Educational Administration: Theory and Practice

2024, 30(5), 10992 - 10995

ISSN: 2148-2403 https://kuey.net/

Research Article



Employee Management System [Salesforce]

Yash Singhal^{1*}, Vernika Tyagi², Md. Shahid³

- ^{1*}Dept. of CSE, MIET, Meerut, Email:yash.singhal.cse.2020@miet.ac.in
- ²Dept. of CSE, MIET, Meerut Email: vernika.tyagi.cse.2020@miet.ac.in
- 3Dept. of CSE, MIET, Meerut, Email: Md.shahid@miet.ac.in

Citation: Yash Singhal et.al (2024), 10.53555/kuey.v30i5.4875 Employee Management System [Salesforce], Educational Administration: Theory and Practice, 30(5), 10992 - 10995

Doi: 10.53555/kuey.v30i5.4875

ARTICLE INFO

ABSTRACT

Human Resource Management System (HRMS), as part of Enterprise Resource Planning (ERP), is crucial for managing HR software. This integrated system aligns with HR business processes, enabling employees to manage personal information, earnings, absences, and performance evaluations. HRMS functionality can be inherent in the primary system or added as supplementary modules. Often interconnected with accounts, administration, and attendance systems, HRMS enhances operational efficiency by creating a unified platform. It streamlines workflows and simplifies HR processes, improving the accuracy and reliability of employee details and ensuring data integrity across the organization. By simplifying data deployment and collection, HRMS boosts the effectiveness of HR operations and provides a centralized platform for managing employee information.

Salesforce, a leading customer relationship management (CRM) platform, complements HRMS by providing robust tools for managing customer interactions and sales processes. Integrating Salesforce with HRMS can offer a comprehensive solution for managing customer and employee data, enhancing overall business operations. Salesforce's capabilities in automation, data analytics, and cloud-based solutions align well with the goals of HRMS, fostering improved productivity and engagement. The synergy between HRMS and Salesforce can drive better performance management, streamline workflows, and provide valuable insights into employee and customer metrics, contributing to a more efficient and productive organizational environment.

Keywords: HRMS, employee performance, influence, HR database, Data integrity, Workflow efficiency

Introduction:

In the contemporary landscape of organizational management, the indispensability of a Human Resource Management System (HRMS) has become a cornerstone for the seamless functioning of departments and the overall organizational structure. This critical system is meticulously designed to oversee and manage the automated processes within the realm of Human Resources (HR), ensuring efficiency and coherence in the workforce management landscape. HRMS, classified as an Information System (IS), stands at the intersection of hardware and software resources, operating as a server to facilitate in-house access for all authorized personnel.

At its core, HRMS is not merely a standalone entity; rather, it is an integral part of the broader Enterprise Resource Planning (ERP) framework. This integration is pivotal, as HRMS relies entirely on the effective management of HR software. This amalgamation results in a system that is intrinsically linked with HR business processes, providing employees in the Human Resources department with the tools to execute a myriad of routine operations. These operations encompass a spectrum of HR functions, including the management of employee personal information, earnings, absences, and performance evaluations.

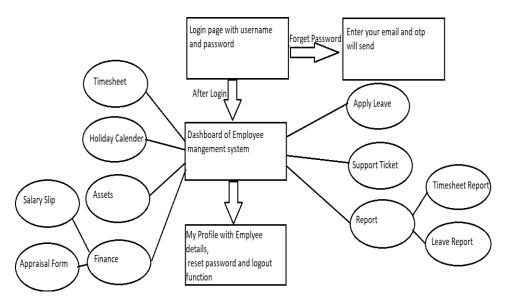
The features encapsulated within HRMS may either be inherently present in the primary system or added as supplementary software modules, depending on the organization's specific requirements and customization preferences. This adaptability ensures that HRMS is not a one-size-fits-all solution but rather a dynamic tool that can be tailored to meet the unique needs of diverse organizations. In the organizational ecosystem, HRMS extends its influence beyond the HR domain, becoming intricately intertwined with various systems such as

accounts, administration, and attendance.

