ABSTRACT

The rapid development of information technology encourages companies to adopt digital systems, including in employee attendance recording. CV Joy Antara Fiha faces challenges with its manual attendance system, which is prone to errors and fraud, necessitating a technology-based solution. This study aims to design and develop a web-based employee attendance management information system using geofencing technology to facilitate attendance recording. The development method used is the ICONIX Process, which includes the stages of requirements analysis, preliminary design, detailed design, and implementation. The system is built using the Laravel framework with a MySQL database and is tested using the blackbox testing method to ensure that each function operates according to specifications. The test results show that the developed system is 100% accepted. With this system, CV Joy Antara Fiha can manage employee attendance in real time.

Keywords : Information System, Attendance Management, Geofencing, Laravel, ICONIX Process