

ABSTRACT

The development of the Siboto Lungun Multipurpose Cooperative Employee Attendance and Leave application is based on the results of interviews and seeing the direct situation that still uses the written method, which takes time and storage that is not guaranteed security and there is no data backup. Seeing these problems, an idea emerged to build a web-based application in which there were users of features such as: Attendance, leave, and reports. Attendance is done using Tap Radio-frequency identification (RFID). The programming language used is PHP, the modeling uses the waterfall model, the database used is MySQL, the editor used is Sublime, the server used is XAMPP. The modeling tools used by BPMN, UML consist of Use cases, Classes, Sequence Diagrams, and ERD. Testing with black boxes on applications that are built, all users are facilitated to make attendance and leave, while printing reports can be done by the personnel department, and superiors have a role in supervising every incoming data with reports submitted by the personnel.

Keywords: Attendance, Leave, Application, PHP, Database