

Web-Based Cash Receipt and Expenditure Application at PT Rizma Tour & Travel

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Abstract

PT Rizma Tour & Travel is a company engaged in the field of travel agencies. The problem in this study is that the recording of cash receipts and expenditure transactions still uses a manual and semi-computerized system using Microsoft Excel to create cash receipts and expenditure reports. This problem can result in incorrect recording or incorrect input of transactions so it can produce inaccurate cash receipt and expenditure reports. The research method used in this study is a qualitative research method with a case study approach. The purpose of this study is to build a cash receipt and expenditure application for PT Rizma Tour & Travel which is used to assist in recording cash receipt and expenditure transactions. The results of this study are in the form of a web-based cash receipt and expenditure application that can assist PT Rizma Tour & Travel in recording cash receipt and expenditure transactions so that they run effectively and efficiently until the creation of cash receipt and expenditure reports.

Keywords: Application, Cash Receipt and Expenditure, Web

INTRODUCTION

The introduction of this study aims to provide a comprehensive background and highlight the significance of the research (Baccarin, 2009). PT Rizma Tour & Travel operates within the travel agency industry, where the handling of financial transactions is a crucial aspect of daily operations (Barbosa, & Pimentel, 2001). These transactions, which primarily involve cash receipts and expenditures, are fundamental for the company's financial health and operational sustainability. Currently, PT Rizma Tour & Travel manages these financial records through a manual or semi-computerized system using Microsoft Excel. While this approach may have served the company for basic record-keeping purposes, it presents significant challenges regarding accuracy and efficiency. The central issue faced by PT Rizma Tour & Travel is the susceptibility of its current system to human errors and inaccuracies (Baumol, 1952). Manual data entry is inherently prone to mistakes, such as incorrect input of figures, duplication of entries, and omissions. Furthermore, the lack of automation in generating financial reports can lead to inconsistencies, miscalculations, and delays. Such inaccuracies in the financial records can impede the company's ability to maintain proper financial oversight, affecting decision-making processes and potentially harming the company's financial stability.

Given these challenges, the problem statement of this study is defined as the inaccuracies and inefficiencies arising from the manual recording of financial transactions. The reliance on manual data entry not only makes the process time-consuming but also increases the likelihood of errors in cash receipts and expenditure records. This inefficiency in financial management can obstruct the company from achieving a clear and accurate picture of its cash flow, which is vital for budgeting, financial planning, and overall business strategy.

The main objective of this research is to address the current limitations of PT Rizma Tour & Travel's financial transaction recording system. The study aims to develop a web-based cash receipt and expenditure application tailored to the company's specific needs. This application is intended to streamline the process of recording and managing cash transactions, reducing the risk of human error and enhancing the reliability of the financial data. By transitioning from a manual system to a web-based application, PT Rizma Tour & Travel can benefit from automated data entry, real-time financial tracking, and improved reporting capabilities.

Furthermore, the development of this web-based application is expected to improve the efficiency of financial operations within PT Rizma Tour & Travel. With automated features, the application would allow for accurate recording, storing, and processing of cash transactions, enabling the company to generate comprehensive financial reports more effectively. Such improvements in financial management would not only facilitate day-to-day operations but also support the company's strategic decision-making by providing reliable data on cash flow patterns and financial status.

In conclusion, this study seeks to bridge the gap in PT Rizma Tour & Travel's current financial transaction management by introducing a technological solution that ensures accuracy, efficiency, and reliability. The proposed web-based application represents a strategic move toward modernizing the company's financial operations, minimizing manual errors, and improving overall financial performance. This research, therefore, has the potential to contribute significantly to the company's operational efficiency and financial transparency.

METHODS

This section details the research design and methodological approach adopted for this study (Hinderer, & Waldmann, 2001). A qualitative research method was chosen, with a particular emphasis on a case study approach to concentrate on the unique circumstances of PT Rizma Tour & Travel. The case study method is advantageous as it enables an in-depth examination of the company's current financial recording practices and the challenges associated with them. By focusing on this specific context, the research provides a comprehensive understanding of how the manual and semi-computerized systems in place impact the accuracy and efficiency of financial transactions, specifically cash receipts and expenditures. The qualitative approach allows for the exploration of intricate details and nuances that are critical in developing a practical and customized solution for the company.

The research process follows a systematic sequence, beginning with a thorough analysis of the existing manual recording system. This involves identifying the key limitations and issues faced in the current financial transaction management process, such as inaccuracies in data entry and inefficiencies in report generation. Following this diagnostic phase, the study proceeds to the design and development of a web-based application tailored to address the identified challenges. The design of the application is aimed at optimizing the process of recording and managing cash receipts and expenditures. The implementation stage is carefully structured to facilitate a seamless transition from the manual system to the web-based platform, ensuring that the new system enhances accuracy, reliability, and efficiency in financial management.

