

ABSTRACT

The attendance and payroll processes at PT Berkah Cipta Rasa were previously managed manually, leading to inefficiencies, inaccuracies, and a lack of transparency in recording employee attendance and calculating salaries. To address these issues, a web-based employee attendance and payroll system was developed to help the HR department automate and streamline these processes. This system enables real-time monitoring and management of attendance data and salary calculations in a more integrated and efficient manner.

The application was built as a web app using the Laravel framework, supported by MySQL for database management and HTML, CSS, and JavaScript for the user interface. Key features include GPS-based check-in and check-out, face recognition for identity verification, selfie uploads as proof of presence, leave/absence requests, attendance history tracking, and location-based notifications. Additionally, the system features an automatic payroll module that calculates salaries based on attendance records, job position, allowances, and lateness, thereby improving the speed and accuracy of payroll processing.

Based on the testing conducted, all features functioned correctly and met the company's needs. The system successfully replaced the manual process with a digital solution that is more efficient, transparent, and easily accessible. This application is expected to serve as a long-term solution to support the digitalization of employee administrative processes at PT Berkah Cipta Rasa.

Keywords: employee attendance, payroll, website, Laravel, face recognition, GPS