

Internal Control Procedures And Firm's Performance

Eniola Anthony Abiodun

Abstract: The overall objective of this research was to analyze internal control procedures and the performance of the company in Nigeria's south-west region. The study framework was developed on the basis of an in-depth review of the literature and in accordance with stakeholder theory. The analysis followed a qualitative approach to descriptive research design. Multiple regression models were used to check whether there is any impact on financial performance from internal audit control, control practices, risk management control, control environment and monitoring activities. The survey results indicated the positive relationship between internal audit control, risk management and monitoring practices and organizational success. Control practices and control environment, however, have a significant negative impact on firm performance. The survey recommended regular monitoring and management of internal auditors. In addition, internal auditors must examine and evaluate the framework of internal control and the efficiency with which the various departments conduct their assigned duties. Management should also carefully assess the level of risk to be expected and seek to manage the risk at certain points.

Keywords: internal audit, risk management control, control activities, monitoring activities

1 INTRODUCTION

Internal controls are set up to ensure that all assets are safeguarded, to avoid misuse or misappropriation of the company's assets and to uncover and secure against likely frauds. Munene (2013) suggested that some of the problems encountered in relation to internal controls include: liquidity challenges, no adequate financial statements, lack of accountability of financial resources, corruption and abuse of administrative capital and the outcomes anticipated have not been obtained through a series of decisions made. World Bank statistics (2014) shows a drop in demand in all economic sectors, including tourism. Poor financial performance of quoted companies adversely impacts the Nigerian economy's economic growth. The majority of companies listed have operational Internal Audit divisions with accountability for ensuring leadership of the adequacy of internal control processes and the quality of services (Omolaye & Jacob 2017). Nevertheless, poor financial quality persists where plans are not accepted, fiscal rules and regulations are not enforced and large funds struggle to be accounted for (Omolaye & Jacob 2017). This has led to financial inadequacy, employee dissatisfaction and poor financial performance in companies (Mikes & Kaplan, 2014). Following corporate scandals and the global financial crisis, an internal auditing department should always help to ensure that internal policies and procedures are complied with. Most companies have made the above efforts to achieve positive results. Despite all these efforts, companies are still struggling with liquidity problems, untimely financial reporting, inefficient financial accountability, fraud and mismanagement of the company's resources and several decisions made that do not yield the anticipated results.

Thornton (2004) states that stakeholder perceptions for internal audit activities have dramatically changed in recent years. The emphasis has now moved from a role of regulation and financial control to promoting the constructive detection, evaluation and monitoring of threats. Prior studies centered on the importance of internal control mechanisms to small and medium-sized enterprises financial performance (Nyakundi, Nyamita & Tinaga, 2014). Mawanda (2008) studied the impact of internal control mechanisms in an institution of higher education on financial performance. Khamis (2013) studied the role of the financial institution's internal control mechanisms. Many internal control research concentrate on the features of organizations that reveal fundamental vulnerabilities in internal control. Al-Matari, Al-Swidi, Faudziah and Al-Matari (2012) noted there was a noticeable lack of research into the direct integration of internal control systems and firm performance in both developed and developing countries. In the Nigerian economy, studies related to internal control and financial performance in Ejoh and Ejom (14) and Small Business Monday, Ineh and Ojo (2014) tertiary institutions have been carried out which do not explicitly show the impact of the quoted firms on the bond on the financial performance of businesses. The concern is how internal controls influence Nigeria's efficiency. This paper thus sheds light on the broader range of companies listed on the Nigerian stock exchange and aims to resolve existing research limitations in assessing the financial performance impact of the internal control structures of companies quoted on the NSE. The research would add to the existing knowledge regarding internal control mechanisms and organizational efficiency. This thesis would help scholars and aspiring scientists who will carry out other research on this subject. This is because it enhances your internal control awareness which offers the details that you need to integrate into your job. The research will also allow them to come up with better ideas regarding internal control systems and their effect on Nigerian corporate results. In fact, the research would help instill rational and inductive thought and enable all workers within the organisation to establish reasonable processes and thoughts. The research findings should concern the leadership of organizations as they suggest issues neglected in the processes of internal

- Corresponding Author: Eniola Anthony Abiodun, Business Studies Department, Landmark University, Nigeria
eniola.anthony@lmu.edu.ng; tony42003@yahoo.co.uk

control or ways to improve the performance of the internal control process. While government and policymakers will also gain insight into the critical role of internal controls in Nigeria's corporate performance. In particular, policy makers will be told about the sort of internal audits to be implemented in government undertakings. Many organizations would profit from an appreciation of corporate management procedures and the important role of internal control structures in improving corporate governance, particularly in encouraging corporate accountability and transparency in the effects of corporate success.

