanied by practical recommendations (Table 4).

Table 4

Key Control Objects and Audit Procedures in Internal Audit⁹

Control Object	Aspects Examined	Audit Procedure	Analytical Objective
Cash and cash equivalents	Balances, payments, approvals	Documentary examination, reconciliation	Assessing cash controls
Inventories	Existence, safeguarding, and write-offs	Inventory count, document examination	Confirming asset existence
Receivables/payables	Amounts and maturities	External confirmation, analytical procedure	Assessing validity of balances
Revenue and expenses	Validity and period attribution	Documentary examination, recalculation	Assessing financial results
Payroll	Calculations and deductions	Recalculation, document examination	Identifying calculation errors

⁶ Compiled by the author based on the scientific works of R.D. Dustmurotov, M.M. Tulakhodjayeva, and A.A. Karimov.

⁷ Tulakhodjayeva M.M. Auditing. – Tashkent: Economics and Finance, 2020. – pp. 105–113.

⁸ Tulakhodjayeva M.M. Auditing. – Tashkent: Economics and Finance, 2020. – pp. 105–113.

⁹ Compiled by the author based on the scientific works of R.D. Dustmurotov and M.M. Tulakhodjayeva.

Because each control object has specific characteristics, audit procedures should be selected accordingly. Procedures such as comparing and confirming cash documents, conducting inventory counts, obtaining external confirmations for receivables and payables, and recalculating income and expenses generate different forms of audit evidence. This approach strengthens the evidence-based nature of the audit.

The Importance of Documentation and Audit Evidence

Documentation plays an important role in the internal control and audit system. Every significant business transaction should be supported by documents indicating its nature, amount, approval by an authorized person, and recognition in the accounting records. Proper documentation not only supports the validity of transactions but also creates an audit trail for subsequent control and audit procedures¹⁰.

Audit evidence may be obtained from various sources. Source documents, bank information, contracts, inventory records, accounting registers, and third-party confirmations are important sources of information for the auditor. The sufficiency and reliability of audit evidence contribute to the reasonableness and supportability of audit conclusions (Table 5).

Table 5
Sources of Audit Evidence and Their Role in Internal Control¹¹

Evidence Source	Example	Factors Increasing Reliability	Role in Control
Source document	Invoice, act/certificate	Authorized approval and required particulars	Supporting the transaction
Bank information	Bank statement	Obtained from an external source	Confirming cash movements
Inventory document	Act, inventory sheet	Committee and counting results	Controlling asset existence
Accounting register	General ledger, trial balance	Consistency with source documents	Checking accounting entries
Third-party confirmation	Balance confirmation letter	Independent source	Assessing validity of balances

The table demonstrates that the independence of the evidence source and the quality of its documentation are important factors in assessing reliability. Information obtained from external sources may, in some cases, provide a higher degree of reliability than internal documents¹². However, the auditor should evaluate evidence collectively rather than in isolation. Consistency among source documents, accounting records, and bank information supports the integrity of the control system¹³.

A Step-by-Step Model for Improving Internal Control

Improving the control system should be organized as a continuous process. First, the strengths and areas requiring improvement in the existing system are identified. Then, risks are assessed and control procedures are strengthened in the most important areas. Finally, monitoring and reassessment are conducted to determine the effectiveness of the system (Table 6).

Table 6
Step-by-Step Model for Improving Internal Control¹⁴

Stage	Main Activities	Responsible Party	Expected Result
1. Diagnosis	Reviewing existing control procedures	Internal audit / management	Areas requiring improvement are identified
2. Risk assessment	Ranking risks	Internal audit / departments	Priority risks are identified
3. Strengthening controls	Improving authority, approval, and documentation	Management / departments	Control effectiveness improves
4. Monitoring	Monitoring control results	Internal audit	Areas requiring improvement are identified
5. Correction and reassessment	Verifying implementation of recommendations	Management / internal audit	Recurring deficiencies decrease

¹⁰ Law of the Republic of Uzbekistan "On Auditing Activity". – No. O'RQ-677, 2021.

¹¹ Pardayev A.X. Auditing. – Tashkent: Science and Technology, 2021. – pp. 134–141.

¹² Ibragimov A.T. Audit of Financial Statements. – Tashkent: Economics and Finance, 2022. – pp. 87–95.

