

Abstract

PT. Abyaz Nature Indonesia is a growing company facing the need to find efficient solutions for managing its human resources. Currently, the company still uses spreadsheet tables in its daily routines, from employee attendance data to payroll management. This approach is prone to significant errors, especially when it comes to payroll.

This topic is crucial as the company requires an employee management system to simplify employee management. Mistakes in payroll management can affect employee satisfaction and overall company performance. By leveraging technology, the company is expected to improve efficiency and performance in attendance and payroll data management.

This issue is addressed by developing a web-based employee management information system that integrates attendance features using Radio Frequency Identification (RFID). The system is designed using Unified Modeling Language (UML) and developed with the evolutionary prototyping method, allowing continuous interaction between developers and users to ensure the system meets user needs.

The main outcome of this research is the employee management application. Functional testing of the system was conducted using Blackbox testing, while user acceptance testing was done using the System Usability Scale, with results indicating good usability and user satisfaction. This research can facilitate the company in managing employee attendance and payroll, as well as optimizing overall operations.

Keywords: PT. Abyaz Nature Indonesia, Attendance, Salary, Employees, RFID