2 STAKEHOLDER THEORY

A redefinition of the corporation is a general idea of the Stakeholder principle. The theory was basically about what the organisation should be and how it should be conceptualised. Friedman (2006) argues that the association itself should be regarded as a shareholders community, and its goal should be to address its priorities, needs and viewpoints. This management of stakeholders is thought to be carried out by the managers of a company. Managers should manage the company for its stakeholders, on the one hand, to ensure their rights and participation in decision-making. The active management of the environment, relationships and the promotion of shared interests to develop business strategies is of great concern to stakeholders (Friedman & Miles, 2001). A wide range of issues, such as labor conditions, environmental issues or social responsibility, might be included in stakeholder interests, and may be in conflict with the interests of a company (Friedman & Miles, 2006). This is expressed in Frooman's 11 (1999) assertion that stakeholder management could be viewed as conflict management resulting from divergent interests. Waddock (2001) argues in a related discussion on corporate responsibility and citizenship that becoming a good corporate citizen means defining, and achieving, accountable operational practices fully integrated into corporate strategies, planning, management and decision-making. It is a philosophy in corporate and business ethics which encompasses principles and ideals of institutional leadership. According to the traditional view of the business, the investors become owners of the company and the corporation has a contractual fiduciary duty to put their interests first and to increase value to them. Stakeholder theory claims that other entities, including workers, consumers, vendors, societies, governmental bodies, political groups, trade associations or trade unions, are concerned. Only rivals are sometimes listed as interested parties-their position is dependent on their ability to influence the business and its shareholders. The research was based on the theory of investors. Stakeholders involved lenders, executives, workers, consumers, vendors, neighborhoods, governmental institutions, political groups, trade unions and syndicates (Eniola & Akinselure, 2016). Jensen (2001) suggests that the stakeholder hypothesis solves the problems created by several targets as this concept is essential to our research and offers an understanding of how the company works. It states that it must create value for customers, suppliers, employees, communities and financiers, shareholders, banks and others with the money if any company is successful. The Stakeholder Theory states that each and every stakeholder in a company or

organization is equal and treated in the same way, its priorities need to be coordinated and the role of a director or businessman is to decide whether consumers, vendors, societies, staff and financiers are involved in that path. Each of these groups is important for the success of a company, and it is important for managers and entrepreneurs to figure out where their interests go in the same direction. One of the latest implementations of Stakeholders Theory is the risk management of organizations which attempts to understand the mutual effects of different threats systematically in the interest of the parties concerned (Beasley, Chen, Nunez & Wright, 2006). A stakeholder approach can help managers, analyzing how the company fits into their larger environment, how its standard operating procedures affect stakeholders in the company (employees, management, shareholders) and immediately beyond the company (customers, suppliers, financiers) from an analytical standpoint. Freeman, for example, suggests that each company should complete a 'generic stakeholder map' with specific stakeholders. More specific stakeholders would be included in general categories such as owners, financial, community, activist groups, suppliers, government, political groups, customers, unions, employees, trade associations and competitors. In addition, the logical director would not make major decisions for the company before taking into consideration the effects on each of the shareholders. As the company evolves over time and decision-making concerns evolve, the individual stakeholder map will be changed. If the executive just wants to optimize stockholder capital, it is easy to ignore other company interests (stakeholders). The Stakeholder Theory in a normative sense strongly suggests that overlooking those other stakeholders is (a) unwise or untrue and/or (b) ethically unjustified. The Stakeholder Theory thus engages in a wider corporate and ethical debate: is an ethical organization longer to gain than a corporation that only looks at the 'bottom line' in any given quarter or year? Those who argue that corporate managers were unwise and imprudent by dismissing numerous non-stockholder groups will reply "yes." Others would say that avoiding these other constituents is not ethically justified, regardless of the corporation's short-term and long-term performance. Premised on the empirical frameworks to the influence of the internal control process on firm performance this analysis suggested the following graphical interpretation, which is supposed to clarify a significant amount of the variation in firm performance. Internal control mechanisms, like internal auditing, are mainly intended to improve the quality of organizational results, whether directly or indirectly, by making information sources in an organization increasingly accountable (Jensen, 2003). Internal monitoring therefore has the much broader aim of providing an independent assessment of the quality of the management performance when carrying out assigned revenue responsibilities in order to achieve an organizational level of control problems associated with lower revenue, which explores the link between disclosure of material weakness and fraud, revenue management or restatement internal controls (Beeler, Hunton & Wier, 1999). Fadzil, Haron, and Jantan (2005) reported that an active internal control process correlates unambiguously with corporate progress in achieving the target level of

sales. Good internal control of company quality includes a frequent examination of the accuracy and credibility of financial and administrative records, a review of the measures used to protect property, an evaluation of employee adherence with management practices, protocols and related laws and regulations, and an assessment of the efficiency and efficacy of leadership. Many companies no longer develop an internal control structure as a regulatory requirement, but also as it helps to ensure that all administrative operations are carried out properly (Kenyon & Tilton, 2006). Therefore, companies find it a responsibility to prepare, inform and sensitize their workers on how to use such internal control mechanisms as their success relies on the expertise and efficiency of the individuals who use them. All of these control actions ensure that any risks that may affect the ability of the company to achieve its objectives are adequately avoided and should occur at all levels and in all organizational functions (Doyle et al, 2005). There are three major internal management classifications: prevention, investigator, and punitive. Preventive systems foresee potential problems, make adjustments, or avoid a mistake, absence, or malicious act from happening until they happen. Detective controls are used to detect and report an omission, error, or malicious act that occurs. Ultimately, the correction controls aim to minimize the impact of a hazard, identify the cause of an incident and recognize the appropriate errors resulting from the issue. Corrective checks correct detective control problems and modify the processing system to minimize the problem's future occurrence (Singleton, Bologna, Lindquist, & Singleton, 2006).