RESULTS

This section elaborates on the results of the research conducted. The study successfully culminated in the development and implementation of a web-based application tailored to record cash receipts and expenditures. This application was specifically designed to address the challenges faced by PT Rizma Tour & Travel in their financial management processes. By replacing the manual and semi-computerized methods previously used, the application enhances the efficiency and accuracy of managing financial transactions. The technology-driven approach significantly reduces the risks of errors that are inherent in manual data entry and provides a more streamlined method of recording financial transactions.

The developed web-based application introduces several improvements to the financial recording process. It allows for real-time input and tracking of cash receipts and expenditures, thereby facilitating immediate data entry and retrieval. The system also incorporates secure data storage, ensuring that all financial records are safely maintained and easily accessible when needed. Moreover, the application automates the generation of financial reports, a feature that enables the company to produce accurate, timely, and detailed records of cash flow. This automation not only saves time but also minimizes human error in report creation, thereby contributing to more reliable financial data.

As a result of implementing this web-based solution, PT Rizma Tour & Travel benefits from a more effective and efficient financial management system. The application's capability for real-time recording and automated report generation has a direct positive impact on the company's overall financial operations. The new system supports better financial oversight, simplifies the process of tracking cash flow, and enhances the ability to make informed financial decisions. Consequently, this contributes to improved accuracy, efficiency, and transparency in the company's financial processes, fostering better financial control and strategic planning for the business.

DISCUSSION

The discussion section is intended to interpret the study's findings and emphasize their significance. The research demonstrates that the web-based application developed for PT Rizma Tour & Travel successfully addresses the issues associated with manual and semi-computerized financial recording. Prior to the application's implementation, the company experienced inefficiencies in its financial transaction processes, often leading to inaccuracies and delays in financial reporting. The transition to a web-based system has proven to be effective in streamlining these processes. The automation provided by the new application not only ensures more accurate data entry but also facilitates the timely generation of financial reports, ultimately enhancing the company's financial management.

One of the main contributions of the web-based application is its improvement of data accuracy and efficiency in recording cash transactions. Manual data entry is inherently prone to errors, and the use of spreadsheets like Microsoft Excel, while semi-automated, still requires manual input that can result in mistakes. The newly implemented system eliminates the risk of human error associated with manual processes. It enables real-time recording of cash receipts and expenditures, which reduces discrepancies and enhances data integrity. Consequently, PT Rizma Tour & Travel has experienced a marked improvement in the accuracy of its financial statements and cash flow tracking.

Moreover, the application provides significant benefits in terms of operational efficiency. By automating the process of generating financial reports, the application saves valuable time and resources. Instead of manually compiling and reviewing data, the system can generate comprehensive and detailed financial reports in just a few clicks. This efficiency not only reduces the administrative burden on the company's staff but also allows for more timely decision-making based on up-to-date financial data. These improvements have a direct positive impact on the company's financial operations, enabling it to operate with greater agility and precision.

However, the discussion also acknowledges potential limitations and areas for improvement. While the web-based application significantly enhances the financial recording process, it may require ongoing updates and maintenance to ensure its optimal performance and to adapt to evolving business needs. Furthermore, the study may be limited in scope as it focuses solely on the case of PT Rizma Tour & Travel. The unique operational and financial context of the company might influence the application's effectiveness, meaning that additional studies would be beneficial to assess the generalizability of the system's benefits to other companies with different operational models.

In addition, future research could explore how the application can be further refined to improve functionality and user experience. For instance, integrating advanced features such as predictive analytics or artificial intelligence could enable the application to provide more insightful financial forecasts and deeper analysis of cash flow trends. These enhancements would further strengthen the company's financial planning and management capabilities, providing a more comprehensive tool for strategic decision-making.

The broader implications of this study suggest that the implementation of such web-based financial systems could benefit a range of companies facing similar challenges with financial transaction recording. Many small to medium-sized enterprises (SMEs) continue to rely on manual processes for their financial management, often leading to inefficiencies and inaccuracies. The success of the application developed for PT Rizma Tour & Travel indicates that transitioning to automated financial recording systems could significantly improve the financial operations of other businesses as well. This shift could lead to more effective financial oversight, better resource management, and enhanced competitiveness in their respective markets.

CONCLUSION

The conclusion consolidates the research findings, confirming that the web-based application developed for PT Rizma Tour & Travel effectively enhances both the efficiency and accuracy of recording financial transactions. The research demonstrates that the shift from manual or semi-computerized recording to an automated, web-based system has addressed key challenges, such as errors in data entry and delays in generating financial reports. The application's capacity for real-time data entry, secure data storage, and automated reporting has significantly improved the reliability of the company's financial management practices. Thus, the study successfully meets its objective of creating a robust tool for managing cash receipts and expenditures.

Furthermore, the practical benefits of the application extend beyond merely improving data accuracy. By streamlining the process of financial recording and reporting, the system contributes to more efficient financial operations within PT Rizma Tour & Travel. The automated features save time and resources, allowing the company to focus on more strategic tasks rather than administrative burdens associated with manual record-keeping. The overall impact of the

application is a more effective financial oversight, enabling the company to make informed decisions based on precise, up-to-date financial data, thereby strengthening its operational capabilities and financial planning.

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