

ABSTRAK

BAGUS INSTANTO, 2023, Perancangan Sistem Informasi Laporan Gaji Pada Pegawai Borongan Berbasis *Web* menggunakan metode SDLC *Waterfall* dan *Scanner Barcode* di PT. OTSUKA INDONESIA, Tugas Akhir, Program Studi Sistem Informasi (S1), Sekolah Tinggi Informatika dan Komputer Indonesia-Malang, Pembimbing : Adnan Zulkarnain S. Kom., M.M.S.I

Kata Kunci : PT. Otsuka Indonesia, Pegawai borongan, Penggajian, *Web*, *Scanner Barcode*

Penelitian ini bertujuan untuk merancang dan mengimplementasikan Sistem Informasi laporan gaji berbasis *Web* menggunakan metode SDLC *Waterfall* dan *Scanner Barcode* di PT. Otsuka Indonesia. Penelitian ini penting karena mengatasi permasalahan penggajian pegawai Borongan yang kerap terkendala oleh proses manual, berpotensi menyebabkan kesalahan pencatatan data, serta memungkinkan praktik kecurangan perhitungan gaji. Kebaharuan penelitian ini terletak pada pengintegrasian teknologi *Scanner Barcode* untuk mempercepat proses input dan penghitungan gaji pegawai Borongan, menjadikannya lebih efisien dan akurat. Hasil penelitian diharapkan dapat meningkatkan efisiensi pengolahan data dan mengurangi risiko kesalahan dalam penggajian. Kelemahan penelitian saat ini adalah sistem yang dibuat hanya berfokus pada mempercepat proses input data. Pengembangan selanjutnya dapat melibatkan analisis lebih mendalam terkait manfaat *Scanner Barcode* pada perhitungan gaji Borongan serta mempertimbangkan integrasi dengan sistem manajemen keuangan perusahaan. Dengan demikian, penelitian ini berpotensi memberikan kontribusi signifikan dalam meningkatkan efisiensi dan akurasi pengolahan data penggajian pegawai Borongan di PT. Otsuka Indonesia.

ABSTRACT

BAGUS INSTANTO, 2023, *Designing a Web-Based Salary Report Information System for Contract Employees using the SDLC Waterfall method and Scanner Barcode at PT. OTSUKA INDONESIA*, Final Project, Study Program (S1), Informatics Engineering STIKI, Malang, Supervisor: Adnan Zulkarnain, S. Kom., M.M.S.I

KeyWords: PT. Otsuka Indonesia, Contract Employees, Payroll, Web, Scanner Barcode

This research aims to design and implement a Web-based salary report information system using the SDLC Waterfall method and Barcode Scanner at PT. Otsuka Indonesia. This research is important because it addresses the problem of paying wholesale employees who are often hampered by manual processes, have the potential to cause data recording errors, and enable fraudulent salary calculation practices. The novelty of this research lies in the integration of Barcode Scanner technology to speed up the process of inputting and calculating salaries for wholesale employees, making it more efficient and accurate. The research results are expected to increase data processing efficiency and reduce the risk of errors in payroll. The weakness of current research is that the system created only focuses on speeding up the data input process. Further development could involve a more in-depth analysis regarding the benefits of Barcode Scanners in calculating piece wages as well as considering integration with the company's financial management system. Thus, this research has the potential to make a significant contribution in increasing the efficiency and accuracy of processing payroll data for wholesale employees at PT. Otsuka Indonesia.