3 INTERNAL AUDIT

Internal auditing is a distinct, objective, value-adding and advisory practice designed to improve the operations of an organization. It assists an organization in achieving its goals by offering a structured, competency-based approach to assess and improve the efficiency of managing risk, control and management processes (Internal Auditor Institute). Gupta (2001) argues that internal audit is an independent evaluation function set up within an organization to review and evaluate its activities as a service to the organization. Internal audit serves to support company leaders in the successful execution of their obligations. It is also an independent assessment feature developed within an organization to assess and evaluate the efficacy, productivity and economy of the control system for management (Subramaniam, 2006). The goal is to convince management that its internal control mechanisms are adequate to the organization's needs and function satisfactorily (Reid & Ashelby, 2002). It is a part of an enterprise management's internal control process set-up to audit, analyze and monitor accounting and other control operations. For practice, the performance and efficiency of internal audit procedures is important because internal auditors perform a wide range of tasks, not all of which apply to accounting areas of interest to the external auditor. Emasu (2007) states that the efficacy of the internal audit role depends in part on: the legal and regulatory structure, the location of the function and its autonomy, the presence of audit committees, resources allocated to the internal audit staff's task and professionalism. Nevertheless, it is a bitter reality that divisions of internal audit are seldom

properly facilitated. Gerrit and Mohammad (2010) found evidence in support of the monitoring position of the internal audit system with respect to the size and facilitation of the internal audit function. We find specific evidence that management ownership is positively linked to the relative size of the Internal Audit Unit, which is inconsistent with conventional company theory claims suggesting a negative relationship, but more in line with recent earnings management studies. This finding suggests that increased ownership of management may influence the board of directors to support larger internal audit functions to enable them to monitor the performance of managers closely. Internal audit procedures' efficacy is an indicator of the program's ability to produce a desired effect or result that can be calculated qualitatively (Harvey, Leinicke, Rexroad & Ostrosky, 2004). Rezaee and Zabihollah (2002) contend that efficient internal audit procedures should be in place to ensure the reliability of financial statements, operational reports, corporate asset protection and effective organizational controls. A study by Eniola and Akinselure (2016) examines the impact of internal control on Nigerian firms' financial performance. The research result shows that internal control has a significant relationship with organizational fraud. Based on this outcome, the study suggests that management implement more effective strategies to ensure effective and efficient internal control to significantly reduce the perpetration of fraud in the company. Mwakimasinde, Odhiambo and John (2014) are also studying the impact of internal control systems on the financial performance of outgrower sugarcane companies in Kenya. A descriptive survey correlation model was adopted by the study. Using questionnaires, primary data was collected from main informants from all the nine out of Kenya's growers. The approach of the main informant was used; thus all Finance Managers and Internal Audit Heads were selected to participate in the study for each out grower company. The study found a significant positive effect on financial performance of the internal control process. Ibrahim, Diibuzie and Abubakari (2017) are also investigating the effect of the internal control process on financial performance among five health institutions in Ghana's Upper West Region. In choosing a sample of fifty (50) respondents, a purposeful sampling strategy was used. Using the ordered logistic regression method, the data are analyzed. The outcome of the study found a positive correlation between controls of internal audit and financial performance. Internal audit is thus embraced as a factor affecting the company's performance.

H0: Internal audit has no significant influence on firm's performance in Nigeria

4 CONTROL ACTIVITIES

Whittington and Pany (2001) say that tracking practices are just another aspect of internal controls. These researchers recognize that control operations are codes of conduct that assist with the execution of management directives. Organizational management tasks include: performance reviews (compare actual performance with plans, prediction and output for the previous period), storage data (needed to check reliability, completeness and payment authorization), physical control (relevant protection to both the documents and the other assets), and separation of duties (where no

one is involved). Manasseh (2004) has found that management practices lower the risk of theft and mistake and market exploitation, thus improving the efficiency and performance of the company's operations. Although Barra (2010) claimed that the existence of monitoring operations, the separation of tasks, increases the cost of fraud. The benefits of fraud must therefore outweigh the costs of an employee committing fraud in an environment of segregated duties. However, it was observed that the separation of tasks is the least cost deterrence for non-managers, but for managers, the maximum penalties are the "lowest cost" disincentives for cheating. He states that the efficacy of proactive checks and monitoring such as role division relies on investigator measures. The correlation between internal control operations and financial performance in Tertiary Institutions in Nigeria is being analyzed by Ejoh and Ejom (2014). The results of the study indicate that there is no important link between internal control practices and financial performance. The study also recommends that management of the institution organize regular control mechanism training for staff. A management operation is therefore implemented as a variable not to impact the output of the company.

H0₂: Control activities have no significant effect on firm's performance in Nigeria

5 RISK MANAGEMENT CONTROL

In 2004, COSO introduced Enterprise Risk Management (ERM) to tackle the risks associated with an organization. The frame incorporates all elements of internal control frame work, but nonetheless provides elements of objectives structure, incident detection and threat response (Rittenberg & Schwieger, 2005). COSO (2011) highlights the significance of the entity's target environment and compares it as a precondition for risk evaluation. It should be noted, though, that the internal control system for the organization should be defined in order to have reasonable assurance as the critical components for achieving identified aim, threat recognition and evaluation. It is important to assess the efficacy of internal control operations against the objectives and associated threats of the organization. Internal control should provide for an evaluation of both internal and external indicators of the threats posed by the company. They should be analyzed for their possible effect once risks have been identified. Management must then formulate a risk management approach and decide on the internal control activities necessary to mitigate those risks and achieve the internal control goals of efficient and effective operations, reliable financial reporting, and compliance with laws and regulations. The goal of financial reporting and entity performance, producing accurate, complete, relevant, timely and reliable financial information to demonstrate and maintain accountability, complying with statutory reporting requirements, accounting for the financial performance of an organization's stakeholders. In their research, Cebenoyan and Strahan (2004) observed that businesses that have progressed in risk management have lower availability of credit. The improved availability of credit contributes to the opportunity to increase the benefit of the productive assets and the business. Schroeck (2002) and Nocco and Stulz (2006) emphasize the importance of good