¹³ G'aniyev B.S. Corporate Governance and Internal Control. – Tashkent: Economics, 2023. – pp. 102–109.

¹⁴ Iskandarov B.I. Internal Audit and Corporate Governance. – Tashkent: Economics and Finance, 2022. – pp. 78–86.

The advantage of this model is that the control system is not limited to a one-time inspection. Diagnosis and risk assessment help identify important areas, while strengthening controls contributes to their prevention¹⁵. Monitoring results demonstrate how effectively the system operates in practice. At the final stage, the implementation of recommendations is reassessed, ensuring the continuous improvement of internal control¹⁶.

Opportunities for Using Digital Technologies

Digitalization can increase the speed and consistency of internal control and audit processes. Electronic document management, automated approval, user access management, electronic logs, and automated alerts help standardize control procedures.

At the same time, digital controls introduce new areas of risk. Unauthorized access to information systems, alteration or loss of data, and excessive user privileges require specific control measures. Therefore, digitalization does not eliminate the need for internal control; rather, it requires the introduction of new forms of control (Table 7).

Table 7

Opportunities and Risks of Digital Technologies in Internal Control ¹⁷

Digital Tool	Control Capability	Main Benefit	Potential Risk
Electronic document management	Tracking document flow	Transparency increases	Unauthorized alteration
Automated approval	Checking transactions based on authority	Human error is reduced	Incorrect configuration
Electronic log	Maintaining an activity history	An audit trail is created	Data deletion
Access rights management	Restricting user privileges	Confidentiality increases	Excessive privileges
Analytical monitoring	Identifying unusual transactions	Rapid risk detection	False positives

Digital tools accelerate control processes and automate many procedures. However, automated systems themselves should also be subject to control. For example, an incorrect configuration in an electronic approval system may result in transactions being processed incorrectly¹⁸. Therefore, when implementing digital control tools, technical security, access rights, and system configurations should be reviewed periodically¹⁹.

The results of the study demonstrate that the effectiveness of internal control and audit is closely interrelated. In an enterprise with effective internal controls, transaction documentation is expected to be properly maintained, authority clearly allocated, and risks regularly assessed. Under such conditions, the auditor can rely on certain elements of the control system and determine priority audit areas more precisely.

Control deficiencies, in turn, increase the need for substantive audit procedures. Incomplete documentation, unreliable inventory results, or unclear authority can make obtaining sufficient audit evidence more challenging. Consequently, the audit process may require additional time and resources.

Based on the analysis, three priority areas for improving internal control in an enterprise can be identified: first, establishing risk-based controls; second, strengthening documentation and monitoring; and third, ensuring information security alongside the use of digital control tools.

In addition, internal audit recommendations should be supported by specific implementation measures. Responsible persons, deadlines, and expected results should be defined, followed by subsequent monitoring of their implementation.

CONCLUSION AND RECOMMENDATIONS

Effective organization of the internal control and audit system in an enterprise is important for strengthening financial discipline, safeguarding assets, reducing errors, and generating reliable management information. The study examined the main elements of internal control, including the control environment, risk assessment, control procedures, information exchange, and monitoring. Based on the analysis, it is recommended to clearly document authority and responsibilities within the enterprise, periodically reassess risks, introduce a two-stage approval mechanism for significant transactions, strengthen the quality of inventory procedures and document

15 Law of the Republic of Uzbekistan "On Accounting". – No. O'RQ-404, 2016.

16 Law of the Republic of Uzbekistan "On Auditing Activity". – No. O'RQ-677, 2021.

17 Dustmurotov R.D. Auditing. – Tashkent: Economics and Finance, 2019. – pp. 145–152.

18 Law of the Republic of Uzbekistan "On Informatization". – No. O'RQ-560-II, 2003 (with subsequent amendments and additions).

19 Law of the Republic of Uzbekistan "On Auditing Activity". – No. O'RQ-677, 2021.

flow, separately monitor the implementation of internal audit recommendations, expand the use of electronic control tools, and regularly review access rights within information systems. Overall, developing internal control and audit as complementary components of a unified management system contributes to increasing the transparency and stability of enterprise activities. The system can achieve the expected results when its effectiveness is assessed regularly and specific corrective measures are implemented in response to identified areas requiring improvement.

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