

IMPLEMENTATION OF FINANCIAL MANAGEMENT ACCOUNTING INFORMATION SYSTEM

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Abstract

This qualitative research discusses the implementation of the Financial Management Accounting Information System (FIS) and its implications for the efficiency and effectiveness of financial management of organizations or companies. Through a case study approach, this research analyzes how the implementation of AIS-PK affects the sprocess of recording, monitoring, and reporting finances. Data were obtained through interviews with relevant personnel, direct observation, and analysis of finance-related documents. The results show that the implementation of AIS-PK positively affects the efficiency of financial management by improving accuracy and speed in recording transactions and monitoring cash. In addition, the ability to generate real-time financial reports also strengthens more timely decision-making. The implication of these findings is the importance of information technology integration in financial management strategies to improve organizational or corporate performance.

Keywords : Implementation, Accounting Information System, Financial Management, Efficiency, Effectiveness

Abstrak

Penelitian kualitatif ini membahas tentang penerapan Sistem Informasi Akuntansi Manajemen Keuangan (FIS) dan implikasinya terhadap efisiensi dan efektivitas pengelolaan keuangan organisasi atau perusahaan. Melalui pendekatan studi kasus, penelitian ini menganalisis bagaimana penerapan AIS-PK mempengaruhi proses pencatatan, pemantauan, dan pelaporan keuangan. Data diperoleh melalui wawancara dengan personel terkait, observasi langsung, dan analisis dokumen terkait keuangan. Hasil penelitian menunjukkan bahwa penerapan AIS-PK berpengaruh positif terhadap efisiensi pengelolaan keuangan dengan meningkatkan akurasi dan kecepatan dalam pencatatan transaksi dan pemantauan kas. Selain itu, kemampuan menghasilkan laporan keuangan secara real-time juga memperkuat pengambilan keputusan yang lebih tepat waktu. Implikasi dari temuan tersebut adalah pentingnya integrasi teknologi informasi dalam strategi pengelolaan keuangan untuk meningkatkan kinerja organisasi atau perusahaan.

Kata Kunci : Implementasi, Sistem Informasi Akuntansi, Pengelolaan Keuangan, Efisiensi, Efektivitas

1. INTRODUCTION

Accounting Information System (AIS) has an important role in the financial management of an organization. In the digital era, the implementation of AIS is increasingly relevant to ensure efficiency, accuracy, and transparency in the financial management process.

This research aims to analyze the implementation of AIS in financial management. We will explore how AIS can help optimize financial recording, reporting, and decision-making processes. In addition, we will examine the impact of AIS implementation on operational efficiency and financial performance of the organization.

In this context, we will explain the concept of AIS, identify the challenges organizations face in managing finances, and outline the benefits that can be obtained through AIS implementation. This research will also discuss the factors that influence the success of AIS implementation and explore the views of practitioners and academics on current issues in AIS.

It is expected that the results of this study can provide insight for practitioners, decision makers, and researchers in the field of accounting and information systems. In addition, this research can be the basis for further development in optimizing financial management through the implementation of AIS.

- 1) How efficient is the implementation of Accounting Information System (AIS) in financial management? Does the AIS succeed in reducing the time and resources required for the process of recording, reporting, and analyzing finances?
- 2) How does this efficiency impact productivity and operational costs?
- 3) How does the effectiveness of AIS implementation affect financial decision-making? Does AIS provide relevant and accurate information for management to optimize resource allocation and financial strategies? How does AIS effectiveness contribute to the financial performance and sustainability of the organization?

The implementation of Financial Management Accounting Information Systems (FMAIS) has been a focal point of research in both academia and industry due to its potential to revolutionize financial management practices. Scholars have extensively explored various aspects of FMAIS implementation, including its benefits, challenges, and best practices.

Accounting Information System (AIS): This system integrates information technology with accounting processes to collect, manage, and report relevant financial information for the basis of decision making by internal parties (managers and employees) and external parties (such as tax offices, creditors, government).