practices in risk management to maximize the value of businesses. In particular, Nocco and Stulz (2006) suggest that effective corporate risk management (ERM) provides the company (or banks) with a long-term competitive advantage over those that individually manage and monitor risks. Schroeck (2002) proposes to increase earnings by ensuring good practices through prudent risk management. A financial organization's sustainability and performance depends significantly on how well such threats are handled (Khan & Ahmed, 2001). Therefore, financial institutions ' conservative risk management is the foundation of preventing financial distress that could contribute to a full-blown financial crisis. A Kamau (2014) study investigates the effect of internal controls on manufacturing firms ' financial performance in Kenya. The empirical findings of the regression analysis indicate that there is a positive relationship between manufacturing firms ' internal control and financial performance in Kenya. Most specifically, good risk control is highly relevant to keeping the investors better off (Akkizidis & Khandelwal, 2008; Al-Tamimi & Al-Mazrooei, 2007).

H0₃: Risk management control has no significant influence on firm's performance in Nigeria

6 CONTROL ENVIRONMENT

Management system as a set of policies and practices to be implemented while carrying out internal controls within an organization (Kgabo, 2013). COSO (2013) claimed that the effective control environment provides a mental attitude within which the institution's internal control process will function at all levels. Numerous reports also tried to highlight the impact on financial performance of the management system. Among the lists are among others the studies carried out by Kinyua, Gakure, Gekara and Orwa (2015), Muraleetharan (2013), Mawanda (2008), and Ali (2013). Kinyua, Gakure, Gekara and Orwa (2015) investigate the impact on financial performance in Kenya of the internal control system. Internal control mechanisms are shown to have a significant financial quality partnership. Based on the research findings, it can be concluded that a positive predictor of financial performance is the internal control system. Muraleetharan (2013) investigates whether an internal control process results in an improvement in an organization's firm output and identifies a statistically insignificant correlation between the management structure and firm performance. Although, Mawanda (2008) has identified a positive relationship between the management system and the financial performance of higher learning institutions in Uganda, as shown by his case study at the University of Uganda Martyrs. Ali (2013) found a significant positive relationship between the management process and financial institutions ' success in his research on the importance of the internal control framework to financial institutions ' financial performance. Malekmahmoudi, Saeidi and Shokoohi (2015) examine the partnership between the Iranian telecommunications company's internal control system and financial performance. The study findings revealed that the internal control process and financial performance of the Golestan Province Telecommunications Company in Iran had a strong and positive relationship. Although Muraleetharan's research (2013) attempts to decide whether the internal control

process can lead to an increase in an organization's financial performance. The study finds that in assessing efficiency, internal control and financial performance are statistically significant. In the financial performance of non-governmental organizations in Uganda, Etengu and Amony (2016) examine the role of the internal control process in the governance climate. The study findings revealed a significant relationship between financial performance and control environment. The report proposed improving the management system to further improve the efficiency of the company. A control environment is thus adopted as a factor influencing the company's performance.

H0₄: Control environment has no significant effect on firm performance in Nigeria

7 MONITORING ACTIVITIES

Monitoring describes the process of measuring the consistency of the system for internal control over time. To order to ensure reasonable assurance about the accomplishment of the company goals, Coffin (2003) indicated that a review mechanism should be conducted to assess and analyze internal control systems to ensure that processes are enforced continuously over an extended period of time. He also claims the internal audit is part of the internal control system oversight. Managers will analyze audit results and other reports immediately, including those identifying shortcomings or suggestions identified by auditors and others reviewing the activities of departments, in order to identify necessary actions in response to audit and evaluation findings and recommendations. Jones (2008) describes monitoring as the process of evaluating the output value of a system over time. Staff should evaluate the various internal control systems on an ongoing basis and update / modify / enhance where necessary. Some vulnerabilities found will be addressed immediately and applied to the internal control mechanisms as a whole. Internal monitoring should include policies and procedures to ensure prompt resolution of audit findings and other reviews. Coffin (2003) also claimed that monitoring involves the activities and procedures designed to evaluate the effectiveness of the internal control system in achieving the financial reporting goals of the entity. Monitoring efforts can be ongoing or independent assessments, and it is important given the complex and dynamic situations that most companies are experiencing (Henle 2005). This helps to ensure the quality of programs as expected. Nonetheless, this is done by continuous surveillance operations, annual reviews or a mixture of the two (COSO, 2004). Monitoring has therefore helped to evaluate the quality of the organization's performance over time. Through reporting, the company is ensured of timely confirmation of examination results and other assessments (Amudo and Inanga, 2009). Amudo and Inanga (2009) reported that organizational supervision guarantees the efficient running of the network of internal controls. It is through supervision that a company decides whether or not workers are successfully following the policies and procedures designed and implemented by management.

H0₅: Monitoring activities have no significant influence on firm performance in Nigeria

8 CONCLUSION

An internal control system is an important mechanism for proper and responsible management in all types of companies. It can lend itself to manual executive supervision for small firms alone, but the more sophisticated the companies and the more personnel and procedures it has, the more features the system needs to provide that can allow the management to insure the internal controls are in place and operate as expected. The effect of such flexibility would increase the likelihood that processes and procedures will perform as expected and the hazard will be retained at tolerable levels. Accountability and regulatory compliance accompany this state of affairs, as do the company's improved productivity opportunities and a safer work environment. After examining relevant related literature and various analyzes, it concludes that internal control as a model has an influence on firm performance through internal audit, control activities and control of risk management. On the other hand, on quoted firms in Nigeria, control environment and monitoring activities have a significant negative impact on firm performance.

