ABSTRACT

Utomo building material shop is a trading company that sells various building materials. The utomo building shop has 20 employees who are divided into 5 departments. For payroll records, the utomo building shop still does so by hand using Microsoft Excel, and for truancy records by using fingerprints. So based on the formula of the problem the writer built an application using radio identification (rfid) for the payroll and so could inspect reports of payroll statements to facilitate the process of payroll. The application USES radio frequency identification (rfid) for employee presence, in the form of identity CARDS, and USES relatively flexible identification that is easily used on automatic systems. The app is developed using PHP programming language and the framework Codeigniter, a system developed using the SDLC system development life cycle (SDLC) using the waterfall method and testing using deceptive box testing.

Keywords: Employee, Payroll, Salary, Applications, RFID (Radio Frequency Identification)