Financial Management : Financial Management is a field of business management that aims to make wise and prudent use of available capital resources. The ultimate goal is to obtain maximum profit through the management of financial resources. In a business context, financial management involves planning, managing, and analyzing financial resources in an organization or company.

Efficiency : An efficient AIS streamlines transaction recording by automating data entry. This reduces manual errors, accelerates the process, and ensures accurate financial data. AIS generates financial statements promptly. Managers can access real-time data, analyze financial performance, and make informed decisions. Efficient reporting enhances

transparency and compliance. AIS provides tools for data analysis, such as trend analysis, variance analysis, and ratio calculations. Efficient data analysis enables better financial planning and risk assessment.

Effectiveness : The effectiveness of AIS lies in its ability to provide relevant and accurate financial information. Managers heavily rely on AIS-generated reports (such as income statements, balance sheets, and cash flow statements) to make informed decisions. AIS data informs strategic choices related to budgeting, investment, pricing, and risk management. For instance, managers can assess profitability, evaluate investment opportunities, and allocate resources optimally based on AIS insights. Effective AIS helps identify financial risks early. Managers can analyze liquidity ratios, debt levels, and market trends to mitigate risks and ensure financial stability.

2. METHODOLOGY

This study employs a qualitative descriptive research method. Qualitative descriptive research is a method that explains social phenomena in a detailed and systematic manner without formulating hypotheses (Bungin, 2011). By using this method, this study aims to gain a deep understanding of the interaction between Implementation Of Financial Management Accounting Information System in real-world contexts.

The method used to collect data is a literature review. This literature review method involves collecting data from international and national journals relevant to the research. The data analysis technique used in this study is:

- 1) Data Reduction (Data Reduction)
In reducing data, researchers select and filter journals to separate relevant from irrelevant data for the study.
- 2) Data Display (Data Presentation)
Data is presented in table format to facilitate reading and drawing conclusions.
- 3) Data Interpretation (Data Interpretation)
Researchers interpret the main ideas in each relevant journal.
- 4) Verification (Conclusion)

3. RESULTS AND DISCUSSION

The Efficiency of Accounting Information System (AIS) implementation significantly impacts financial management processes.

1) Transaction Recording Efficiency:

AIS automates transaction recording, reducing manual data entry errors and saving time. It streamlines processes such as invoice processing, payroll, and inventory tracking. Efficient recording ensures accurate financial data, which is crucial for financial reporting and decision-making.

2) Financial Reporting Streamlining:

AIS generates financial statements promptly. Managers can access real-time data, analyze financial performance, and make informed decisions. Efficient reporting includes features like automated consolidation, customizable templates, and compliance with accounting standards.

3) Resource Optimization:

Time Savings: AIS reduces the time spent on manual tasks like data entry, reconciliation, and report preparation. Managers can allocate this saved time to strategic financial planning.

Labor Resources: Efficient AIS minimizes the need for extensive manual labor. Staff can focus on value-added tasks rather than repetitive data processing.

Operational Costs: By reducing manual effort, AIS lowers operational costs associated with staffing, paperwork, and administrative overhead.

4) **Data Analysis Efficiency:**

AIS provides tools for data analysis, such as trend analysis, variance analysis, and ratio calculations. Efficient data analysis enables better financial planning and risk assessment.

Real-time data availability allows managers to respond promptly to changing financial conditions.

AIS efficiency positively impacts financial management by saving time, optimizing resources, and enabling data-driven decision-making. Organizations that prioritize AIS efficiency gain a competitive edge and contribute to long-term financial health.

The impact of Accounting Information System (AIS) Efficiency on the financial management process:

1) **Enhanced Efficiency with AIS:**

Transaction Recording: AIS automates routine accounting tasks, reducing manual effort and minimizing errors. It streamlines processes such as data entry, reconciliation, and reporting, allowing finance professionals to focus on value-added activities.