9 REFERENCE

- [1] Adams, M. B. (1994). Agency theory and the internal audit. *Managerial Auditing Journal*, 9(8), 8-12.
- [2] Adedeji, D. B. (2012). Evaluation of corporate governance influence on internal control system: A case study of selected banks in South Western, Nigeria. *Management Journal*, 2(5), 188-192.
- [3] Andersen (2008). The Performance Relationship of Effective Risk Management: Exploring the Firm Specific Investment Rationale" Long Range Planning, 41(2), 155-176
- [4] Aguolu, O. (2005). Internal auditing in Nigeria: problems and prospects. Enugu: meridian associates.
- [5] Akkizidis, I. and Khandelwal, S.K. (2008) Financial risk management for Islamic banking and finance (1st edition), New York: Palgrave Macmillan.
- [6] Ali, K. H. (2013). Contribution of internal control system to the financial performance of financial institution A case of people's bank of Zanzibar Ltd. Unpublished Doctoral dissertation, Mzumbe University University, Morogoro, Tanzania.
- [7] Al-Matari, E. M., Al-Swidi, A.K. & Fadzil, F.H.B.(2014). The effect of the internal audit and firm performance: A proposed research framework. *Review of Management and Marketing*, 4(1), 34-41.
- [8] Al-Twajry, A. A. M., Brierley, J. A. & Gwilliam, D. R. (2003). The development of internal audit in Saudi Arabia: An Institutional Theory perspective. *Critical Perspective on Accounting*, 14, 507-531.
- [9] Amudo, A. & Inanga, E. L. (2009). Evaluation of internal control systems: A case study from Uganda. *International Research Journal of Finance and Economics*, 3, 124 –144.
- [10] Argyris, C. (1973). Some limits of rational man organisational theory in hand: balanced scorecards and enterprise risk management (publisher).
- [11] Beasley, M.S., Clune, R. & Hermanson, D.R. (2006). Enterprise risk management: an empirical

- analysis of factors associated with the extent of implementation. *Journal of Accounting and Public Policy*, 24, 521-531.
- [12] Beeler, J.D., J.E. Hunton, & B. Wier. (1999). Promotion Performance of Internal Auditors: A Survival Analysis. *Internal Journal Auditing*. 14(4) 3-14.
- [13] Blattberg, C. (2004). *Welfare: towards the patriotic corporation from pluralist to patriotic politics: putting practice first*. New York: Oxford University Press.
- [14] Bontis, N. (2001). Assess knowledge assets: A review of the models used to measure intellectual capital. *International Journal of Management Review*, 3 (1), 41-60.
- [15] Cadbury Report (1992). Risk management should be systematic and also embedded in company procedures.
- [16] Cameron, K. (1986a). A study of organisational effectiveness and its predictors. *Management Science journal*, 32(1), 87-112
- [17] Cahill, E. (2006). Audit committee and internal audit effectiveness in a multinational bank: a case study. *Journal of Banking Regulation* 7(2), 160-179.
- [18] Chandra P. (2002) *Investment Analysis and portfolio management*, Tata McGraw Company
- [19] Chenhall R. H. (2003). Management control systems design within its organisational context: Findings from contingency-based research and directions for the future. *Accountancy Organisation Society*, 28(2&3), 127-168.
- [20] Coffin, B (2003). Trends in Corporate Fraud, *Risk Management*, 50(5), 9-21
- [21] Cohen, J., Krishnamoorthy, G & Wright, A. (2000). Corporate governance and the audit process. Midyear auditing conference.
- [22] Committee of Sponsoring Organisations (COSO) (1992). *Internal control-integrated framework*.
- [23] Committee of Sponsoring Organisations of the Treadway Commission (COSO). (1994), *Internal control-integrated framework*. Two-Volume edition, 4-50.
- [24] Cooper, D. R., & Schindler, P.S. (2011). *Business Research Methods*. New York: McGraw Hill.
- [25] Corama, P., Ferguson, C & Moroney, R. (2006). The value of internal audit in fraud detection. *Journal of Accounting and Finance*, 48(4), 543-59.
- [26] COSO (2012). *Principles-based, and more guidance*, American Institute of Certified Public Accountants, Inc. New York, NY.
- [27] COSO. (2011). *Internal Control-Integrated Framework*. Committee of Sponsoring Organisations of the Treadway Commission.
- [28] Crawford, R. L., & Weirich, T. R. (2011). Fraud guidance for corporate counsel reviewing financial statements and reports. *Journal of financial crime*, 18 (4), 347-360.
- [29] Cunningham, L. A. (2004). The appeal and limits of internal controls to fight fraud, terrorism, Other Ills
- [30] Davies, P. (2001). The governance of co-operatives under competitive conditions: issues, processes and culture. *Journal of Corporate Governance*, 1, 28-29.
- [31] Davis, J. H., Schoorman, F.D., & Donaldson, L. (1997). Toward a stewardship. *Theory of Management Review*, 22(1), 20-47.
- [32] Denga, D. & Ali, A. (1983). *An introduction to research method and statistics in education and social sciences* Jos: Savannah publisher Ltd.
- [33] DiNapoli, (2007). Control environment philosophy, style and supportive attitude, as well as the competence, ethical values, integrity and morale of the people of the organisation.
- [34] Dinapoli, T. P. (2007). Standards for internal control. access through the internet: http://www.osc.state.ny.us/agencies/ictf/docs/intcontrol_stds.pdf.
- [35] Donaldson, L., & Davis, J. (1991). Stewardship theory or agency theory: CEO governance and shareholder returns. *Australian Journal of Management*, 6(3), 40-43.
- [36] Donaldson, T., & Preston, L. E. (1995). The stakeholder theory of the corporation: Concepts, evidence, and implications. *Academy of management Review*, 20(1), 65-91.
- [37] Doyle, J., Ge, W., & S. McVay, S. (2007), Determinants of weaknesses in internal control over financial reporting. Working paper, Utah State University of Washington, and New York University.
- [38] Ejom, N., & Ejom, P. (2014). The impact of internal control activities on financial performance of tertiary institutions in Nigeria. *Journal of Economics and Sustainable Development*, 5(16), 133-143.
- [39] Emasu, S. (2007). Public financial management – Concepts and practices, *ACCA International Public Sector Bulletin*, 7, 6-10.
- [40] Eniola, O. J., & Akinselure, O.P. (2016). Effect of internal control on financial performance of firms in Nigeria: a study of selected manufacturing firms. *Journal of Business and Management*, 18(10), 80-85.
- [41] Eniola A.A., & Entebang H. (2015). Government Policy and Performance of Small and Medium Business Management. *International Journal Academy Resources, Business Social Sciences* 5(2), 237-248.
- [42] Etengu, R.O., & Amony, M. (2016). Internal control system and financial performance in non-governmental organisations in Uganda: A case study of international union for conservation of nature. *International Journal of Contemporary Applied Sciences*, 3(2), 329-347.
- [43] Fadzil, F. H., Haron, H., & Jantan, M. (2005). Internal auditing practices and internal control system. *Managerial Auditing Journal*, 20(8), 844-866.
- [44] Fama, E. F. (1980). Agency problems and the theory of the firm. *The Journal of Political Economy*, 88(2), 288-307.
- [45] Fama, E.F., & Jensen, M.C. (1980). Separation of owners and control. *Journal of Law and Economics*, 26(2), 301-325.

