WEBSITE BASED ATTENDANCE INFORMATION SYSTEM WITH GEOLOCATION FEATURE FOR VALIDATION OF ATTENDANCE LOCATION

(Case study: Asulasul Souvenir Ponorogo)

Fariz Widyanata, Muhammad Zakariyah. S. Kom., M.Kom.
Information Systems Study Program, Faculty of Science & Technology
University of Technology Yogyakarta
Jl. Ring Road Utara, Jombor, Sleman, Yogyakarta
E-mail: farizw31@gmail.com, Muhammad.zakariyah@staff.uty.ac.id

ABSTRACT

At Asulasul Souvenir Ponorogo (ASP), employee attendance is documented in a book that is filled in independently by employees with a book that has been prepared by Asulasul Souvenir Ponorogo. Documentation of entry and exit times with a book that is filled in independently is prone to manipulation and even lost. Illegible writing and the difficulty of finding the desired data make it difficult for owners to make employee attendance reports per day and per month and calculate employee basic salaries and overtime wages. This study aims to create an employee attendance system with a website-based geolocation feature so that it can help ASP owners to calculate employee basic salaries and overtime wages. The waterfall method is used in the system development process and uses the Unified Modeling Language (UML) for visualization of the design of the system being developed. Based on functional tests with the blackbox method, the ASP employee attendance system runs according to its function, the ASP employee attendance system can calculate the total overtime salary and deductions from employee basic salaries which are included in the pay slip in pdf format and create daily and monthly employee attendance reports in xlsx format.

***Keywords**: Employee Presence, Geolocation Presence, Salary Calculation*