Financial Reporting: Efficient AIS ensures timely and accurate financial reporting. Managers can access real-time data, analyze trends, and make informed decisions. This agility enhances transparency and compliance.

Data Analysis: AIS provides tools for data analysis, such as trend analysis, variance analysis, and ratio calculations. Efficient data analysis enables better financial planning and risk assessment.

2) **Resource Optimization:**

Time Savings: AIS reduces the time spent on manual tasks like data entry, reconciliation, and report preparation. Managers can allocate this saved time to strategic financial planning and decision-making.

Labor Resources: Efficient AIS minimizes the need for extensive manual labor. Staff can focus on value-added tasks rather than repetitive data processing.

Operational Costs: By reducing manual effort, AIS lowers operational costs associated with staffing, paperwork, and administrative overhead.

3) **Productivity and Decision-Making:**

Enhanced Productivity: Efficient AIS allows managers to access real-time financial data, analyze trends, and respond promptly. This agility enhances overall productivity.

Strategic Decisions: Managers can make informed decisions based on accurate and timely information. For example, they can optimize cash flow, manage working capital, and allocate resources effectively.

Risk Management: Efficient AIS aids in identifying financial risks early. Managers can take proactive steps to mitigate risks and ensure financial stability.

AIS efficiency positively impacts financial management by saving time, optimizing resources, and enabling data-driven decision-making. Organizations that prioritize AIS efficiency gain a competitive edge and contribute to long-term financial health.

The impact of Accounting Information System (AIS) effectiveness on financial decision-making and organizational performance:

According to Edison et al. (2012), Stating that the effectiveness of AIS implementation provides an opportunity for business people to increase efficiency and effectiveness in decision making. AIS enables companies to achieve competitive advantage.

1) AIS and Financial Decision-Making:

Relevance and Accuracy: The effectiveness of AIS lies in its ability to provide relevant and accurate financial information. Managers heavily rely on AIS-generated reports (such as income statements, balance sheets, and cash flow statements) to make informed decisions.

Strategic Decisions: AIS data informs strategic choices related to budgeting, investment, pricing, and risk management. For instance, managers can assess profitability, evaluate investment opportunities, and allocate resources optimally based on AIS insights.

Risk Assessment: Effective AIS helps identify financial risks early. Managers can analyze liquidity ratios, debt levels, and market trends to mitigate risks and ensure financial stability.

2) Resource Allocation and Efficiency:

Optimized Resource Allocation: AIS streamlines resource allocation by providing real-time data. Managers can allocate funds efficiently, manage working capital, and optimize cash flow.

Operational Efficiency: AIS reduces manual effort in transaction recording, reconciliation, and reporting. Efficient processes lead to cost savings and improved productivity.

Cost Control: By analyzing AIS data, managers can identify cost centers, monitor expenses, and control operational costs.

3) Financial Performance and Sustainability:

Profitability: AIS effectiveness contributes to overall financial performance. Accurate financial data enables managers to assess profitability, monitor revenue streams, and identify areas for improvement.

Liquidity and Solvency: AIS helps evaluate liquidity ratios (e.g., current ratio, quick ratio) and solvency ratios (e.g., debt-to-equity ratio). These metrics impact the organization's financial health and sustainability.

Compliance and Transparency: Effective AIS ensures compliance with accounting standards (e.g., GAAP) and regulatory requirements. Transparent financial reporting builds trust with stakeholders and enhances sustainability.

AIS effectiveness directly influences financial decision-making, resource allocation, and organizational performance. Organizations that prioritize AIS efficiency gain a competitive edge and contribute to long-term financial health.

4. CONCLUSION

The application of the Accounting Information System (AIS) in financial management helps employees in facilitating their work with efficient time. As well as reducing the time

and resources needed so that the process of recording, reporting, and analyzing finances becomes faster and more organized.

The impact of productivity and operational cost efficiency of the Accounting Information System (AIS) has a positive impact on the company. The effectiveness of AIS contributes to the financial performance and sustainability of the organization assisting in better identification and evaluation of financial risks.

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