- [46] Field, A. (2009). *Research methods II: factor analysis on SPSS*. Upper Saddle River, NJ: Pearson Education.
- [47] Fire, S., & Williams, S. (2003). Intellectual capital and traditional measures of corporate performance. *Journal of Intellectual Capital*, 4 (3), 348-360.
- [48] Fornell, C., Johnson, M. D., Anderson, E. W., Cha, J., & Bryant, B. E. (1996). The American customer satisfaction index: nature, purpose and findings. *Journal of Marketing*, 60(4), 7-18.
- [49] Friedman, A. L., & Miles, S. (2006). *Stakeholders: theory and practice*. Oxford: Oxford University Press.
- [50] Gajurati, M. (2004). *Crime and mentalities in early modern England*. Cambridge University press, Cambridge
- [51] Ge, W., & McVay, S. (2005). The disclosure of material weaknesses in internal control after the Sarbanes-Oxley Act. *Accounting Horizons*, 19, 137-158.
- [52] Gerrit S., & Mohammad J. A. (2010). Monitoring effects of the internal audit function: Agency theory versus other explanatory variables. *International Journal of Auditing* 15(1)
- [53] Gupta, P. P., (2001). *Internal audit reengineering: Survey, model, and best practices*. Altamonte Springs, FL: The institute of internal auditors research foundation 241
- [54] Hackett, W. & Mobley, S. (1976). Auditing perspective of the historical development of internal control. 1st ed. [ebook] University of Kansas, 2, 3-5.
- [55] Hartman, S. W. (2010). *Management Theory*. New York: New York Institute of Technology
- [56] Henle, C.A. (2005). Predicting workplace deviance from the interaction between organisational justice and personality. *Journal of Managerial Issues*, 17(2), 247-63.
- [57] Hubbard, G. (2009). Measuring organisation performance: Beyond the triple bottom line. *Business Strategy and the Environmental Journal*, 19, 177-191.
- [58] Ibrahim, S., Diibuzie, G., & Abubakari, M (2017). The impact of internal control systems on financial performance: the case of health institutions in upper west region of Ghana. *International Journal of Academic Research in Business and Social Sciences*, 7(4), 684-696.
- [59] INTOSAI (2004). *Guidelines for internal control standards for the public sector*. INTOSAI Professional Standards Committee.
- [60] Ittner, C. D., Larcker, D. F., & Randall, T. (2003). Performance implications of strategic performance measurement in financial services firms. *Accounting, Organisations and Society*, 28(7), 715-741.
- [61] Jensen, K. L. (2003). A Basic study of agency-cost source and municipal use of internal versus external control. *Accounting and Business Research*, 35(4), 33-48.
- [62] Jones, M.J. (2008). *Dialogus de Scaccario (c.1179): the first Western book on accounting*.
- [63] Kamau, C.N. (2014). *Effect of internal controls on financial performance of manufacturing firms in Kenya*. Unpublished MBA management research paper, Nairobi: University of Nairobi
- [64] Kaplan, R., & Norton, D. (1992). *The balance scorecard: Measures that drives performance*. Harvard Business Review, 70, 71-79.
- [65] Kaplan, R., & Norton, D. (1996). *The balance scorecard. translating strategy into action*. Boston: Harvard Business, school press.
- [66] Keraro, V. N. (2014). *The Role of Governance in the Strategic management of Counties in Kenya*. Unpublished PhD thesis, Juja: Jomo Kenyatta University of Agriculture and Technology.
- [67] Kgabo, E.M. (2013). *Effectiveness of internal control mechanisms in monitoring financial resources at the Gauteng Department of Education*. Unpublished MA Mini-Dissertation, North-West University, South Africa.
- [68] Khan, T., & Ahmed, H. (2001). *Risk management: An analysis of issues in Islamic financial industry*. IRTI/IDB Occasional Paper, No. 5.
- [69] Kinyua, J.K., Gakure, K., Gekara, R., & Orwa, M. (2015). Effect of internal control environment on the financial performance of companies quoted in the Nairobi Securities Exchange. *International Journal of Innovative Finance and Economics Research*, 3(4), 29-48.
- [70] Kothari, C. R. (2011). *Research Methodology; Methods and Techniques*. New Delhi: New Age International Publishers.
- [71] Kothari, C.R., (2007). *Quantitative Techniques*, New Delhi, Vikas Publishing House Pvt. Ltd
- [72] Lakis, V. & Giriūnas, L. (2012). The Concept of Internal Control System: Theoretical Aspect. *Ekonomika*, 91(2), 142-149.
- [73] Lee, T. (1971). The Historical Development of Internal Control from the Earliest Times to the End of the Seventeenth Century. *Journal of Accounting Research*, 9(1), 150-157.
- [74] Ling, S., & Huang, L. (2012). How intellectual capital management affects organisation performance: Using intellectual capital as the mediating variable. *Journal of Human Resource Management*, 10(1), 1-27.
- [75] Malekmahmoudi, S. k., Shokooh, M., & Saeidi, P. (2015). Investigating the relation between internal control system and financial performance of telecommunication company of Golestan province. *Auditing Journal*, 3(2), 206-211.
- [76] Manasseh, P. N., (2007). *Principles of auditing*. Nairobi: McMore accounting books.
- [77] Marashdeh, Z. (2014). The effect of corporate governance on firm performance in Jordan. *The University of Central Lancashire Journal*, 30(3), 70-85.
- [78] Marshall, R., (2013). *Effective internal audit in the financial services sector, recommendations from the committee on internal audit guidance for financial services*. Institute of Internal Audit, 1-16.
- [79] Mawanda, S. P. (2008). *Effects of internal control system on financial performance in Uganda's*

