

ABSTRACT

PT Palala Citra Mandiri is a company engaged in vehicle rental services. Attendance recording is still done manually using spreadsheets, without the support of an integrated system. This causes difficulties in monitoring the accuracy of working hours, including tardiness, absences, and overtime. In addition, payroll managed with spreadsheets makes it difficult to automate and document salary components such as allowances, overtime, and deductions. The absence of accounting records such as general journals and ledgers also hinders the preparation of financial reports. A web-based application was created with three objectives: recording employee attendance, calculating employee salaries, and displaying payslips, payroll reports, and accounting records in the form of general journals and ledgers. This application was developed using the Software Development Life Cycle (SDLC) method up to the system testing stage. The application was developed using the Laravel Framework with the PHP programming language and MySQL database, and used a design that included Use Case Diagrams, Activity Diagrams, Class Diagrams, and Sequence Diagrams. The database design used Entity Relationship Diagrams, Relationship Diagrams between tables, and user interface design. Application testing was carried out using the Black Box Testing method. Implementation results show that the application can record employee clock-in and clock-out times, automatically calculate salaries based on defined components, and provide payslips and accounting reports. This application can assist HR and administrators in managing employee data.

Keywords: Laravel, payroll, attendance, application, accounting