This interconnectedness is a testament to the system's versatility and its capacity to foster collaboration across different functional areas. By serving as a central hub that unifies disparate systems, HRMS becomes a catalyst for operational synergy, contributing to the overall efficiency and effectiveness of the organization.

As organizations continue to navigate the complexities of modern business operations, the implementation of HRMS has evolved from a convenience to a necessity. Its role in enhancing operational efficiency, ensuring data accuracy, and fostering seamless collaboration across departments makes HRMS an invaluable asset. In conclusion, the ubiquity of HRMS underscores its significance as a linchpin for contemporary organizational management, providing a robust foundation for the smooth orchestration of HR processes and contributing to the holistic success of the organization.

Proposed Work Plan:



This diagram appears to be a flowchart for a Human Resource Management System (HRMS). It outlines the various functionalities and processes within the system from the perspective of an employee user [11][12][13]. Here's a step-by-step explanation of the diagram:

- 1. Login Page: The starting point is a login page where the user must enter their username and password to access the system.
- 2. Forgot Password: If the user forgets their password, they can click on the "Forget Password" link, which prompts them to enter their email address. The system will then send a one-time password (OTP) to their email to allow them to reset their password.
- 3. After Login: Once the user successfully logs in, they are taken to the dashboard of the employee management system.
- 4. Dashboard Features: From the dashboard, the user has access to several features:
- Timesheet: Where the user can record and view their working hours.
- Holiday Calendar: To check for upcoming holidays.
- Assets: To manage or view assets assigned to the employee.
- Finance: Likely to manage or view financial information related to payroll or benefits.
- Apply Leave: To request time off from work.
- Support Ticket: To raise issues or seek assistance from the HR department.
- Report: To view various reports, which are further detailed as:
- Timesheet Report: Detailed report of the timesheets.
- 5. Leave Report: Detailed report of the leaves taken or applied for.
- 6. My Profile: This section allows the user to view their employee details, reset their password, and log out of the system.
- 7. Salary Slip: This is likely a feature that allows the user to view or download their salary slips.
- 8. Appraisal Form: A section where the user can fill out or view appraisal forms related to performance reviews.
- The flowchart is a visual representation of the user journey within an HRMS, showing how different features are interconnected and what options are available to the user after logging into the system [14][15][16].

Experimental Result Analysis:

Employee	Projects	Assets	Salary str.
Yash singhal	Internal, General, Boat	Laptop	Nov, Oct
Somya Bansal	Client test, xyz	Laptop	Nov

PROBLEM STATEMENT:

The transition from traditional HR practices to the integration of Human Resource Management System (HRMS) influenced by Salesforce technology marks a significant shift in organizational methodologies. Many companies have embraced HRMS software within the Salesforce ecosystem, recognizing the need for a technologically advanced approach to HR management. Despite this adoption, the effectiveness of this shift in enhancing employee performance has not been thoroughly examined [17][18].

This study seeks to fill that gap by conducting a comprehensive analysis of the impact of HRMS, within the Salesforce ecosystem, on employee performance. The integration of Salesforce, a leading customer relationship management (CRM) platform, with HRMS reflects a strategic alignment of technologies to streamline and optimize HR processes. By leveraging the capabilities of Salesforce, organizations aim to enhance communication, collaboration, and data management in the HR domain.

The study aims to assess how this technological synergy translates into tangible improvements in employee performance metrics. Through rigorous analysis and evaluation, it endeavors to provide insights into the effectiveness of HRMS within the Salesforce ecosystem, shedding light on its potential benefits in optimizing HR operations and, consequently, elevating overall employee performance.

Conclusion

The Human Resource Management System (HRMS) is a potent organizational tool, irrespective of the size of the company. Its successful implementation signifies a well-organized and proactive approach to addressing challenges within the organization. Utilizing HRMS for managing HR tasks has become a standard practice for effective businesses, proving beneficial for both large corporations and small startups in enhancing development and profitability. The adaptability of HRMS enables organizations to tailor their workflows to align with their unique requirements, ultimately contributing to an optimal customer experience.