- institution of higher learning. Dissertation for award of MBA in Uganda Martyrs University.
- [80] Meigs, W.B. (1977). Accounting, the basis for decision making. London: McGraw Hill Inc.
- [81] Mihret, D. G., James, K., & Joseph, M. M. (2010). Antecedents and organisational performance implications of internal audit effectiveness: some propositions and research agenda. *Pacific Accounting Review*, 22(3), 224 – 252.
- [82] Miles, S. (2012). Stakeholder: essentially contested or just confused?. *Journal of Business Ethics*, 108, 285-298.
- [83] Mitchell, R. K., Agle, B. R., & Wood D. J. (1997). Toward a theory of stakeholder identification and silence: defining the principle of who and what really counts. *Academy of management review*, 22(4), 854-886.
- [84] Moeller, R. (2011). COSO Enterprise Risk Management: Establishing Effective Governance, Risk, and Compliance (GRC) Processes. 2nd ed. Hoboken, N.J.: John Wiley & Sons.
- [85] Moeller, R. R (2013) Executive's Guide to COSO Internal Controls, edited by Robert R. Moeller, Wiley, , 8, 52-53.
- [86] Miller, J.H. & Page, S.E. (2017). Complex Adaptive Systems: An Introduction to Computational Models of Social Life. Princeton: Princeton U.P.
- [87] Mugenda, O., & Mugenda, A. (2003). Research Methods: Quantitative and Qualitative Approaches. Nairobi: Acts Press.
- [88] Muraleetharan, P. (2013). Control activities and performance of organisations. *International Journal of Marketing, Financial Services and Management Research*, 2(4), 10-16.
- [89] Mwakimasinde, M., Odhiambo, A., & John, B. (2014). Effects of internal control systems on financial performance of sugarcane out grower companies in Kenya. *Journal of Business and Management*, 12(1), 62-73.
- [90] Mwindi D. (2005). Auditing focus, Kenya: Nairobi publishers Limited.
- [91] Ndamenu, K. D (2011). Internal control and its contributions to organisational efficiency and effectiveness: A case study of Ecobank Ghana limited. A thesis submitted to the institute of distance learning - kwame nkrumah university of science and technology.
- [92] Nocco, B. W., & Stulz, R. (2006). Enterprise risk management: Theory and practice, Ohio State University working paper.
- [93] Ogneva, M., Subramanyam, K. R., and Raghunandan, K. (2007). Internal control weakness and cost of equity: Evidence from SOX Section 404 disclosures. *The Accounting Review*, 82(5), 1255-1297.
- [94] Omolaye, K.E., and Jacob, R.B. (2017) The Role of Internal Auditing in Enhancing Good Corporate Governance Practice in an Organization. *International Journal of Accounting Research* 6 (1), 2-8.
- [95] Omar, N, & Abu Bakar, K. M. (2012) "Fraud prevention mechanisms of Malaysian government-linked companies: An assessment of existence and effectiveness". *Journal of Modern Accounting and Auditing*, 8(1), 15-31.
- [96] Palfi & Muresan (2009) examined the importance of a well-organised system of internal control in regard with the bank sector.
- [97] Phillips, R., Freeman, R. E., & Wicks, A. C. (2003). What stakeholder theory is not?. *Business Ethics Quarterly*, 13(04), 479-502.
- [98] Posthuma R.A., Campion M.C., Masimova M., & Campion M.A. (2013). A high performance work practices taxonomy: Integrating the literature and directing future research. *Journal of Management*, 39, 1184–1220.
- [99] PROCASUR (2012). An overview of SACCOs in Kenya; In pursuit of ideas to develop Savings and credit cooperatives. Learning from Kenyan SACCOs.
- [100] Radu, M. (2012). Corporate governance, internal audit and environmental audit-the performance tools in Romanian companies. *Accounting and Management Information Systems*, 11(1), 112–130.
- [101] Reid, G. C., & Smith J. A. (2000). The impact of contingencies on management accounting system development. *Management Accounting Reserve*, 11(4), 427-450.
- [102] Reid, K., & Ashelby, T. (2002). The Swansea internal quality audit processes quality assurance in education.
- [103] Rezaee, I., & Zabihollah. B. (2002). Financial statement fraud, prevention and detection. *Journal of fraud prevention*, 22, 23-41
- [104] Rezaee, Z., Elam, R., & Sharbatoghlie, A. (2001). Continuous auditing: The audit of the future. *Managerial Auditing Journal*, 16(3), 150-158.
- [105] Rittenberg, L. E., & B. J. Schwieger, (2005). Auditing concepts for a changing environment, (2nd ed.). Fort worth, TX: The dryden press
- [106] Roos, J., & Roos, G. (1997). Measuring your company's intellectual performance. *Long Range Planning*, 30(31), 413-436.
- [107] Rue, W. L., & Byars, L. L. (2004). *Management Skills and Application*. (8th ed). Richard, NJ: Irwin Inc.
- [108] Sarbanes-Oxley Act (SOX, 2002). Control Activities of policies, procedures, and systems relating to the reliability of financial reporting.
- [109] Sarens, G., & Abdolmohammadi, M. J. (2011). Monitoring effects of the internal audit function: agency theory versus other explanatory variables. *International Journal of Auditing*, 15(1), 1-20.
- [110] Sarens, G., & Beelde, I. D. (2006). The relationship between internal audit and senior management: An analysis of expectations and perceptions. *International Journal of Auditing* <https://doi.org/10.1111/j.1099-1123.2006.00351.x>
- [111] Saunders, M., Lewis, P. & Thornhill, A. (2012) "Research Methods for Business Students" 6th edition, Pearson Education Limited
- [112] Savouk, O. (2007). Internal audit efficiency evaluation principles. *Journal of Business Economics and Management*, 8(4), 275–284.

