ACCSYON: A WEB-BASED ACCOUNTING SOLUTION FOR NCT-PARTS AND BICYCLE RETAIL STORE

A Thesis Presented to the
Faculty of the College of Science
Technological University of the Philippines
Ayala Blvd., Manila

In Partial Fulfillment
of the Requirements for the Degree
Bachelor of Science in Information Technology

by

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June 2024

INTRODUCTION

The study aimed to develop a user-friendly web-based accounting system. It was designed to suit the unique requirements of NCT-Parts and Bicycle Retail Store. The users can addWEB-BASED ACCOUNTING SYSTEM new account groups as required. The system offers users real-time insights, displaying metrics such as the current number of active accounts, and improve the system?s functional suitability. It is designed to run on computers with PHP-compatible web browsers for widespread widespread use. The research was conducted by NCT Parts and Bicycle Retail. The system is intended for accountants, bookkeepers, and financial staff involved in financial operations. The researchers assessed the system?s acceptability using the ISO 25010 software instrument. It was tested using Visual Studio Code (VS Code) and Postman for testing and debugging. The users have the option to filter data by selected dates for a more tailored view for a test group. Users have the ability to view archived data as it was before or restore it. Accounting software has become a vital aspect for all kinds of businesses, including SMEs. This study aims to create a dynamic and user-friendly system capable of efficiently handling financial operations. The evaluation process relied solely on the ISO 25010 software, potentially overlooking nuanced aspects of system acceptability not covered by this framework. Users have the capability to add new accounts, edit existing ones, and delete unnecessary entries. The system?s reports can only be compare to a maximum of four years.

METHOD

The user (Admin or Staff) should be able to log in to the system as an Admin or Staff. The user (Administrator) should have a ready-to-print version of the Trial viewpoints. The admin should also have a list of details that can be checked off if the user is accurately selected. The User should be allowed to edit or delete any user by clicking the Edit or delete buttons. The users should be able to search for specific entries in the Journal Entries table. The system should proficiently generate new journal entries and the user should be able to see them. The admin should be able to access the User List table and the Add New New Account form. The system should also display a summary of the balance sheet and a print-out of the Executive Summary. The user should also be able to post the journal entry to the Journal entry table, ensuring that the table is not left empty. We use the Web-BASED ACCOUNTING SYSTEM 64. The user should be able to access the Income Statement, Balance Sheet, and Group List tables. The user should have a ready-to-print version of the income statement and the balance sheet. The admin should have access to the Group List table. The users should have the ability to edit and delete accounts. They should be allowed to search for specific account groups using the Filter button. They can also edit the balance sheets by clicking the Edit, View, or Delete button. The administrator should be able to edit the group list. The user is logged in as an administrator and logged in to the User List. The user can edit or delete any journal entry. The admin can view, edit, or delete all archived reports. The users can also view, filter by date, and print the general ledger generated from the journal entries. In scenario 2.3, the user has the capability to view and filter by year and date of the last report. The administrator can also add and delete users and edit the information of existing users. The system comprises thirteen entities: admin, staff, journal entries, general ledger, trial balance sheet, executive summary, income statement, and balance sheet. The issue or problem significantly affects the application; thus, it must be resolved as soon as possible. In Table 6, the procedures taken to properly execute and test each module are shown. The admin is responsible for providing the details for journal entries and the account group, accountGroup, and user details. In the User List, the admin can view, modify,

and add new users. The administrator home page contains twelve features: dashboard, journal, general ledger, trial balance, income statement, balance sheet, executive summary, dates, data archive, group list, chart of accounts, and user list. In the Journal Entries section, the admin can view, add, and modify entries, such as their accounting date, partner, description, debit and credit amounts, and the person who encoded them. In scenario 2.4, users can view and filter by date, and print the trial balance sheet. The system delivers data to administrators through reports, group list, and user list. Users can view, filter by date, print, and compare the automatically generated balance sheet to a previous period, year, or to a specific date. The web accounting system?s design and functionality are visualized using these visual tools. Tools and technology to be used in the development of the system were studied by the researchers to understand how they might contribute to the study. The system is available for download from the Internet. The study?s project design, project development, operation and testing processes, and evaluation procedure are presented below. The researchers began by gathering the necessary data needed to develop a web-based accounting system. The system features two actors: the admin and the user, each with distinct privileges. It also offers a comparison feature for side-by-side analysis of different accounts. The project design of the study is presented below using the Data Flow Diagrams (DFDs), Unified Modeling Language (UML), and Visual Table of Contents (VTOC) Diagram. The Add New button will let you sign up for email updates on your favorite sites. Click here to sign up to receive email updates from CNN iReport.com. Visit CNN.com/Add-New-Button to see what's new on the Add New Button page. Visit www.cnn.co.uk/add-new-button for more information. For more information on CNN's Add-New Button, visit www.cnj.org/addnewbutton.

RESULTS

The system includes the General Ledger page, presenting a table featuring entries for the seven (7) days leading up to the current date. The Filter Date feature enables users to view a summary of a specific date range, while the Print feature provides a print-ready version of the balance sheet. The Archived Journal Entries table displays entries from the past seven days, and the Filter Archived Entries feature allows users to narrow down entries from a specific period. The Executive Summary table presents a concise overview of the previous seven days. The Chart of Accounts section provides the capability to view lists of accounts. The objective is to develop a specific web-based accounting system capable of managing essential tasks, including journal entry recording, general ledger maintenance, and the generation of significant financial reports. The developed system has the capabilities of the developed system. The system is restricted to authorized personnel, with defined roles such as administrators with full system access and staff with limited privileges. The limitations of the system are outlined in the following sections. The project covers the journal entry and report sections, as well as the general ledger section. The Web-Based Accounting Solution for NCT?Parts and Bicycle Retail Store. The system is a specific Web-based Accounting System for NCT Parts and Bicycle retail store. The administrator is crucial in managing the web-based accounting system. Thirty respondents participated in the study, consisting of 12 accountants, 10 finance staff members, and 8 bookkeepers. The project description, project structure, project capabilities and limitations, and project evaluation are given. The study was conducted in the Philippines. The results of the study are published in the book, The Web- Based Accounting Solution For NCT Parts And Bicycle Retail Stores.

DISCUSSION

The system was designed to simplify accounting processes at NCT-Parts and Bicycle Retail Store. The report feature granted users the capability to view, filter data by date, and print a range of essential reports. The system should include an efficient feature for importing data from Microsoft Excel to Journal Entries module. It should incorporate a reliable export to Microsoft Excel function for financial statements, enabling swift data transfer and analysis to enhance accessibility for stakeholders. The ?Comparison? feature in the income statement, balance sheet, and executive summary helps users easily see and compare current financial data.