

ABSTRACT

Jon Erikson (2020081073)

DESIGN OF EMPLOYEE ATTENDANCE APPLICATION AT XYZ COMPANY

XYZ Company, which is engaged in the footwear industry with a wide market throughout Indonesia, faces problems in the employee attendance system, especially for the marketing team who often goes on business trips. The manual attendance system using WhatsApp and Google Document caused attendance calculation errors, submission delays, and difficulties in tracking employee locations. This results in employee dissatisfaction and potential errors in salary calculations. This research aims to design and develop an integrated smartphone-based attendance application, which allows employees to take attendance through selfies according to set working hours, as well as track their location using Google Maps integration. The app also includes features for leave requests, attendance data management, and pay slips, with the aim of improving the company's operational efficiency and the accuracy of attendance data. This research uses a systematic approach to design an application that is easy to implement, efficient, and secure, and can reduce human error and improve data security. The results of this research are expected to provide an effective solution for XYZ company, increase convenience and transparency for employees, and optimize the management of the attendance system in the company.

Keywords: *Attendance application, information system, operational efficiency, data management, Google Maps integration, data security.*