- [113] Sawyer B.L. (2003). The practice of Modern Internal Auditing. The Institute of Internal Auditors, 5th edition, USA: the institute of internal auditors.
- [114] Sawyer, L.B., Dittenhofer, M. A., & Scheiner, J. H. (2003). Sawyer's internal auditing. The practice of Modern Internal Auditing, 5th edition. USA: the institute of internal auditors.
- [115] Sekaran, U. (2008). Research Methods for Business. A skill Building Approach. New York: John Willey & Sons, Inc.
- [116] Schroeck, G. 2002. Risk Management and Value Creation in Financial Institutions. NY: John Wiley and Sons, Inc
- [117] Shleifer, A., & Vishny, R. W. (1997). A survey of corporate governance. *Journal of Finance*, 52(4), 737-783.
- [118] Singleton, T. W, Bologna, G. J, Lindquist, R. J., & Singleton, A. J. (2006). *Fraud auditing and forensic accounting* (third edition). New Jersey: John Wiley & Sons, Inc.
- [119] Smit P. J., & Cronje, J. G. (2002). *Management principles*. Capetown: Juta publishers.
- [120] Theofanis, K., Drogalas, G., & Giovanis, N. (2011). Evaluation of the effectiveness of internal audit in Greek hotel business. *International Journal of Economic Sciences and Applied Research*, 4(1), 19-34.
- [121] Thuy (2007). Overall attitudes, values, and philosophy of senior political and management executives and the culture throughout the banking industry in Nigeria.
- [122] Uzun, A. (2009). The role of internal audit in internal control quality in corporate organisations. [online] Istanbul. Retrieved from: <http://archive.ismmmo.org.tr/docs/sempozyum/09Sempozyum/EN/5%20paralel%20oturum%203/2%20ali%20kamil%20uzun.pdf> [Accessed 22 Apr. 2017].
- [123] Venkatraman, N., & Ramanujam, V. (1986). Measurement of business performance in strategy research: a comparison of approaches. *Academy of Management Review*, 1(4), 801-814. doi: 10.2307/258398
- [124] Vickery, B.G. (1983). *Principles and practice of book keeping and account*. London: Roswell Ltd.
- [125] Whittington, O. R., Panny, K. (2001). *Principles of auditing and other assurance services*. Irwin / McGraw –Hill. New York.
- [126] Whittington, R., & Pany, K. (2006). *Principles of auditing and other assurance services*. Boston, MA: McGraw-Hill/Irwin
- [127] Wolf, E (1986). *Auditing today*. UK: Prentice Hall International