ABSTRACT

Attendance is an activity to collect data to record attendance. PT. Cipta Strada as a company engaged in construction has many employees to work on projects. Currently, the company still conducts a conventional attendance and attendance submission system with paper-based which causes the attendance and attendance submission process to take a lot of time and be inefficient. So the researcher made a Web-Based Employee Attendance Application at PT. Cipta Strada and appointed it as research. This application is used by employees to be able to do attendance once a day according to the location and radius determined by the company based on the type of project. Employees can apply for absenteeism including permits, illness, service which will be confirmed by the company admin. Employees can view their entire history and print them into reports. Company admins can manage all employee history and can change employee attendance and Absenteeism status. Admin can print it into reports of all employees and per employee. Admin can manage project types and coordinate locations based on employee project types. Admin can delete accounts so employees can no longer access their apps.Web-Based Employee Attendance Application at PT. Cipta Strada uses *extreme programming* method as its development method. This application is implemented using PHP programming language, laravel and bootstrap frameworks, and Mysql as a database management system. The test results in this application found that all functions have run according to needs and are suitable for use by employees and company admins.

Keywords : Attendance, Lock Coordinate Location, Absenteeism Submission, Project Type, Print History, Web-Based Application, Extreme Progamming, PT. Cipta Strada