EZPAYROLL: WEB-BASED PAYROLL MANAGEMENT SYSTEM

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INTRODUCTION

Evaluate the web-based payroll management system?s using the ISO 25010. The goal of this paper is to create and assess a web- based payroll administration system. As of now, there are no client available to work with the researchers. The study will help students to apply their knowledge to real-world situations that can improve their problem-solving skills. The system minimizes the risk of errors, penalties, and compliance issues, providing an assurance of safety to management/owners.

Create a web-based payroll management system with the following programming tools. Use the following tools to create a payroll system: Python, Perl, and Java. Use languages: English, French, German, Spanish, and Chinese to develop the system. Use these tools to develop a web based payroll system that incorporates features such as: payroll-based forms, invoices, and invoicing. Use this guide to help you develop a payroll tool for your business. Use it to help people with business problems with their payroll systems.

METHOD

The EZPAYROLL: Web-Based Web-Based EZPayroll Management System should be periodically reevaluated to ensure continued compliance with ISO 25010. The employee account can access the employee schedules, schedules, payroll lists, and leave lists, as well as money related things. The Employee account can also access their attendance, leave, and most importantly, most importantly their benefits and bonuses. The system will show a message notifying that something is done when the user does something in the EZ PAYROLL system. The EZPayroll system has two main components, user and admin. The user provides the necessary information to the system. The admin validates the credentials of the user. The system then processes the payroll from the admin side. The database tables used in the EZPAYROLL: Web-Based Payroll Management System are shown in the following table. The EZ PAYROLL system is in compliance with ISO 25010. It is available for download from the following sites. The system provides an encryption of the password for confidentiality. The attendance of the employee is generated by a hardware (RFID scanner) connected to the system. The t and f are the range of their salary. The user interface has access to the attendance view. The project team, including developers, and designers, collaborates to create a high-level plan and establish the initial scope of the payroll system. Automated testing frameworks can be used to ensure the system functions as expected and meets the defined requirements. The EZPAYROLL system has an admin interface that has access to the RFID (Radio Frequency Identification) scanner that the system uses for employee attendance. The admin interface has bipartisanaccess to the RFID scanner. If the user forgot to log out or idle, the system will automatically end session. The system uses the following table to calculate the number of hours and overtime from attendance table employee_bonus table. The table also includes the deduction from employees philhealth table. The system should require an internet connection in order to function Cashadvance Table. The buttons have symbols, icons and words to easily identify the function. Pressing the combination key for inspect element will end the session, logged and logged if the user presses the wrong key. The er give value to deduct from employees that will be used on

payslip table. The system has complete access to the whole system and can be updated at any time. It is possible to add new features to the system. EZPayroll is a web-based application designed for organizations to manage their payroll. Users can view pay slip, pay and attendance, and request leave. The user and admin interfaces are connected to a web server. The admin is able to process the payment slip, edit request leave, compute pay slip and compute pay slips. This test includes Functionality, Usability, and Security characteristics. The test includes Functionality,. Usability,. Security characteristics, and security characteristics.

RESULTS

The researchers have evaluated a total of 20 respondents to determine if the quality of the EZPayroll Management System satisfies the standard of ISO 25010. The result on evaluation indicates that the system?s effectiveness and efficiency is highly acceptable with particular strengths in effectiveness, efficiency, and Usability characteristics. The researchers have also evaluated the User Interface of the system and the Authenticity of the payroll system. The system does not have the functionality for online banking, which means that accountant department will be assigned to send paychecks of the employees. Table 15 shows that EZPayroll Management System has undergone an evaluation on the ISO 25010 standard Deductions tab (Employee-side) The evaluation revealed that the system's viewpoints are highly satisfactory, with notable strengths in effectiveness and efficiency. The findings indicate that the EZ payroll system performs excellently in operability, allowing users to easily execute tasks and navigate the system. EZpayroll offers a user-friendly payroll system equipped with various features to streamline and simplify the payroll management process for businesses. The EZPayroll: Web-Based Payroll Management system is a digital platform designed to streamline and automate various aspects of payroll processing. It provides detailed pay slips that are easy to comprehend, along with careful tracking of bonuses and benefits. The system is more susceptible to errors and fraudulent attendance if facial recognition and biometric integration are not integrated. The user interface was found to be intuitive and well-designed, enhancing the overall user experience. The respondents found the system?s functionality highly satisfactory. The system helps organizations in adhering to legal obligations related to employee benefits and contributions. The system is a valuable resource, relieving stress and improving overall efficiency for all involved. The project structure is designed to be relaxed and efficient in a variety of ways. It is intended to be used to help organizations with employee benefits, contributions, and security issues. It was designed to help organizations with employee benefits and contributions.

DISCUSSION

The study aimed to evaluate the EZPayroll Management System based on the ISO 25010 standard. The system was found to be intuitive and well-designed, though areas for improvement were noted in operationality and user interface protection. The findings align with the ISO25010 standard, indicating that the EzPayroll: Web-Based Payroll Management system meets high-quality benchmarks in functionality, security, and usability. The study concludes that the system is highly satisfactory in terms of effectiveness and efficiency.