This research aimed to assess the impact of HRMS tools on the productivity of workers. The findings indicate a substantial increase in employees' effectiveness as a result of implementing this software. Employees derive various benefits from the system, experiencing heightened efficiency in their tasks, increased speed in work execution with minimized errors, and easy access to company information, policies, and rules at their fingertips. The system's provision of timely information about company events fosters awareness among employees, leading to improved engagement. This heightened engagement, in turn, contributes to increased employee satisfaction. The ease of access to information and streamlined processes facilitated by HRMS has not only enhanced operational efficiency but has also positively influenced the overall work experience for employees. In conclusion, the research underscores the positive impact of HRMS on employees' effectiveness, attributing the improvement to the efficient utilization of HRMS software. The system's multifaceted benefits, ranging from increased efficiency to enhanced employee engagement and satisfaction, highlight its pivotal role in elevating organizational performance through streamlined HR management processes.

References:

- [1] Faruk, B., & Osman, G. M. (2015). Usage of Human Recourse Information System and its Application in Business: A study of Banking Industry in Bangladesh (Vol. 7).
- [2] Sabrina, J. (2012). Effectiveness of Human Resource Information System on HR functions of the organization- A Cross Sectional Study. US- China educational Review, A 9.
- [3] Dianna, L. S., & Kimberly, M. L. (2009). An expanded model of the factors affecting the acceptance and effectiveness of electronic human resource management system.
- [4] Julia, E. H., & James, H. (2013). Shared leadership in enterprise resource planning and human resource management system implementation. Human Resource Management Review , journal homepage: www.elsevier.com/locate/humres
- [5] Sabrina, J. (2012). Effectiveness of Human Resource Information System on HR functions of the organization- A Cross Sectional Study. US- China educational Review, A 9.
- [6] Shammy, S. (2012). Shared leadership in enterprise resource planning and human resource management system implementation, Human resource management review, volume 23, Issue 1, March 2013, pages 114-125
- [7] Ball Kirstie S. (2000). The use of Human Resource Information Systems: A survey.
- [8] Broderick R., Boudreau J.W. (1992). Human Resource Management Information Technology Academy of Management Executive, 6 (2), 7–17
- [9] Delery, J.E. (1998). Issues of fit in Strategic Human Resource Management: Implications for Research. Human Resource Management Review, 8(3), 289-310

- [10] Gerardine DeSanctis. (1986). Human Resource Information Systems- A Current Assessment. MIS Quarterly, Vol. 10, No.1, pp. 15-27
- [11] Narayan, Vipul, et al. "A comparison between nonlinear mapping and high-resolution image." Computational Intelligence in the Industry 4.0. CRC Press, 2024. 153-160.
- [12] Sandhu, Ramandeep, et al. "Enhancement in performance of cloud computing task scheduling using optimization strategies." Cluster Computing (2024): 1-24.
- [13] kumar Mall, Pawan, et al. "Self-Attentive CNN+ BERT: An Approach for Analysis of Sentiment on Movie Reviews Using Word Embedding." International Journal of Intelligent Systems and Applications in Engineering 12.12s (2024): 612-623.
- [14] Narayan, Vipul, et al. "7 Extracting business methodology: using artificial intelligence-based method." Semantic Intelligent Computing and Applications 16 (2023): 123.
- [15] Narayan, V., Daniel, A. K., & Chaturvedi, P. (2023). E-FEERP: Enhanced fuzzy based energy efficient routing protocol for wireless sensor network. Wireless Personal Communications.
- [16] Narayan, V., & Daniel, A. K. (2022). CHHP: coverage optimization and hole healing protocol using sleep and wake-up concept for wireless sensor network. International Journal of System Assurance Engineering and Management, 13(Suppl 1), 546-556.
- [17] Narayan, V., & Daniel, A. K. (2022). Energy Efficient Protocol for Lifetime Prediction of Wireless Sensor Network using Multivariate Polynomial Regression Model.
- [18] Narayan, V., & Daniel, A. K. (2021, October). IOT based sensor monitoring system for smart complex and shopping malls. In International conference on mobile networks and management (pp. 344-354). Cham: Springer International Publishing.